

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012020\  
 Data File : BN009402.D  
 Acq On : 20 Jan 2020 14:37  
 Operator : JU  
 Sample : K5111-02  
 Misc : 0.1 LOO  
 ALS Vial : 6 Sample Multiplier: 1

**Instrument :**  
 BNA\_N  
**ClientSampleId :**  
 LOQ-SOIL-02-QT4-2019

**Manual Integrations**  
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Quant Time: Jan 20 17:39:27 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN011420.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 20 16:23:23 2020  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	1225	0.40	ng	0.00
7) Naphthalene-d8	10.24	136	4010	0.40	ng	0.01
13) Acenaphthene-d10	14.10	164	2625	0.40	ng	0.00
19) Phenanthrene-d10	16.87	188	5827	0.40	ng	0.00
27) Chrysene-d12	21.07	240	4993	0.40	ng	0.00
34) Perylene-d12	23.19	264	5008	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.12	112	976	0.35	ng	0.00
5) Phenol-d6	6.69	99	912	0.28	ng	0.00
8) Nitrobenzene-d5	8.64	82	925	0.29	ng	0.01
11) 2-Methylnaphthalene-d10	11.85	152	2157	0.28	ng	0.01
14) 2,4,6-Tribromophenol	15.63	330	273	0.28	ng	0.00
15) 2-Fluorobiphenyl	12.74	172	3078	0.31	ng	0.02
25) Fluoranthene-d10	18.90	212	5181	0.26	ng	0.00
29) Terphenyl-d14	19.52	244	4273	0.36	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.14	88	118	0.092	ng	# 67
3) n-Nitrosodimethylamine	3.48	42	115	0.058	ng	# 23
6) bis(2-Chloroethyl)ether	6.93	93	319m	0.095	ng	
9) Naphthalene	10.29	128	916	0.084	ng	# 71
10) Hexachlorobutadiene	10.56	225	213	0.090	ng	# 92
12) 2-Methylnaphthalene	11.92	142	596	0.079	ng	# 90
16) Acenaphthylene	13.82	152	847	0.075	ng	97
17) Acenaphthene	14.17	154	633	0.080	ng	99
18) Fluorene	15.18	166	825	0.080	ng	99
20) 4-Bromophenyl-phenylether	16.08	248	255	0.073	ng	93
21) Hexachlorobenzene	16.18	284	279	0.075	ng	97
22) Pentachlorophenol	16.57	266	158	0.151	ng	87
23) Phenanthrene	16.91	178	1303	0.074	ng	99
24) Anthracene	17.02	178	1011	0.069	ng	99
26) Fluoranthene	18.93	202	1564	0.076	ng	97
28) Pyrene	19.30	202	1630	0.086	ng	99
30) Benzo(a)anthracene	21.07	228	1247m	0.076	ng	
31) Chrysene	21.11	228	1767m	0.094	ng	
32) Bis(2-ethylhexyl)phthalate	21.00	149	615	0.085	ng	# 99
33) Indeno(1,2,3-cd)pyrene	25.29	276	1508	0.077	ng	# 92
35) Benzo(b)fluoranthene	22.57	252	1356	0.074	ng	# 52
36) Benzo(k)fluoranthene	22.61	252	2043m	0.100	ng	
37) Benzo(a)pyrene	23.11	252	1358	0.084	ng	# 32
38) Dibenzo(a,h)anthracene	25.31	278	1189	0.073	ng	# 41
39) Benzo(g,h,i)perylene	25.90	276	1496	0.083	ng	# 79

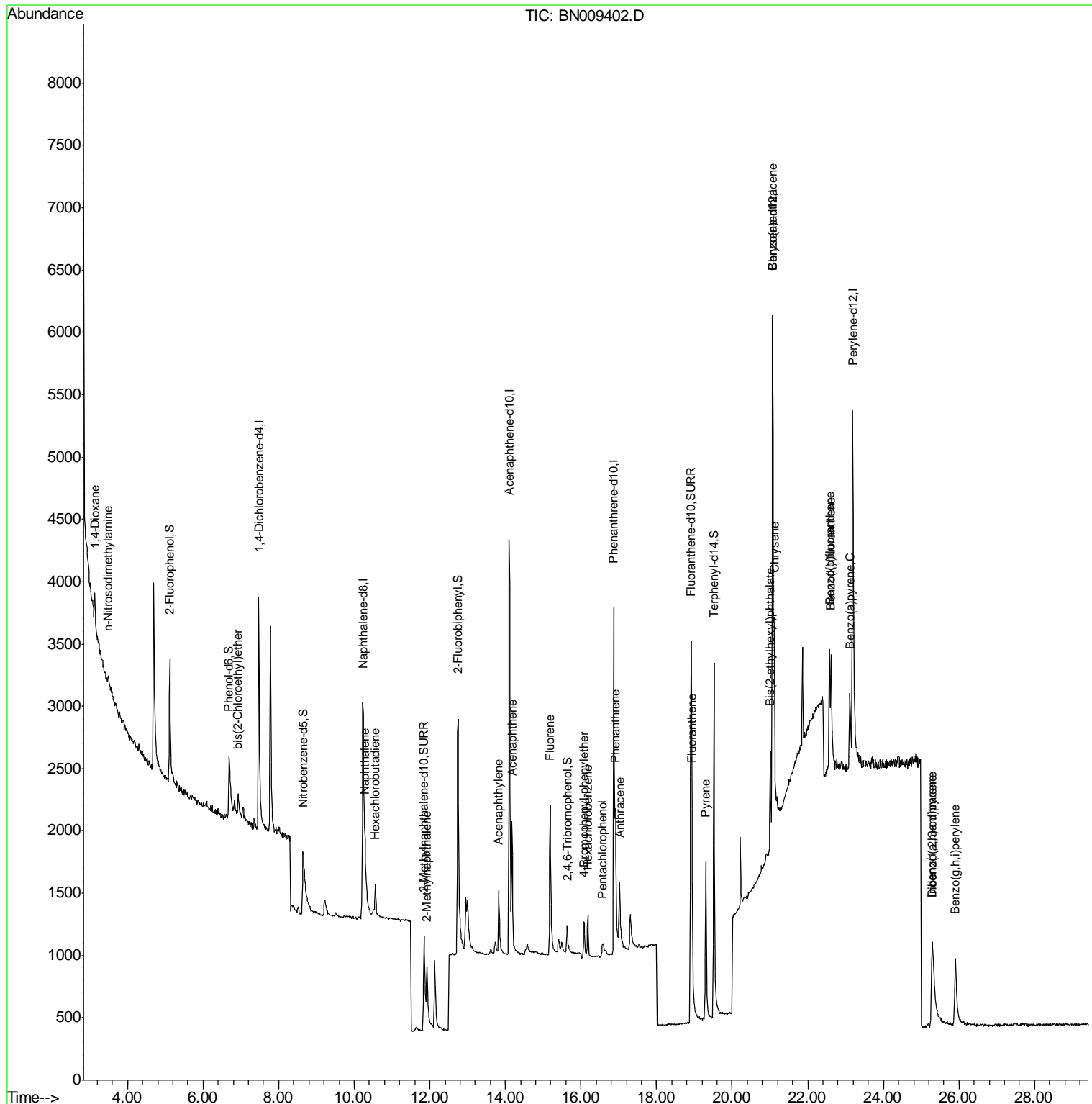
(#) = qualifier out of range (m) = manual integration (+) = signals summed

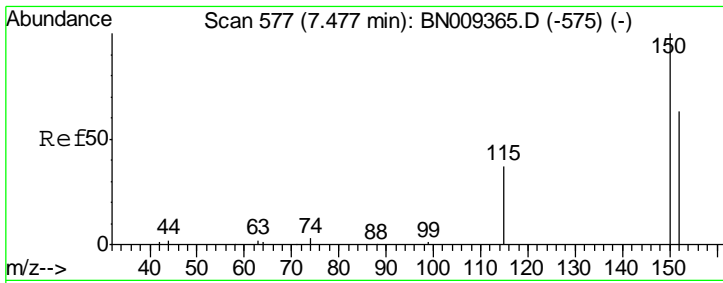
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012020\  
 Data File : BN009402.D  
 Acq On : 20 Jan 2020 14:37  
 Operator : JU  
 Sample : K5111-02  
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Instrument :  
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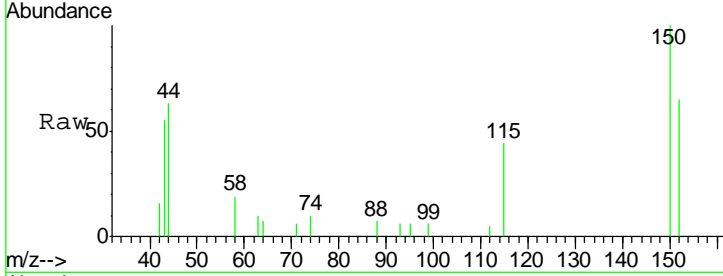
Quant Time: Jan 20 17:39:27 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN011420.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 20 16:23:23 2020  
 Response via : Initial Calibration





#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.47 min Scan# 576  
 Delta R.T. -0.01 min  
 Lab File: BN009402.D  
 Acq: 20 Jan 2020 14:37

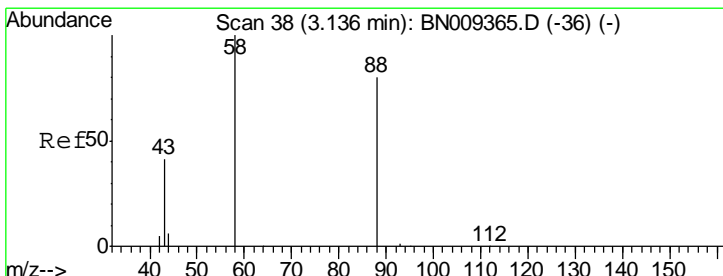
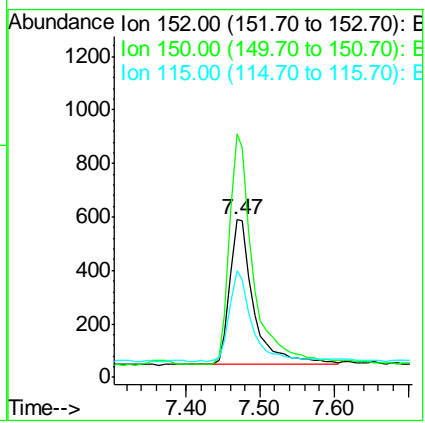
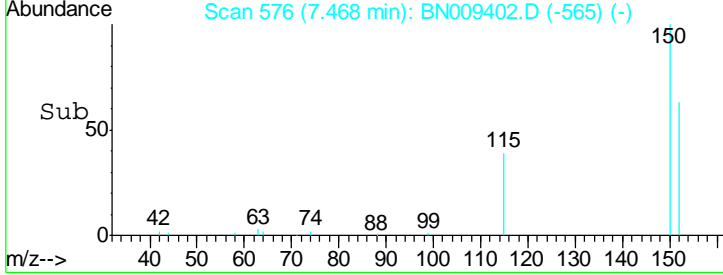
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**ClientSampled :**  
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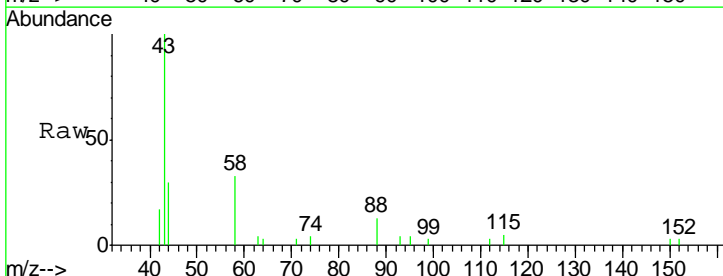
Tgt Ion: 152 Resp: 1225

Ion	Ratio	Lower	Upper
152	100		
150	154.4	125.7	188.5
115	67.8	53.3	79.9

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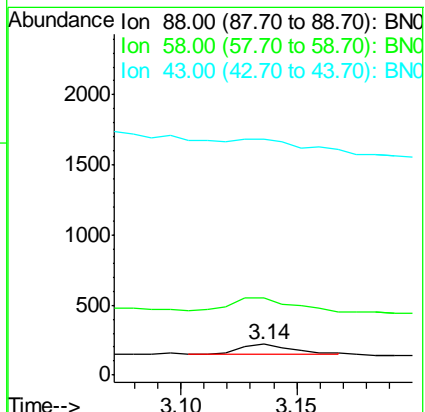
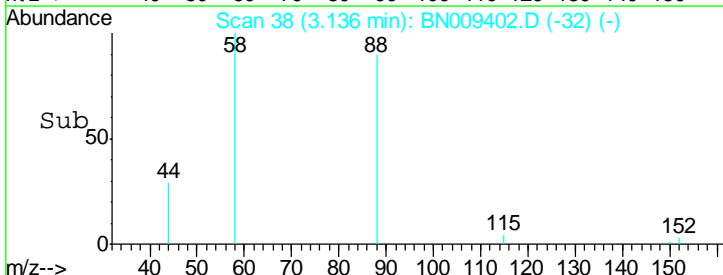


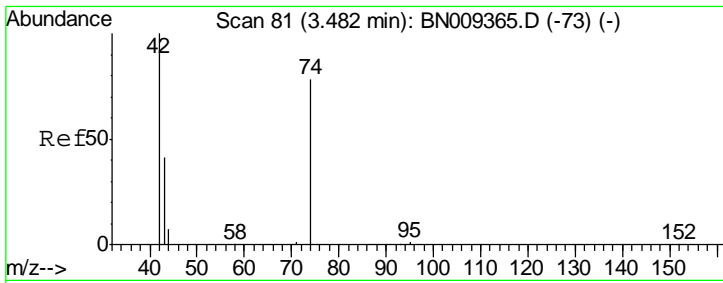
#2  
 1,4-Dioxane  
 Concen: 0.092 ng  
 RT: 3.14 min Scan# 38  
 Delta R.T. -0.00 min  
 Lab File: BN009402.D  
 Acq: 20 Jan 2020 14:37



Tgt Ion: 88 Resp: 118

Ion	Ratio	Lower	Upper
88	100		
58	142.4	100.2	150.2
43	0.0	43.1	64.7#



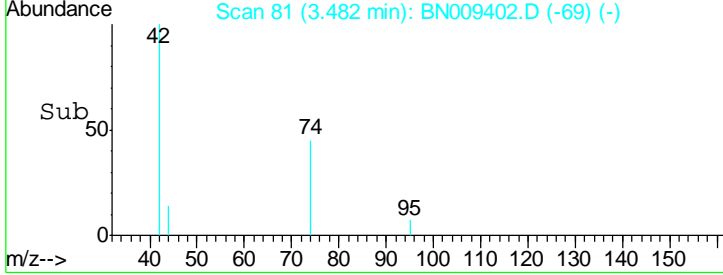
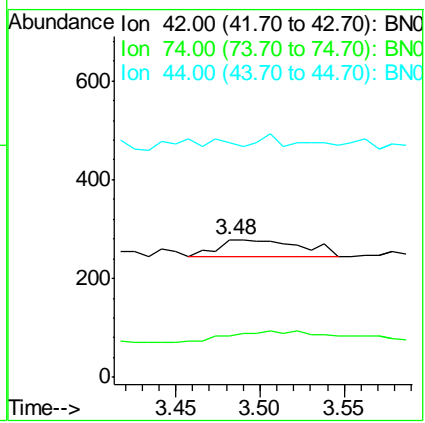
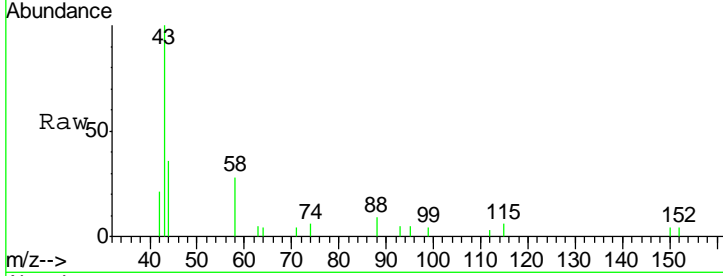


#3  
 n-Nitrosodimethylamine  
 Concen: 0.058 ng  
 RT: 3.48 min Scan# 81  
 Delta R.T. -0.00 min  
 Lab File: BN009402.D  
 Acq: 20 Jan 2020 14:37

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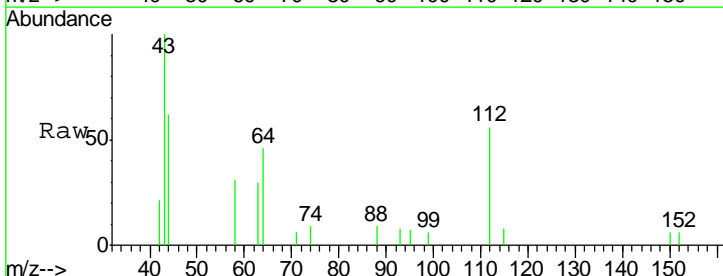
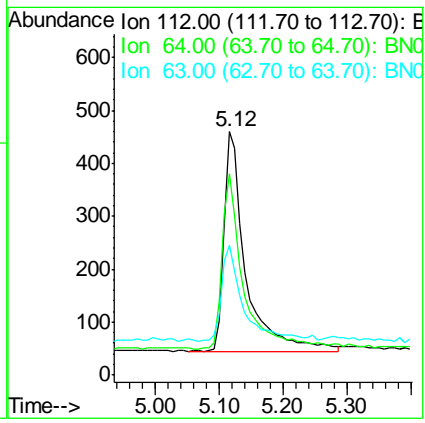
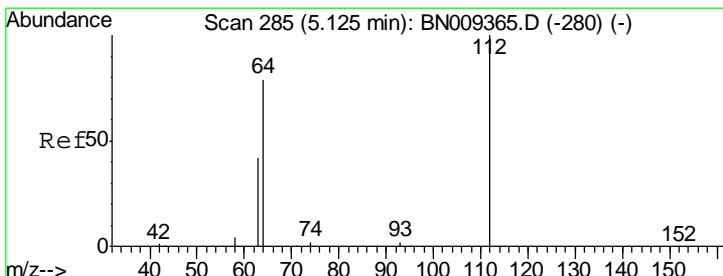
Tgt Ion	Ratio	Lower	Upper
42	100		
74	0.0	55.8	83.8#
44	0.0	11.1	16.7#

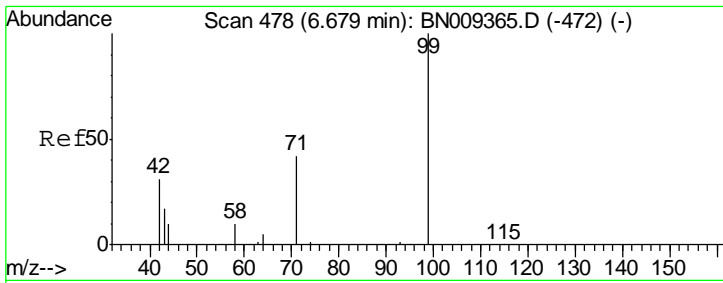
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#4  
 2-Fluorophenol  
 Concen: 0.346 ng  
 RT: 5.12 min Scan# 284  
 Delta R.T. -0.01 min  
 Lab File: BN009402.D  
 Acq: 20 Jan 2020 14:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	77.9	61.5	92.3
63	43.0	35.0	52.4





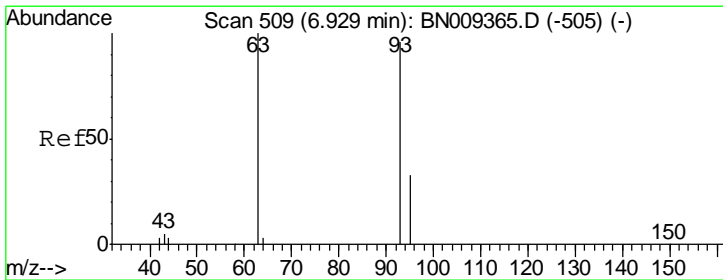
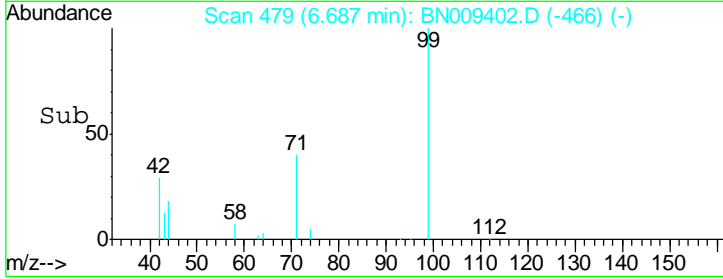
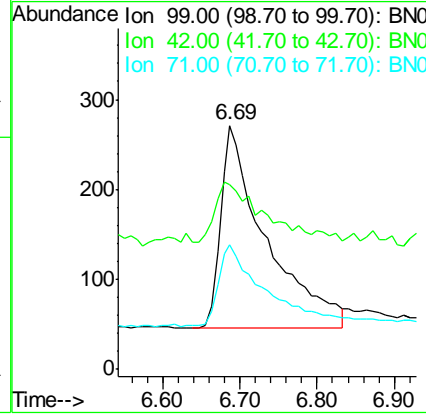
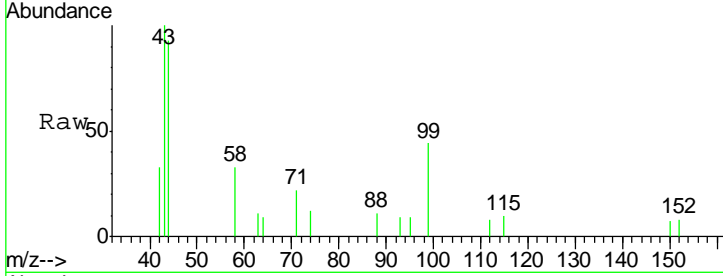
#5  
 Phenol-d6  
 Concen: 0.280 ng  
 RT: 6.69 min Scan# 479  
 Delta R.T. 0.01 min  
 Lab File: BN009402.D  
 Acq: 20 Jan 2020 14:37

**Instrument :**  
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Tgt Ion	Resp	Lower	Upper
99	912		
42	30.9	27.6	41.4
71	41.1	33.0	49.6

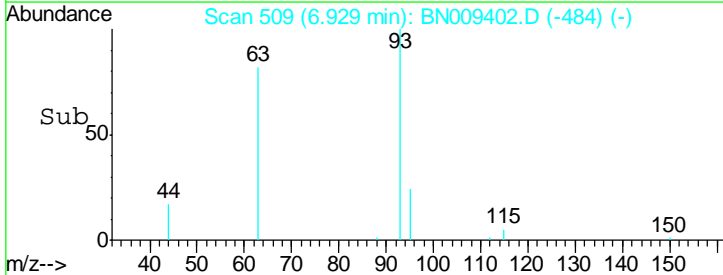
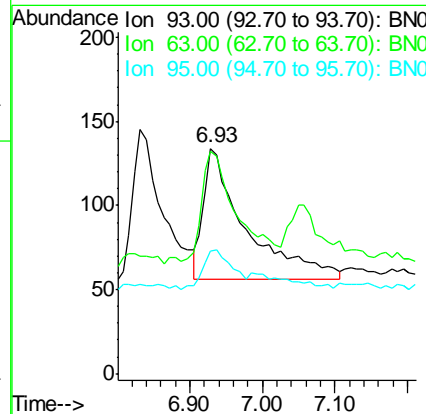
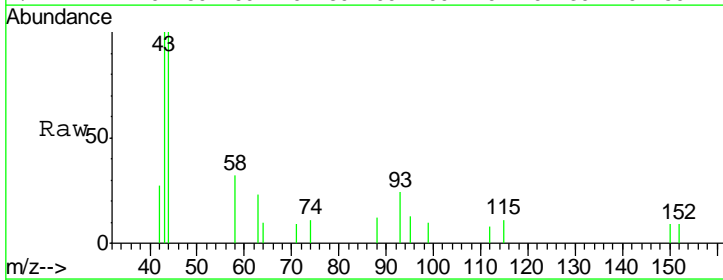
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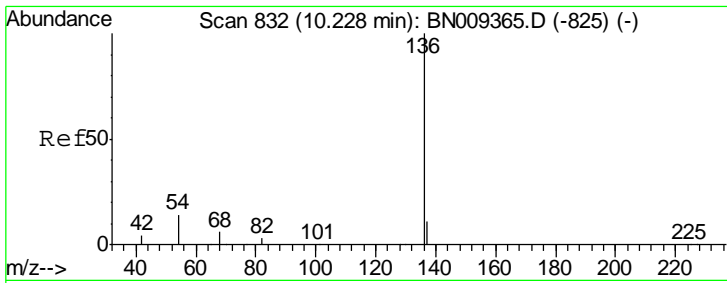
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#6  
 bis(2-Chloroethyl)ether  
 Concen: 0.095 ng m  
 RT: 6.93 min Scan# 509  
 Delta R.T. -0.00 min  
 Lab File: BN009402.D  
 Acq: 20 Jan 2020 14:37

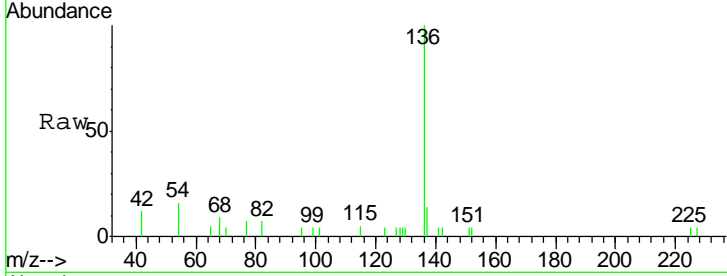
Tgt Ion	Resp	Lower	Upper
93	319		
63	67.7	85.1	127.7#
95	21.0	30.2	45.4#





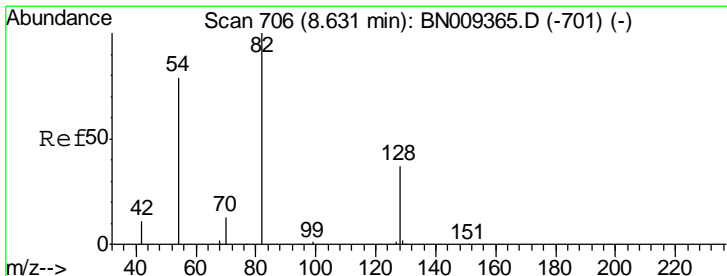
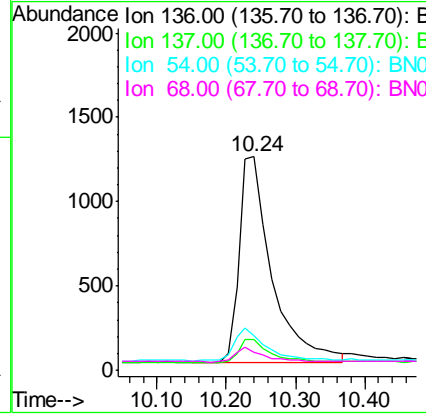
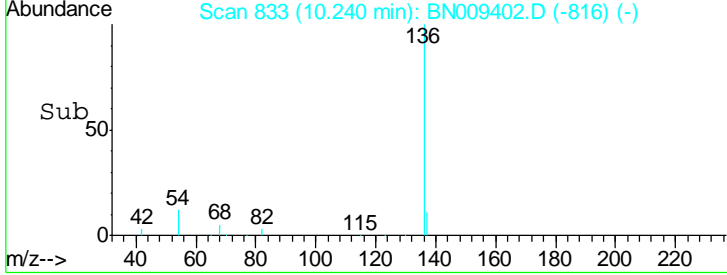
#7  
 Naphthalene-d8  
 Concen: 0.400 ng  
 RT: 10.24 min Scan# 833  
 Delta R.T. 0.01 min  
 Lab File: BN009402.D  
 Acq: 20 Jan 2020 14:37

**Instrument :**  
 BNA\_N  
**ClientSampled :**  
 LOQ-SOIL-02-QT4-2019

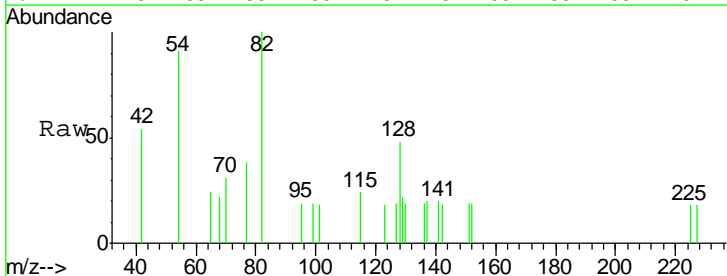


Tgt Ion	Resp	Lower	Upper
136	100		
137	14.2	10.3	15.5
54	15.9	12.6	19.0
68	8.7	6.5	9.7

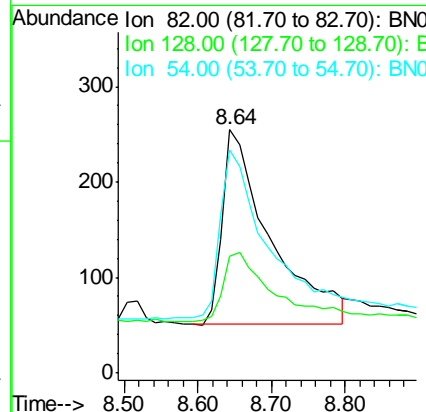
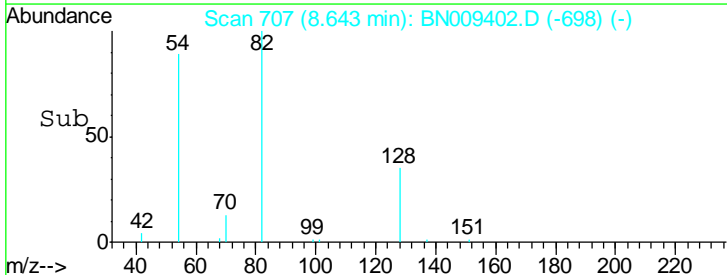
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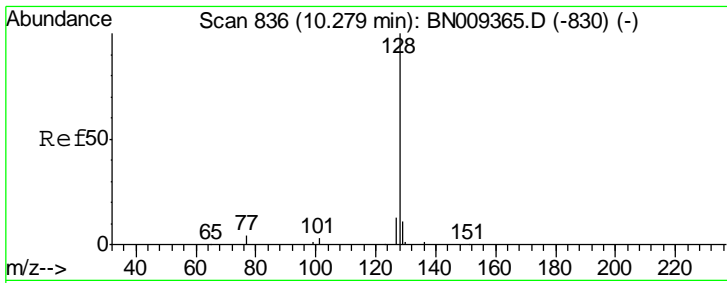


#8  
 Nitrobenzene-d5  
 Concen: 0.289 ng  
 RT: 8.64 min Scan# 707  
 Delta R.T. 0.01 min  
 Lab File: BN009402.D  
 Acq: 20 Jan 2020 14:37



Tgt Ion	Resp	Lower	Upper
82	100		
128	47.8	34.8	52.2
54	91.4	65.8	98.6





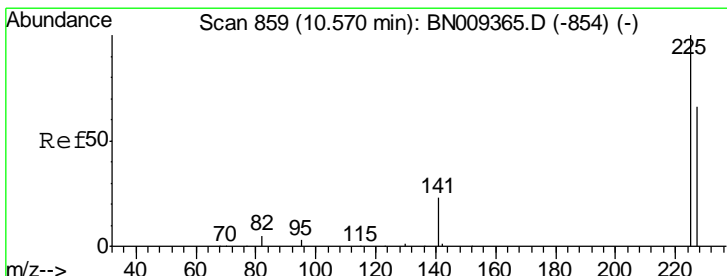
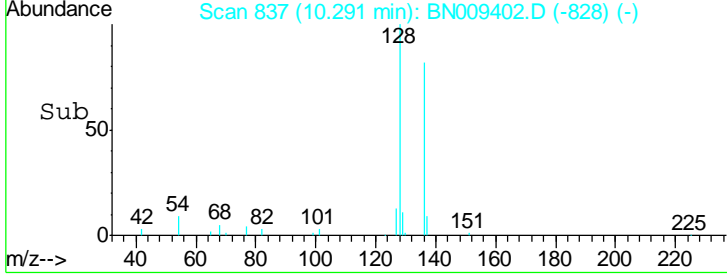
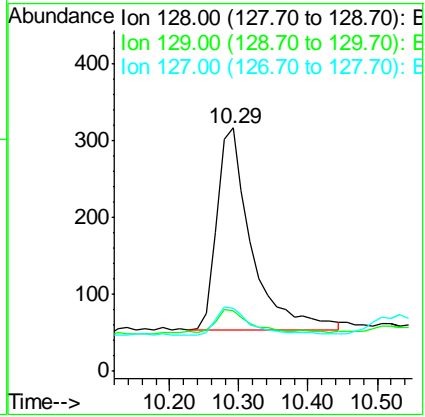
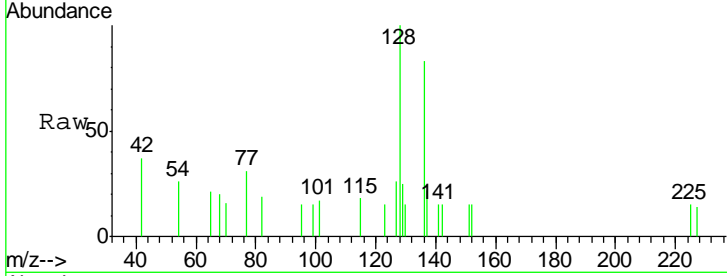
#9  
 Naphthalene  
 Concen: 0.084 ng  
 RT: 10.29 min Scan# 837  
 Delta R.T. 0.01 min  
 Lab File: BN009402.D  
 Acq: 20 Jan 2020 14:37

Instrument :  
 BNA\_N  
 ClientSampled :  
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Tgt Ion	Resp	Lower	Upper
128	916		
129	24.6	10.4	15.6#
127	25.9	11.4	17.2#

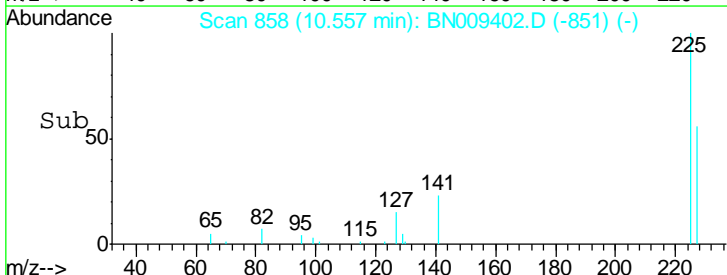
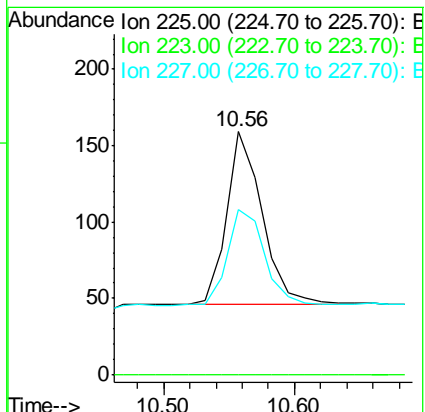
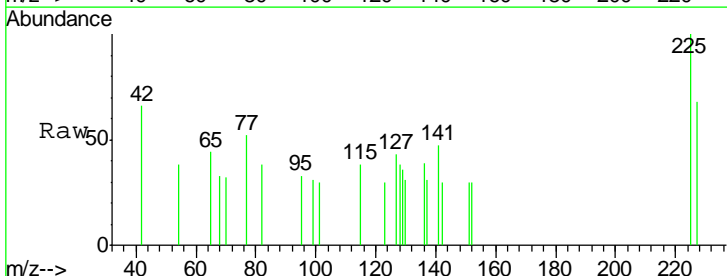
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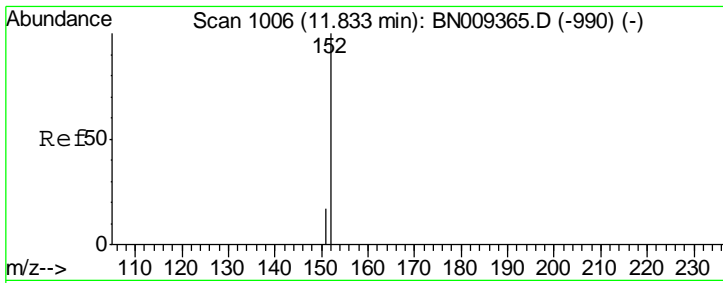
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#10  
 Hexachlorobutadiene  
 Concen: 0.090 ng  
 RT: 10.56 min Scan# 858  
 Delta R.T. -0.01 min  
 Lab File: BN009402.D  
 Acq: 20 Jan 2020 14:37

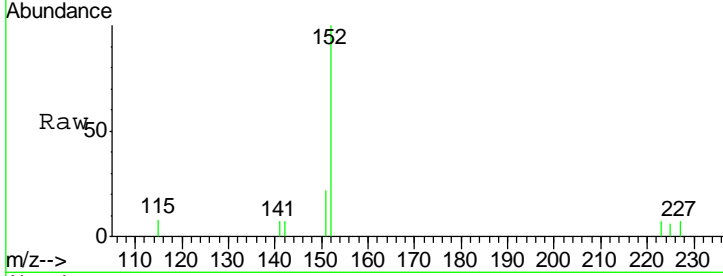
Tgt Ion	Resp	Lower	Upper
225	213		
223	0.0	0.0	0.0
227	59.6	52.6	78.8





#11  
 2-Methylnaphthalene-d10  
 Concen: 0.278 ng  
 RT: 11.85 min Scan# 1009  
 Delta R.T. 0.01 min  
 Lab File: BN009402.D  
 Acq: 20 Jan 2020 14:37

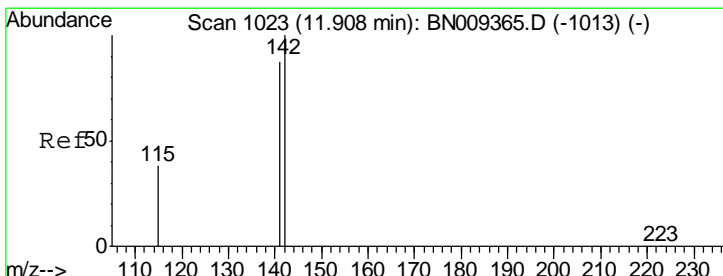
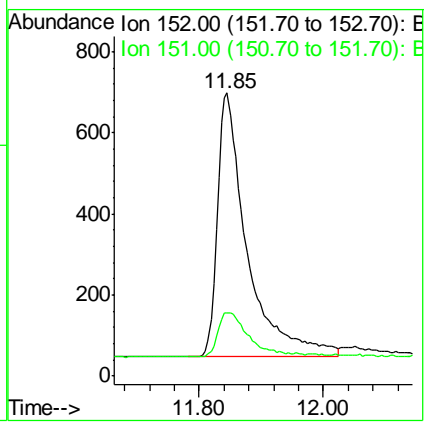
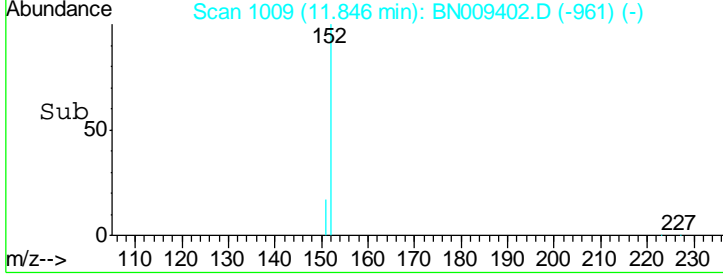
**Instrument :**  
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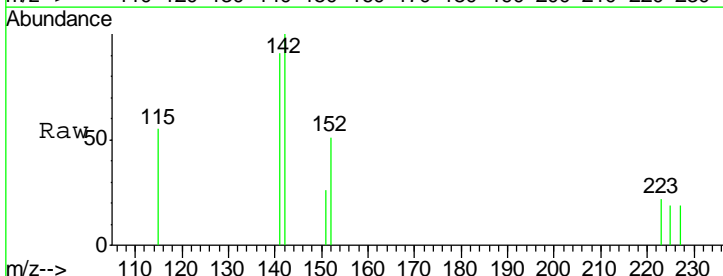
Tgt Ion: 152 Resp: 2157

Ion	Ratio	Lower	Upper
152	100		
151	17.7	14.8	22.2

**Manual Integrations**  
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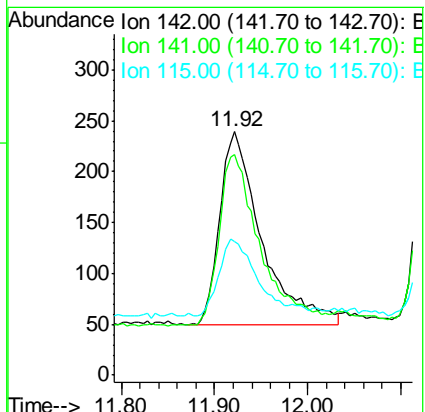
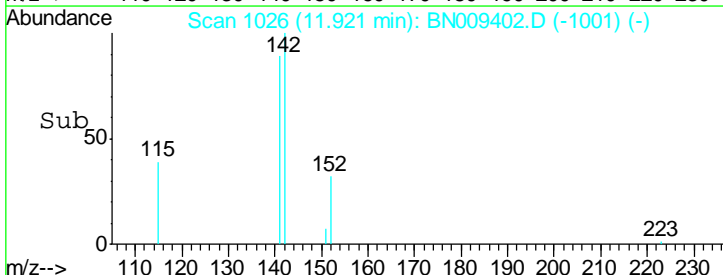


#12  
 2-Methylnaphthalene  
 Concen: 0.079 ng  
 RT: 11.92 min Scan# 1026  
 Delta R.T. 0.01 min  
 Lab File: BN009402.D  
 Acq: 20 Jan 2020 14:37

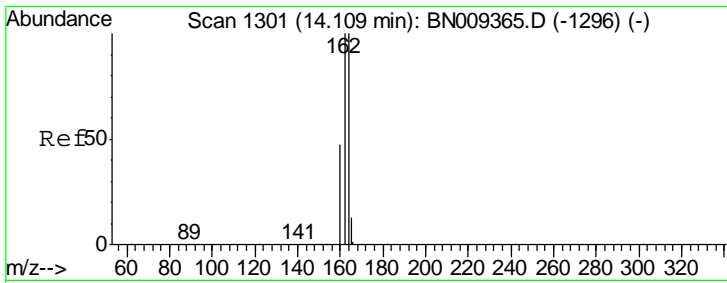


Tgt Ion: 142 Resp: 596

Ion	Ratio	Lower	Upper
142	100		
141	90.8	69.8	104.6
115	54.8	32.5	48.7#

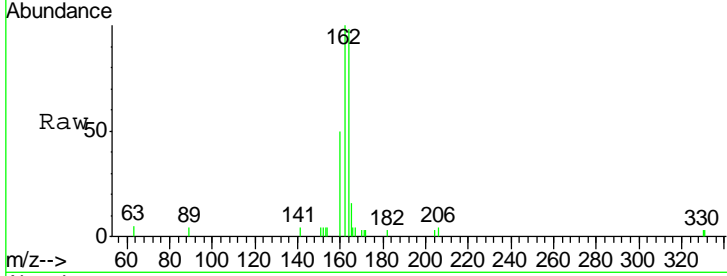






#13  
 Acenaphthene-d10  
 Concen: 0.400 ng  
 RT: 14.10 min Scan# 1301  
 Delta R.T. -0.01 min  
 Lab File: BN009402.D  
 Acq: 20 Jan 2020 14:37

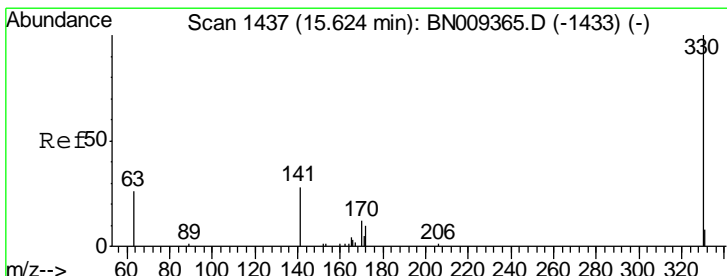
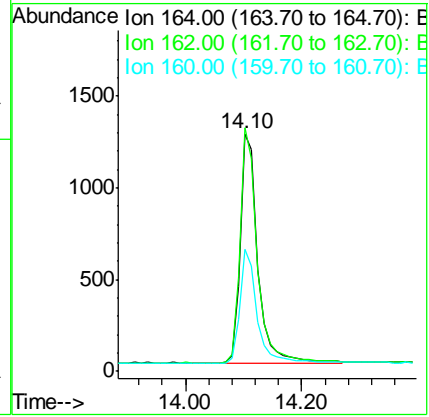
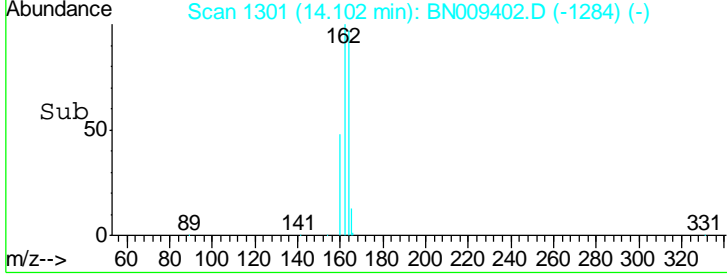
**Instrument :**  
 BNA\_N  
**ClientSampled :**  
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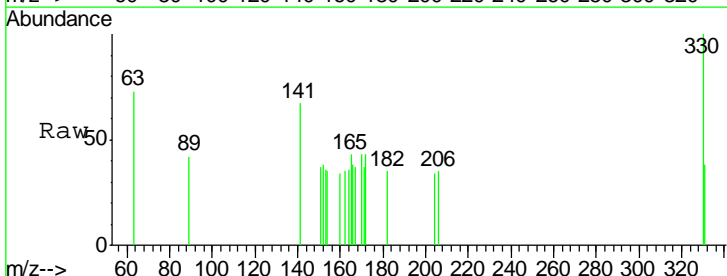
Tgt Ion: 164 Resp: 2625

Ion	Ratio	Lower	Upper
164	100		
162	102.5	79.8	119.6
160	51.1	38.4	57.6

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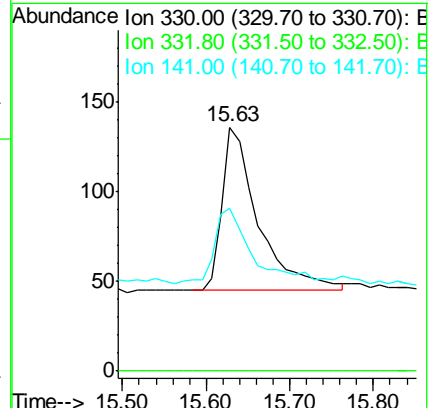
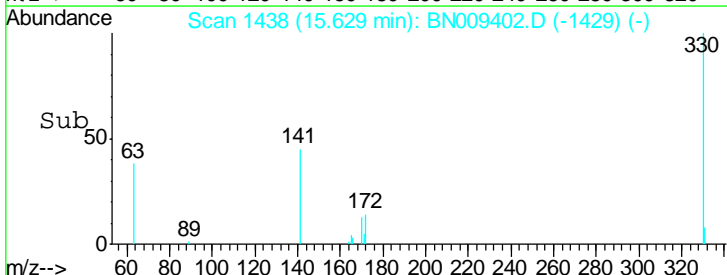


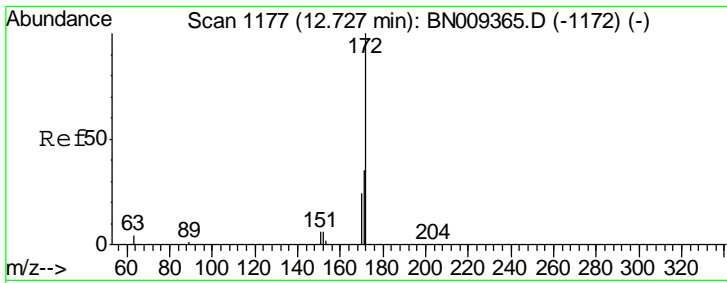
#14  
 2,4,6-Tribromophenol  
 Concen: 0.275 ng  
 RT: 15.63 min Scan# 1438  
 Delta R.T. 0.00 min  
 Lab File: BN009402.D  
 Acq: 20 Jan 2020 14:37



Tgt Ion: 330 Resp: 273

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	48.4	33.1	49.7





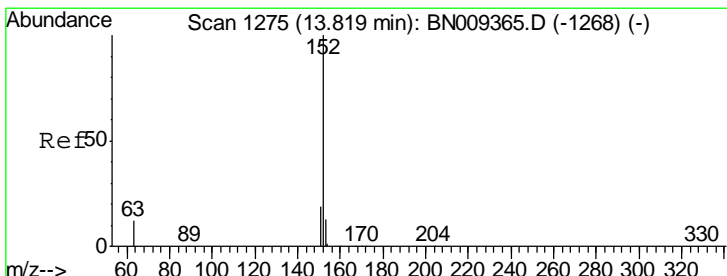
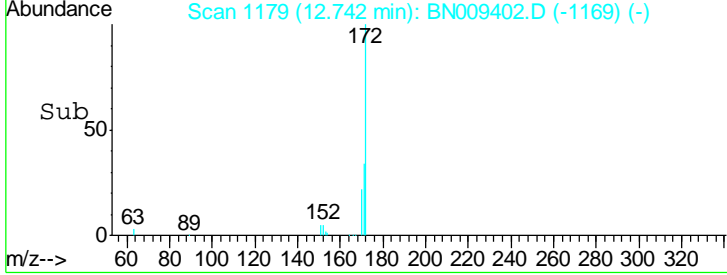
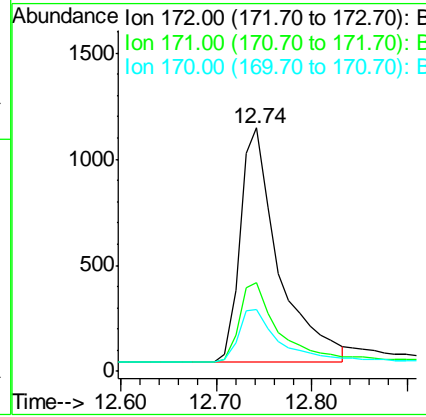
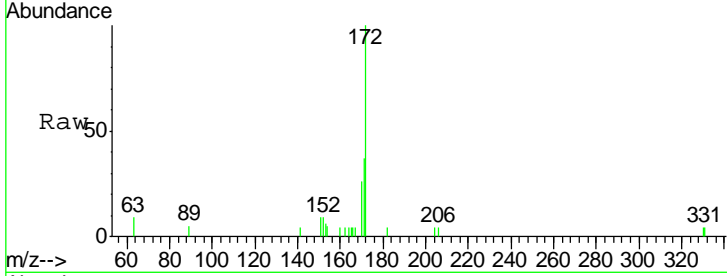
#15  
 2-Fluorobiphenyl  
 Concen: 0.313 ng  
 RT: 12.74 min Scan# 1179  
 Delta R.T. 0.02 min  
 Lab File: BN009402.D  
 Acq: 20 Jan 2020 14:37

Instrument :  
 BNA\_N  
 ClientSampled :  
 LOQ-SOIL-02-QT4-2019

Tgt Ion	Resp	Lower	Upper
172	100		
171	36.6	29.5	44.3
170	25.5	20.7	31.1

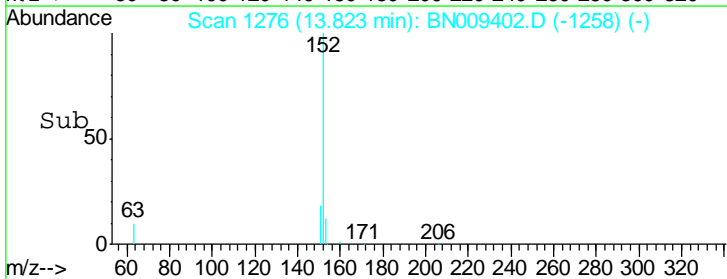
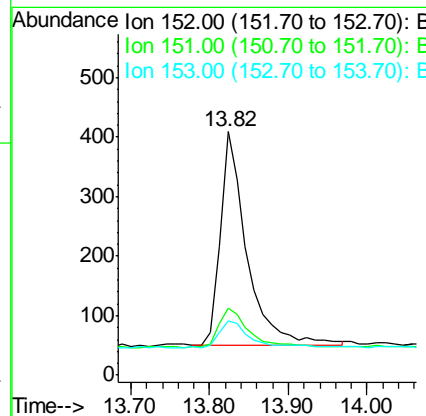
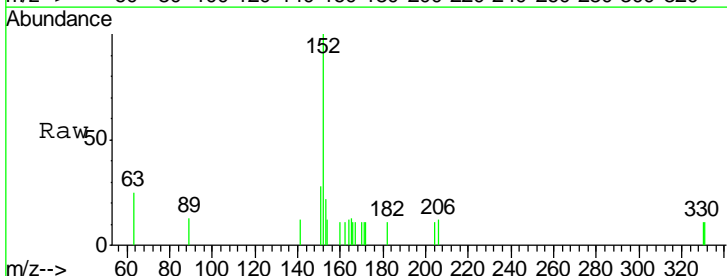
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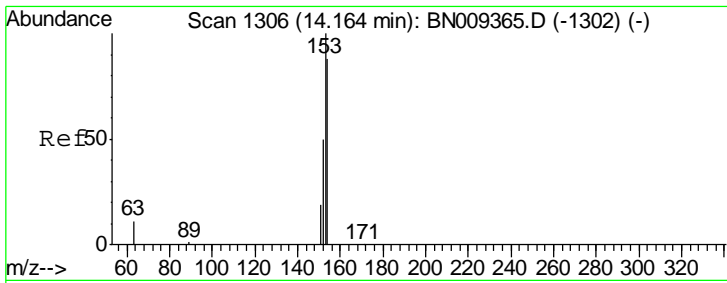
mohammad  
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#16  
 Acenaphthylene  
 Concen: 0.075 ng  
 RT: 13.82 min Scan# 1276  
 Delta R.T. 0.00 min  
 Lab File: BN009402.D  
 Acq: 20 Jan 2020 14:37

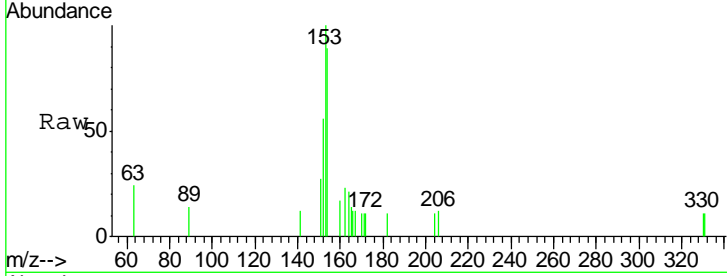
Tgt Ion	Resp	Lower	Upper
152	100		
151	20.7	15.4	23.2
153	13.9	10.4	15.6





#17  
 Acenaphthene  
 Concen: 0.080 ng  
 RT: 14.17 min Scan# 1307  
 Delta R.T. 0.00 min  
 Lab File: BN009402.D  
 Acq: 20 Jan 2020 14:37

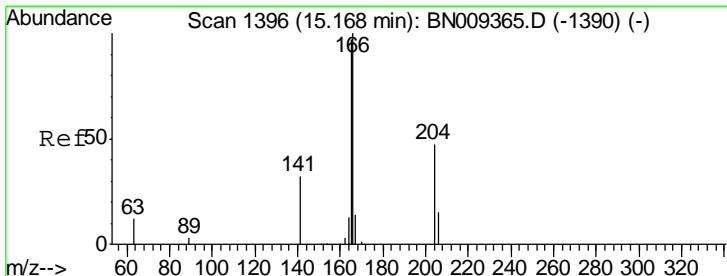
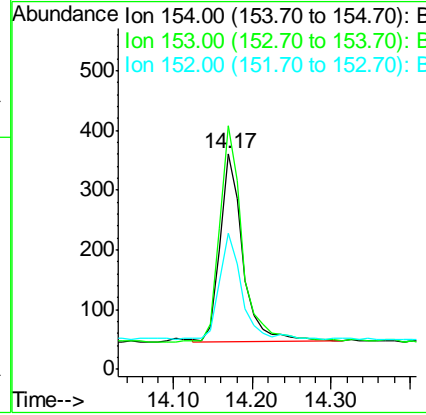
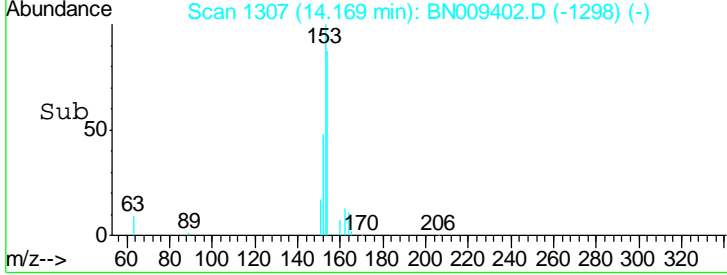
Instrument :  
 BNA\_N  
 ClientSampled :  
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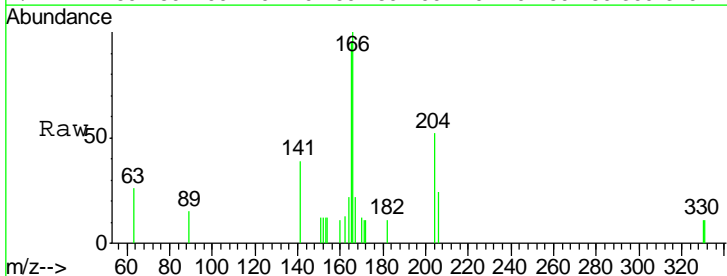
Tgt Ion	Resp	Lower	Upper
154	633		
153	114.7	90.5	135.7
152	56.9	45.3	67.9

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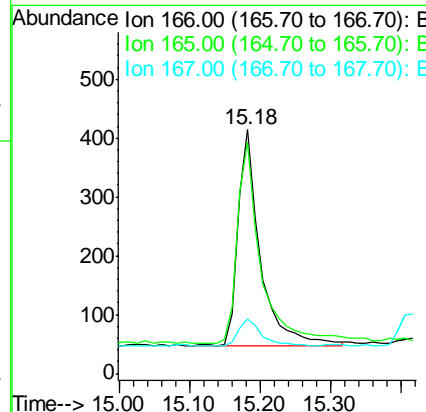
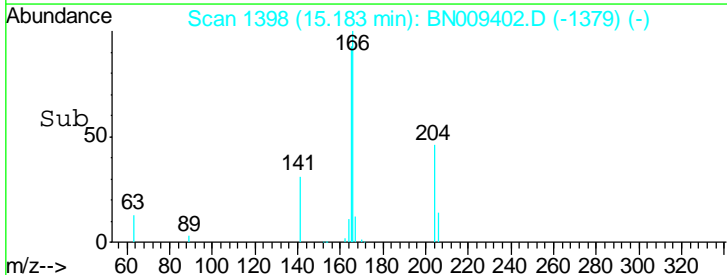
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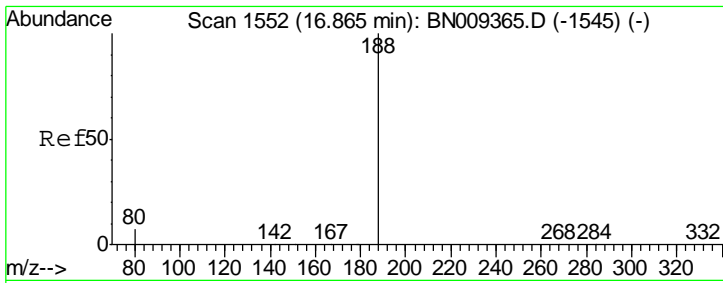


#18  
 Fluorene  
 Concen: 0.080 ng  
 RT: 15.18 min Scan# 1398  
 Delta R.T. 0.02 min  
 Lab File: BN009402.D  
 Acq: 20 Jan 2020 14:37



Tgt Ion	Resp	Lower	Upper
166	825		
165	96.2	78.2	117.2
167	13.5	11.0	16.6



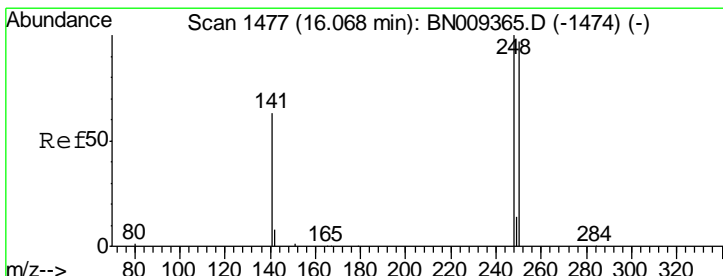
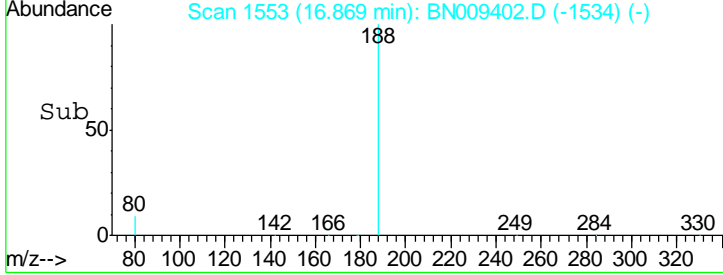
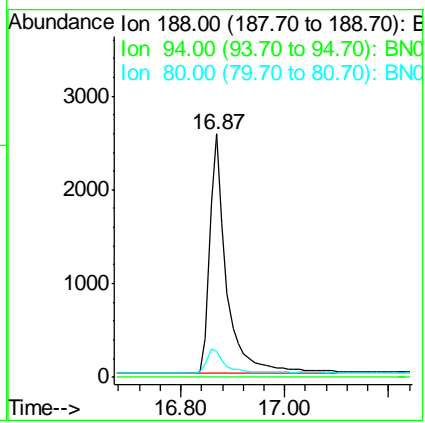
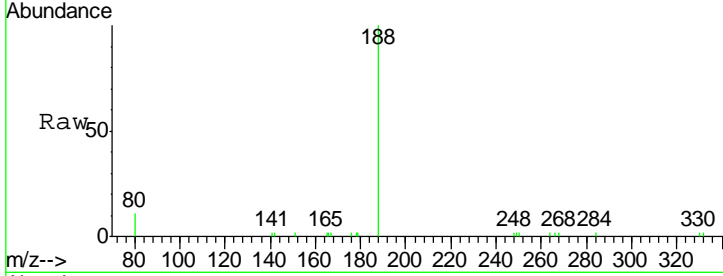


#19  
 Phenanthrene-d10  
 Concen: 0.400 ng  
 RT: 16.87 min Scan# 1553  
 Delta R.T. 0.00 min  
 Lab File: BN009402.D  
 Acq: 20 Jan 2020 14:37

**Instrument :**  
 BNA\_N  
**Client Sampled :**  
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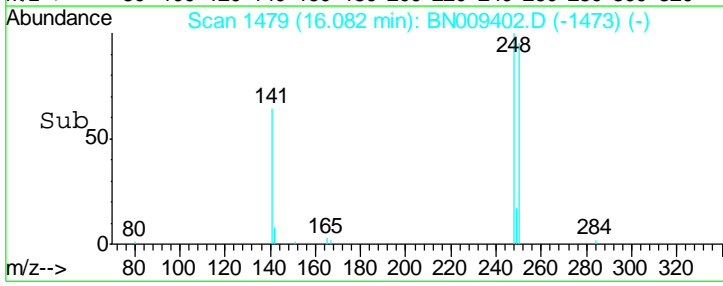
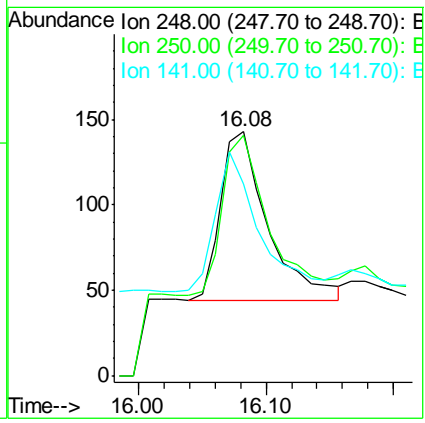
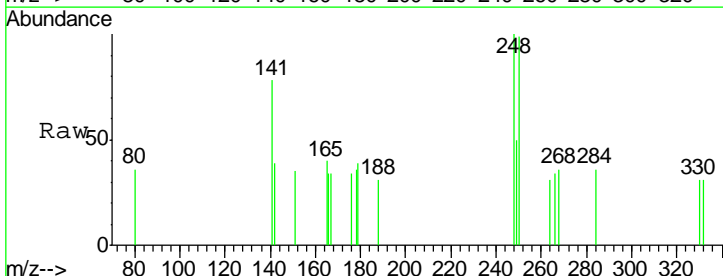
Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.5	6.6	10.0#

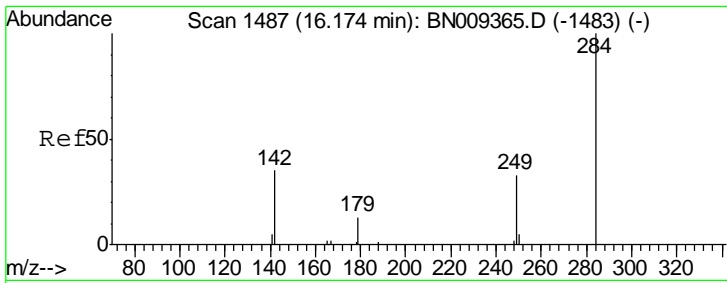
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#20  
 4-Bromophenyl-phenylether  
 Concen: 0.073 ng  
 RT: 16.08 min Scan# 1479  
 Delta R.T. 0.01 min  
 Lab File: BN009402.D  
 Acq: 20 Jan 2020 14:37

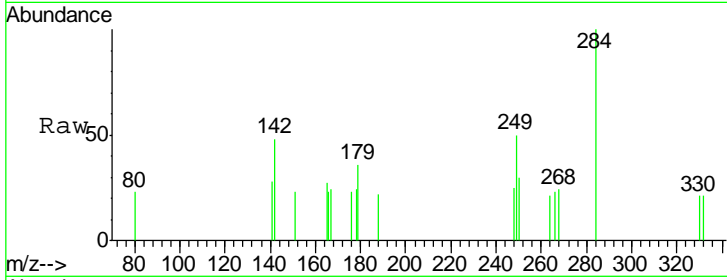
Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.6	77.8	116.8
141	78.3	53.4	80.0





#21  
 Hexachlorobenzene  
 Concen: 0.075 ng  
 RT: 16.18 min Scan# 1488  
 Delta R.T. 0.00 min  
 Lab File: BN009402.D  
 Acq: 20 Jan 2020 14:37

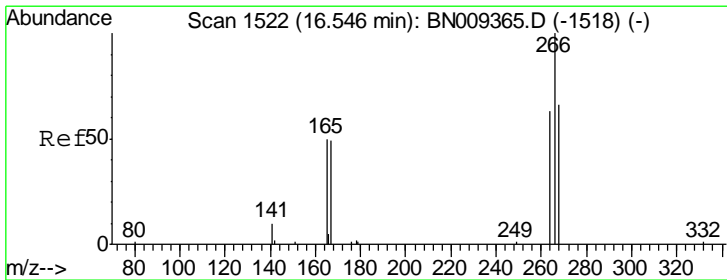
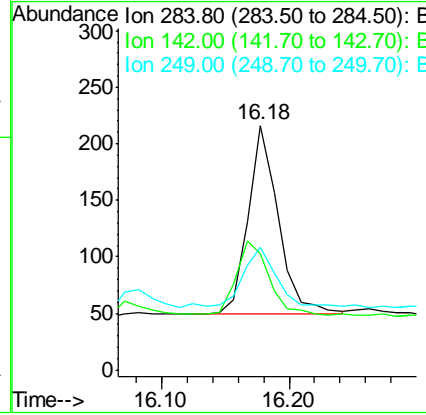
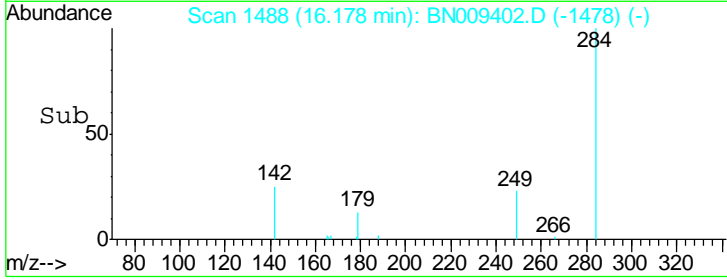
Instrument :  
 BNA\_N  
 ClientSampled :  
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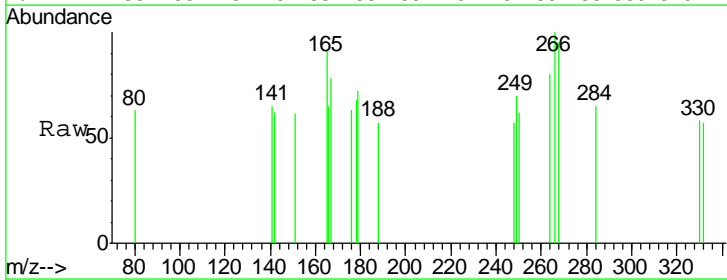
Tgt Ion: 284 Resp: 279

Ion	Ratio	Lower	Upper
284	100		
142	42.7	33.8	50.8
249	37.3	27.0	40.4

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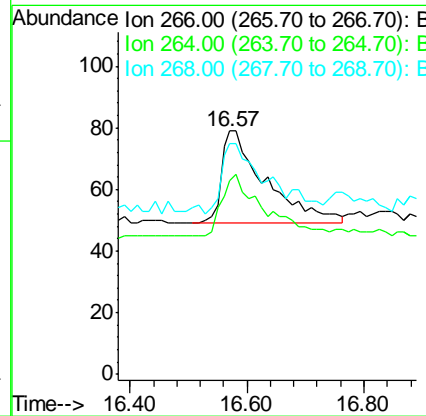
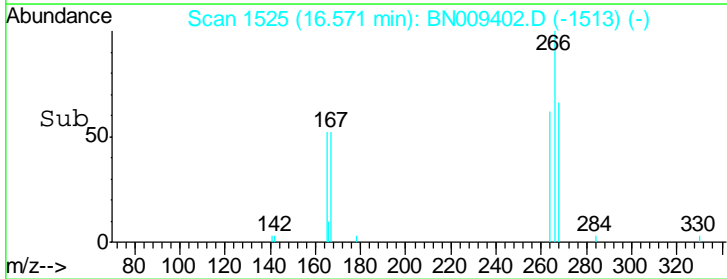


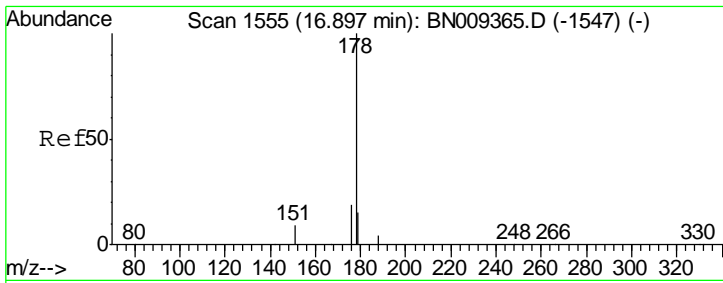
#22  
 Pentachlorophenol  
 Concen: 0.151 ng  
 RT: 16.57 min Scan# 1525  
 Delta R.T. 0.03 min  
 Lab File: BN009402.D  
 Acq: 20 Jan 2020 14:37



Tgt Ion: 266 Resp: 158

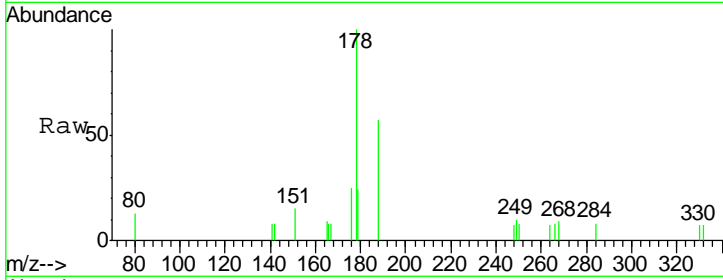
Ion	Ratio	Lower	Upper
266	100		
264	79.7	57.8	86.6
268	94.9	63.8	95.6





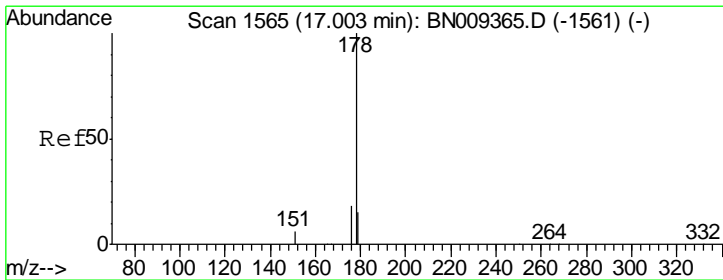
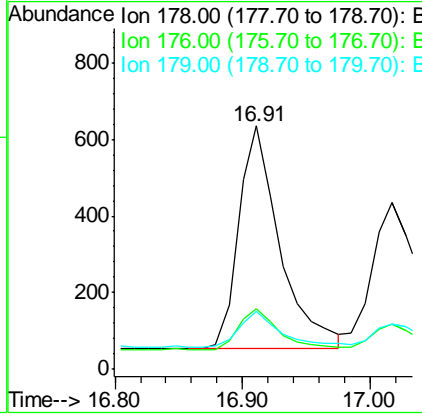
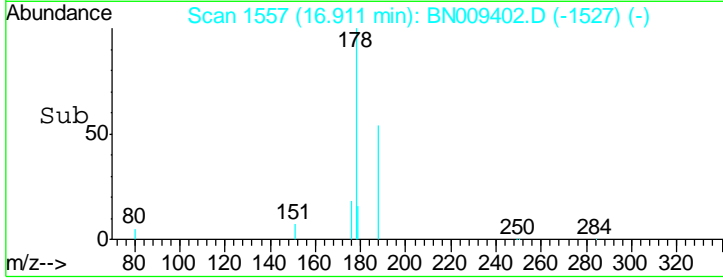
#23  
 Phenanthrene  
 Concen: 0.074 ng  
 RT: 16.91 min Scan# 1557  
 Delta R.T. 0.01 min  
 Lab File: BN009402.D  
 Acq: 20 Jan 2020 14:37

Instrument :  
 BNA\_N  
 ClientSampled :  
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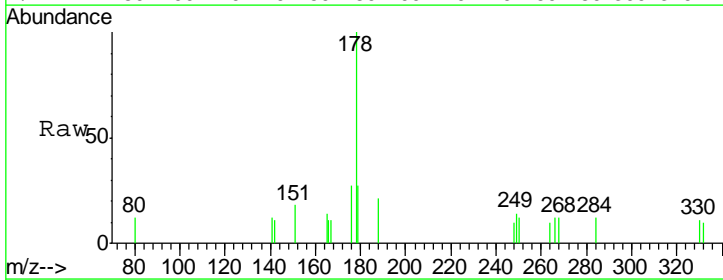


Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	16.4	12.3	18.5

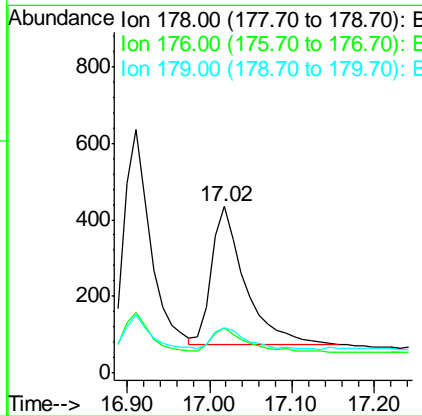
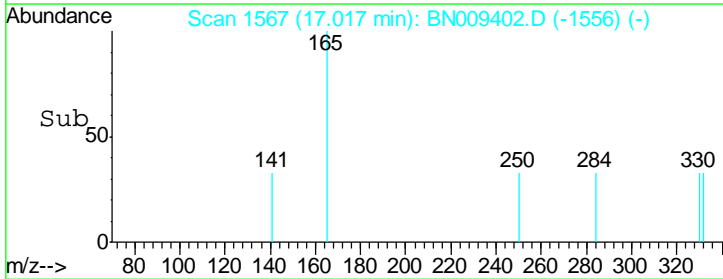
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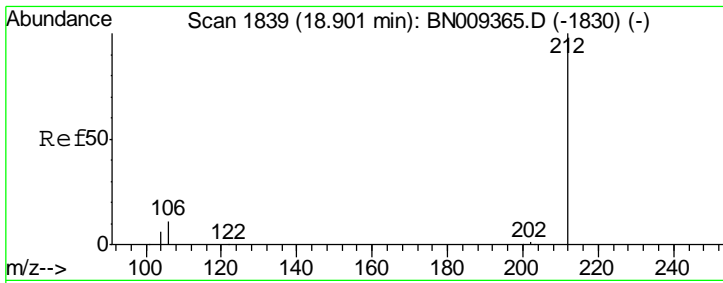


#24  
 Anthracene  
 Concen: 0.069 ng  
 RT: 17.02 min Scan# 1567  
 Delta R.T. 0.01 min  
 Lab File: BN009402.D  
 Acq: 20 Jan 2020 14:37



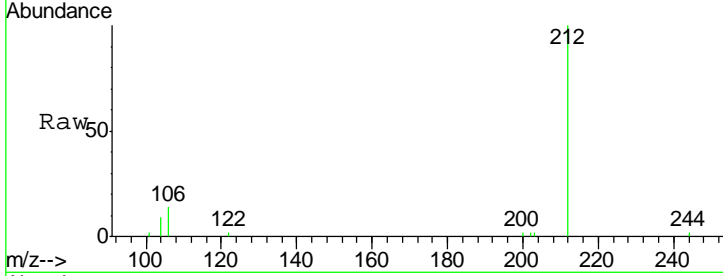
Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.6	21.8
179	16.2	12.5	18.7





#25  
 Fluoranthene-d10  
 Concen: 0.259 ng  
 RT: 18.90 min Scan# 1841  
 Delta R.T. 0.00 min  
 Lab File: BN009402.D  
 Acq: 20 Jan 2020 14:37

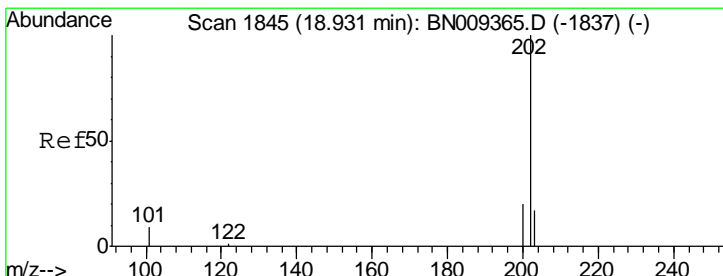
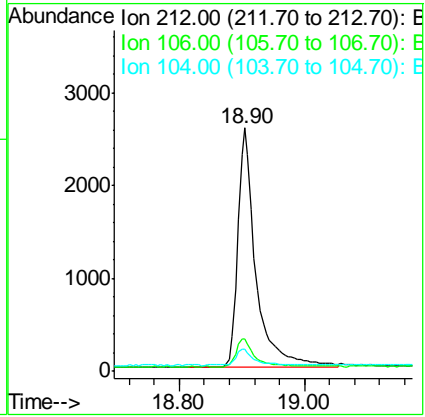
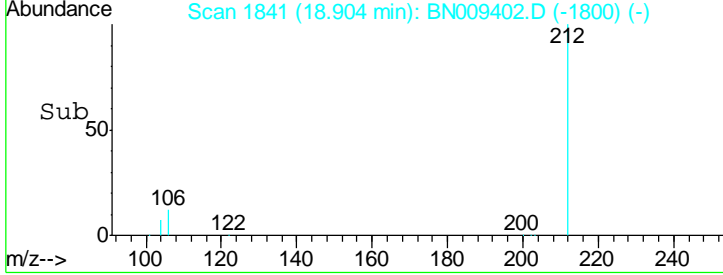
**Instrument :**  
 BNA\_N  
**ClientSampled :**  
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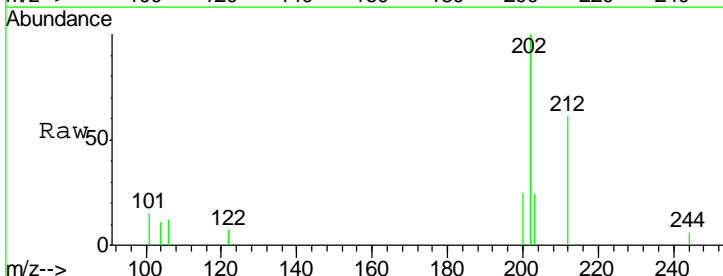
Tgt Ion: 212 Resp: 5181

Ion	Ratio	Lower	Upper
212	100		
106	11.7	9.2	13.8
104	6.7	5.4	8.0

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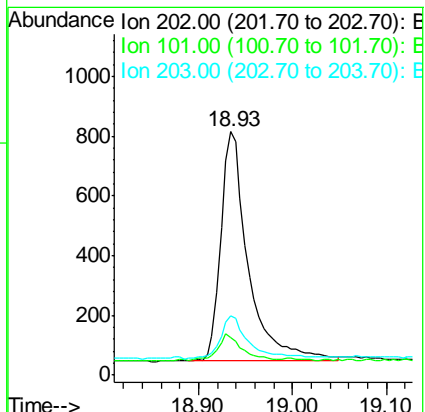
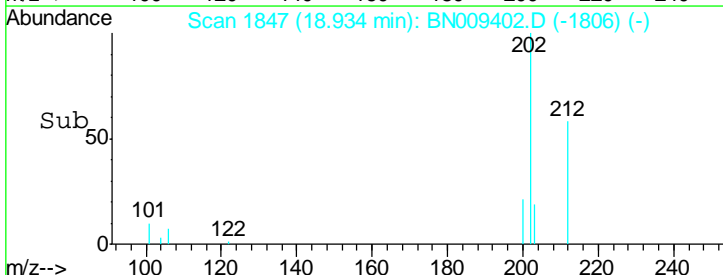


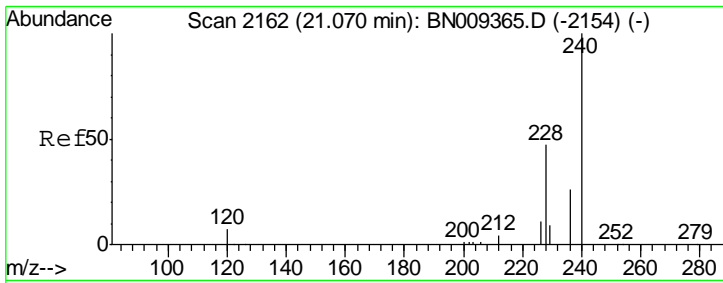
#26  
 Fluoranthene  
 Concen: 0.076 ng  
 RT: 18.93 min Scan# 1847  
 Delta R.T. 0.00 min  
 Lab File: BN009402.D  
 Acq: 20 Jan 2020 14:37



Tgt Ion: 202 Resp: 1564

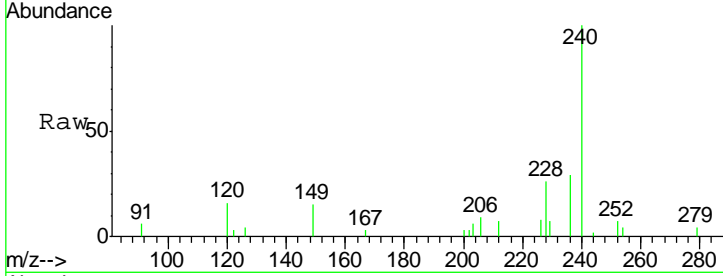
Ion	Ratio	Lower	Upper
202	100		
101	10.8	8.0	12.0
203	18.4	13.5	20.3





#27  
 Chrysene-d12  
 Concen: 0.400 ng  
 RT: 21.07 min Scan# 2163  
 Delta R.T. -0.00 min  
 Lab File: BN009402.D  
 Acq: 20 Jan 2020 14:37

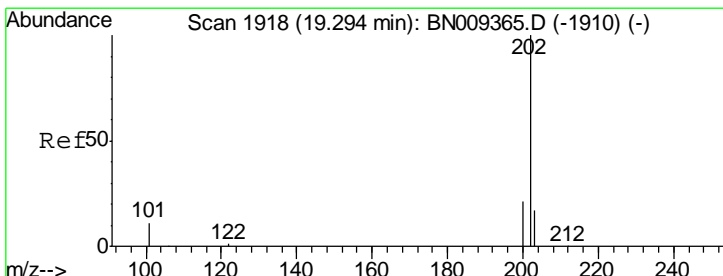
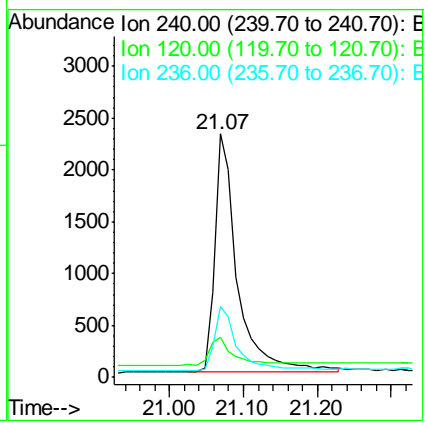
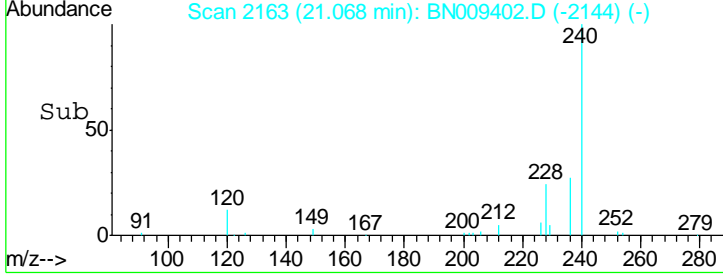
**Instrument :**  
 BNA\_N  
**ClientSampled :**  
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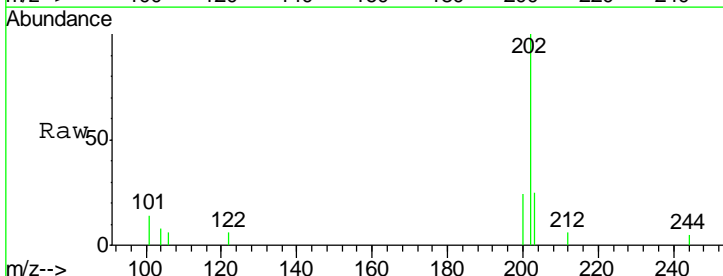
Tgt Ion: 240 Resp: 4993

Ion	Ratio	Lower	Upper
240	100		
120	16.3	8.1	12.1#
236	29.2	22.2	33.4

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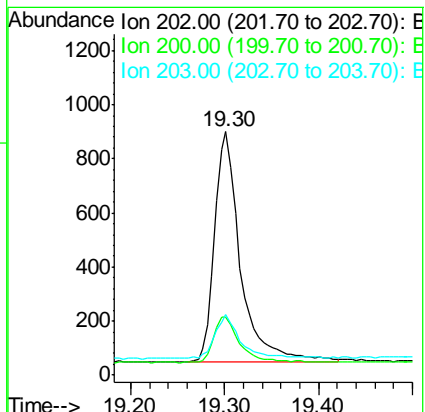
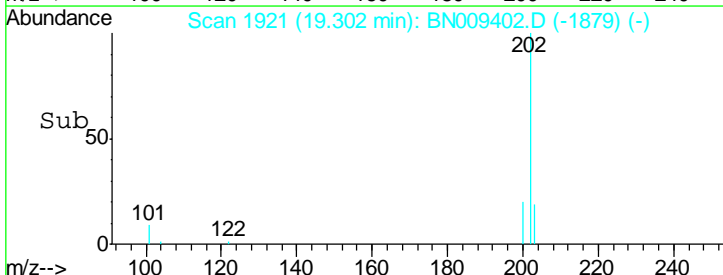


#28  
 Pyrene  
 Concen: 0.086 ng  
 RT: 19.30 min Scan# 1921  
 Delta R.T. 0.01 min  
 Lab File: BN009402.D  
 Acq: 20 Jan 2020 14:37

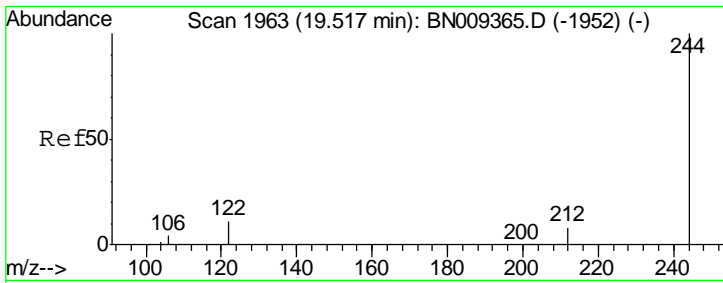


Tgt Ion: 202 Resp: 1630

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.2	24.2
203	18.5	14.1	21.1

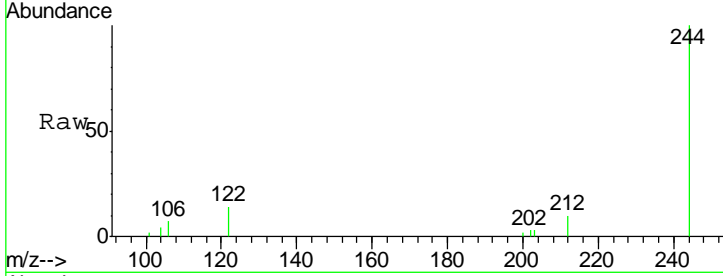






#29  
 Terphenyl-d14  
 Concen: 0.361 ng  
 RT: 19.52 min Scan# 1964  
 Delta R.T. -0.00 min  
 Lab File: BN009402.D  
 Acq: 20 Jan 2020 14:37

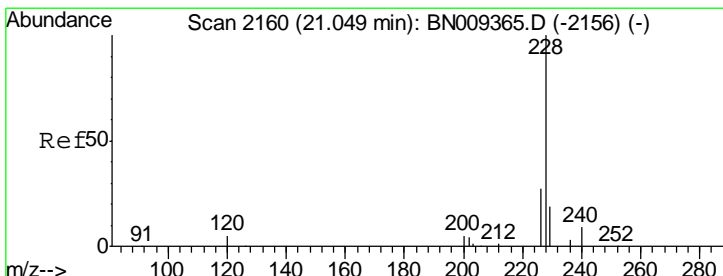
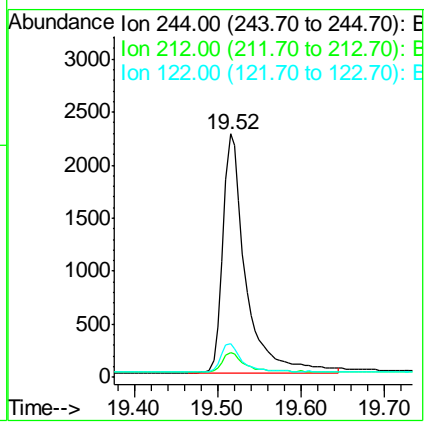
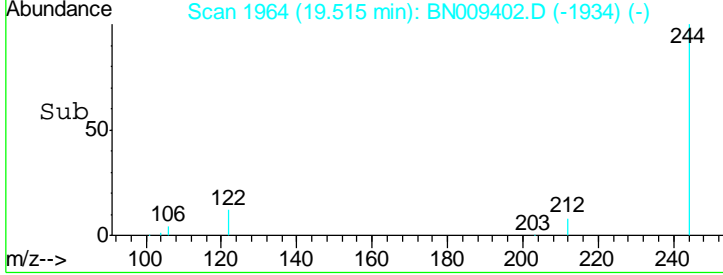
**Instrument :**  
 BNA\_N  
**ClientSampled :**  
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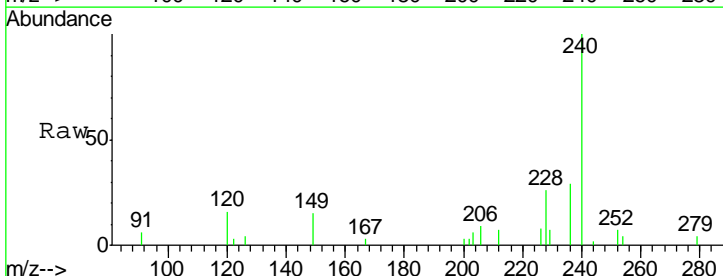
Tgt Ion: 244 Resp: 4273

Ion	Ratio	Lower	Upper
244	100		
212	10.3	7.5	11.3
122	14.1	9.8	14.6

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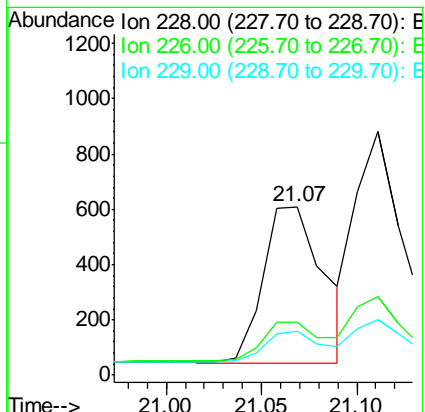
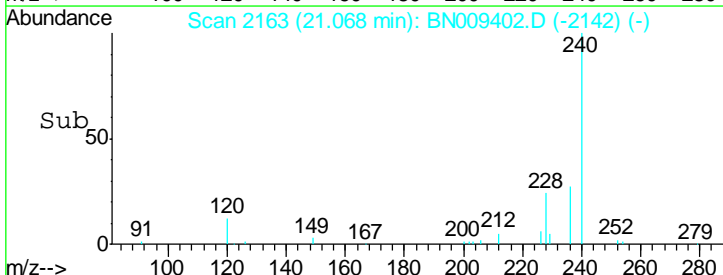


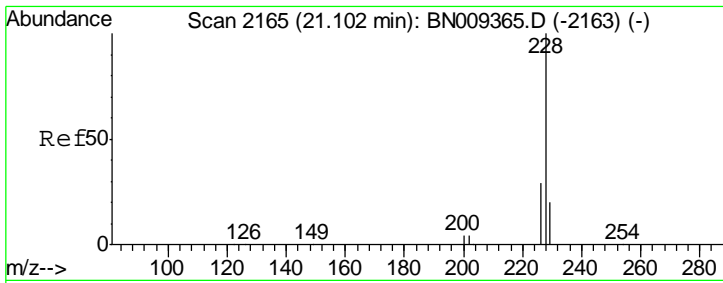
#30  
 Benzo(a)anthracene  
 Concen: 0.076 ng m  
 RT: 21.07 min Scan# 2163  
 Delta R.T. 0.02 min  
 Lab File: BN009402.D  
 Acq: 20 Jan 2020 14:37



Tgt Ion: 228 Resp: 1247

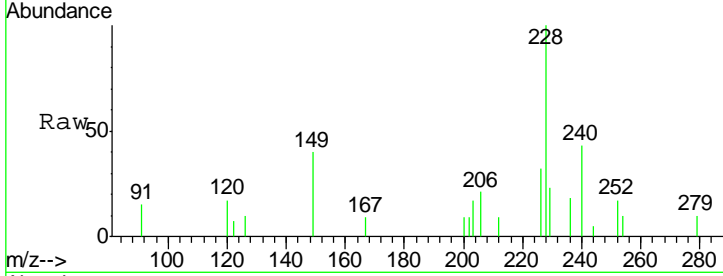
Ion	Ratio	Lower	Upper
228	100		
226	31.7	22.5	33.7
229	25.9	16.1	24.1





#31  
 Chrysene  
 Concen: 0.094 ng m  
 RT: 21.11 min Scan# 2167  
 Delta R.T. 0.01 min  
 Lab File: BN009402.D  
 Acq: 20 Jan 2020 14:37

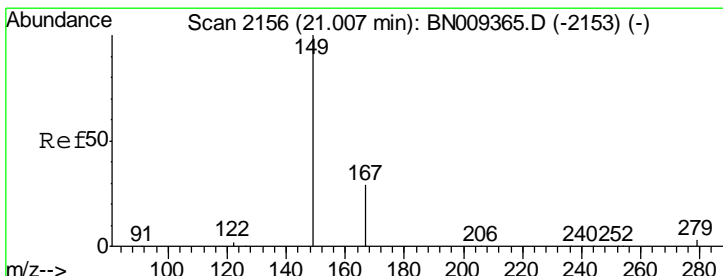
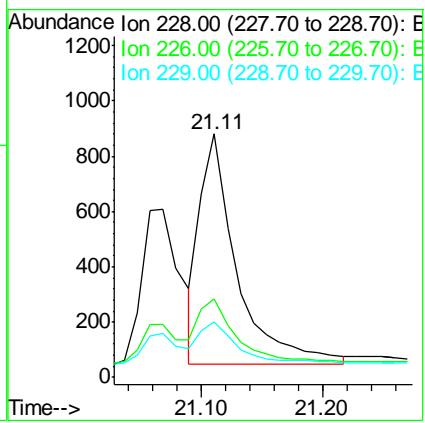
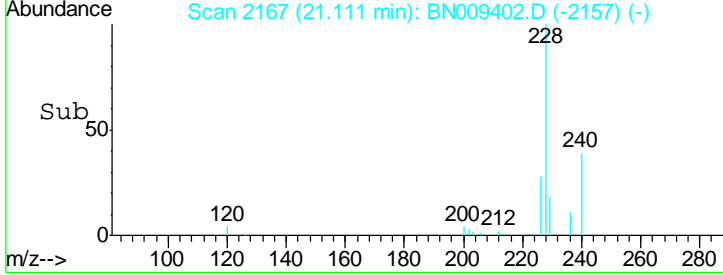
Instrument :  
 BNA\_N  
 ClientSampled :  
 LOQ-SOIL-02-QT4-2019



Tgt Ion: 228 Resp: 1767

Ion	Ratio	Lower	Upper
228	100		
226	32.3	23.8	35.8
229	22.9	16.6	24.8

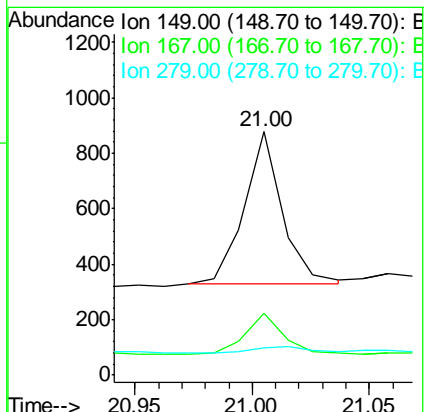
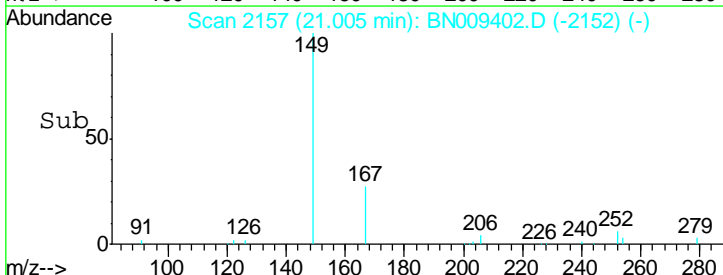
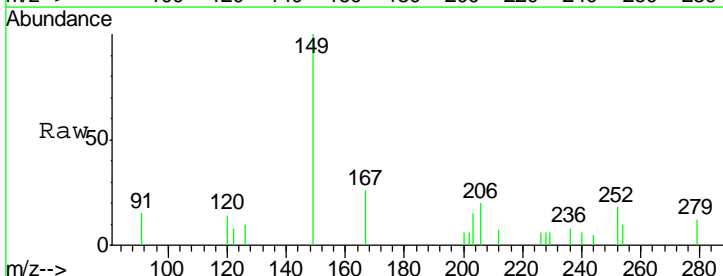
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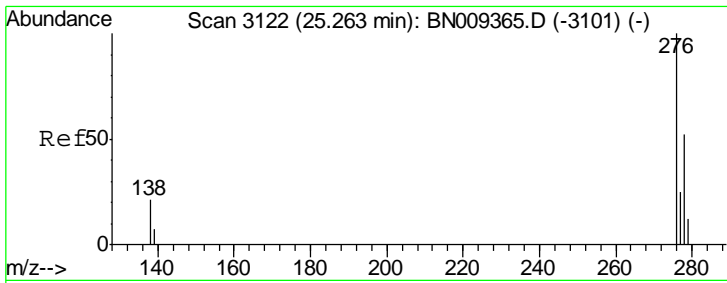


#32  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.085 ng  
 RT: 21.00 min Scan# 2157  
 Delta R.T. -0.00 min  
 Lab File: BN009402.D  
 Acq: 20 Jan 2020 14:37

Tgt Ion: 149 Resp: 615

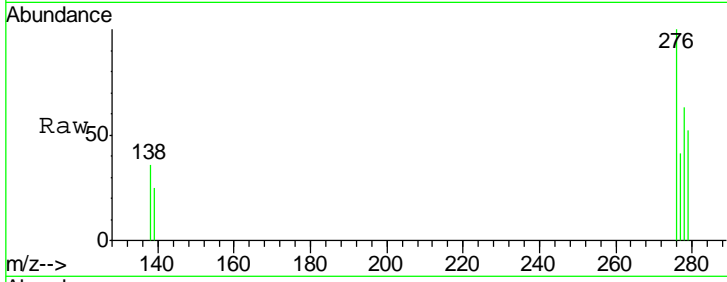
Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.9	34.3
279	5.9	3.4	5.0#





#33  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.077 ng  
 RT: 25.29 min Scan# 3132  
 Delta R.T. 0.03 min  
 Lab File: BN009402.D  
 Acq: 20 Jan 2020 14:37

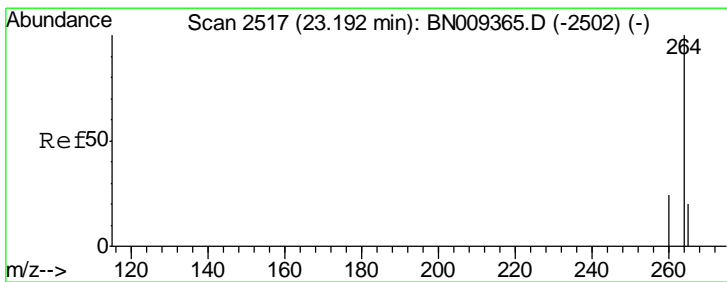
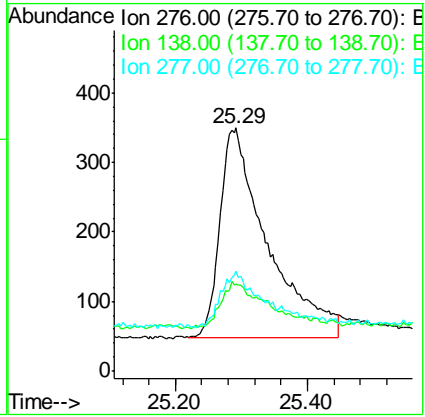
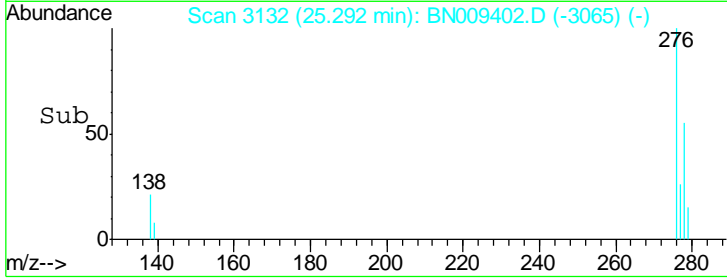
**Instrument :**  
 BNA\_N  
**ClientSampled :**  
 LOQ-SOIL-02-QT4-2019



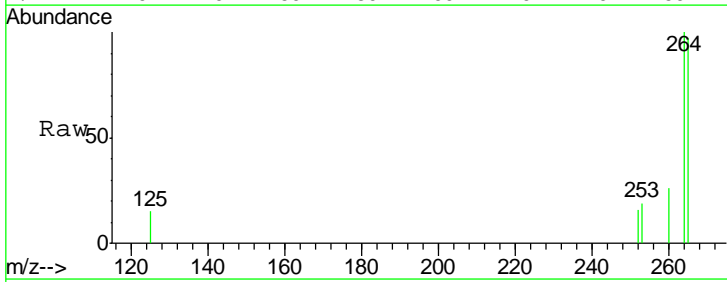
Tgt Ion: 276 Resp: 1508

Ion	Ratio	Lower	Upper
276	100		
138	19.5	15.9	23.9
277	18.0	19.8	29.6#

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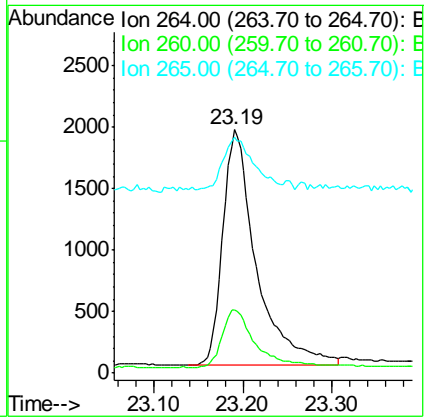
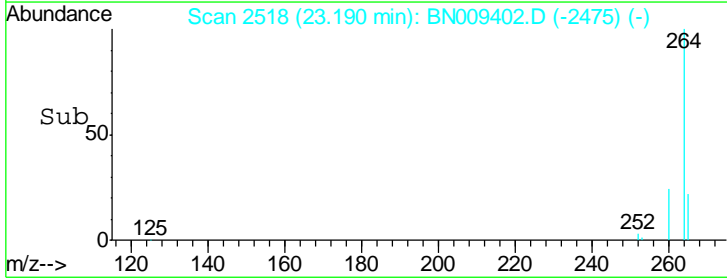


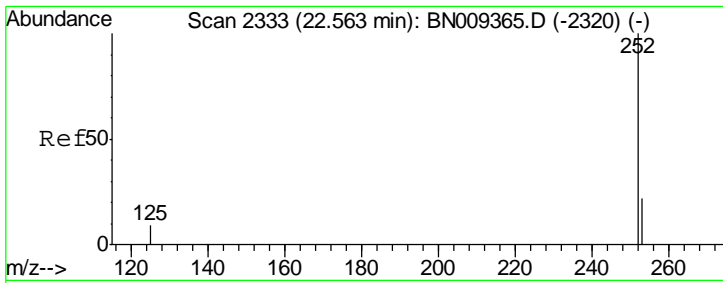
#34  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.19 min Scan# 2518  
 Delta R.T. -0.00 min  
 Lab File: BN009402.D  
 Acq: 20 Jan 2020 14:37



Tgt Ion: 264 Resp: 5008

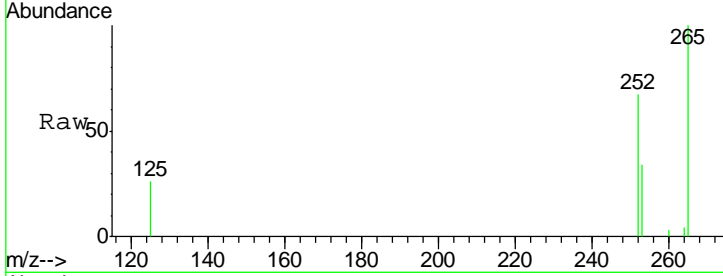
Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.1	30.1
265	96.7	68.2	102.4





#35  
 Benzo(b)fluoranthene  
 Concen: 0.074 ng  
 RT: 22.57 min Scan# 2337  
 Delta R.T. 0.01 min  
 Lab File: BN009402.D  
 Acq: 20 Jan 2020 14:37

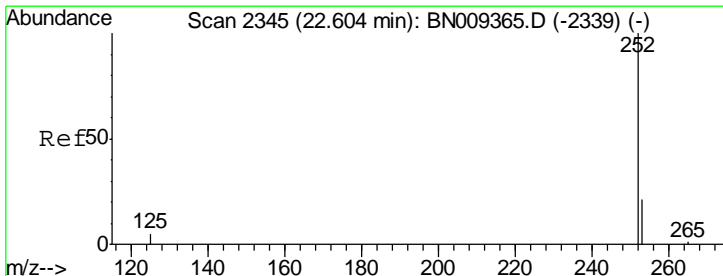
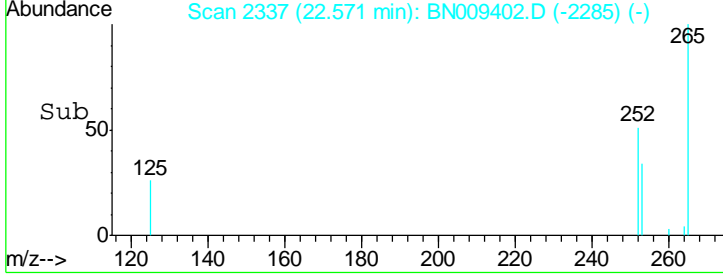
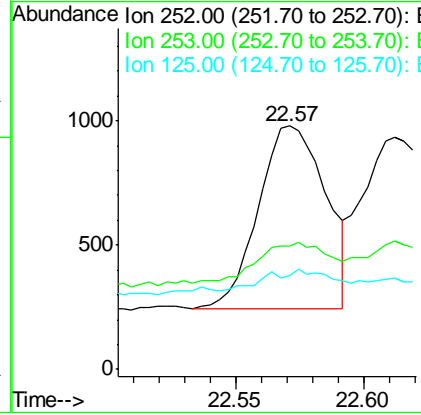
Instrument :  
 BNA\_N  
 ClientSampled :  
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Tgt Ion	Resp	Lower	Upper
252	1356		
252	100		
253	50.6	22.4	33.6#
125	38.8	11.6	17.4#

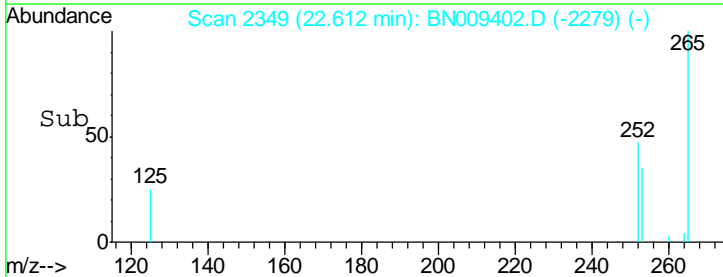
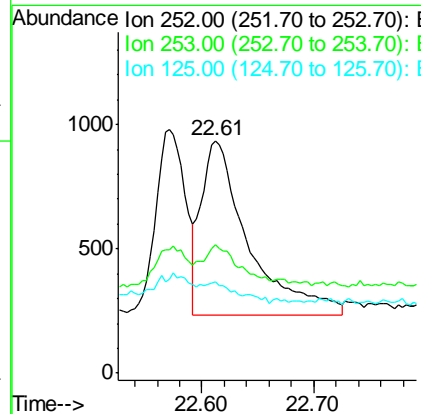
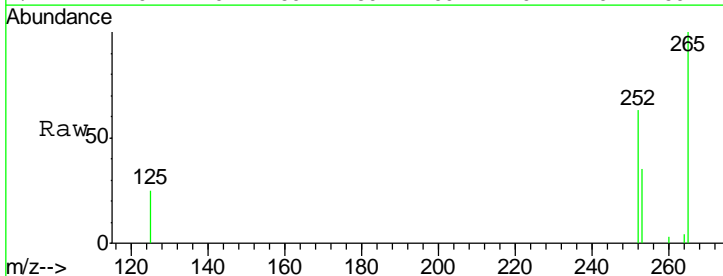
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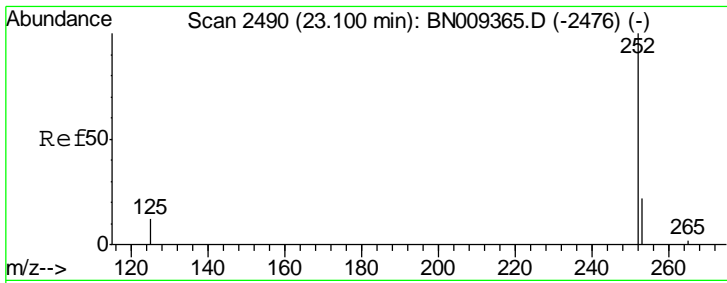
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#36  
 Benzo(k)fluoranthene  
 Concen: 0.100 ng m  
 RT: 22.61 min Scan# 2349  
 Delta R.T. 0.01 min  
 Lab File: BN009402.D  
 Acq: 20 Jan 2020 14:37

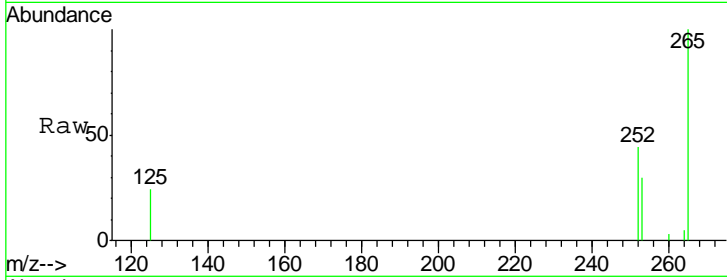
Tgt Ion	Resp	Lower	Upper
252	2043		
252	100		
253	55.0	21.9	32.9#
125	39.4	12.0	18.0#





#37  
 Benzo(a)pyrene  
 Concen: 0.084 ng  
 RT: 23.11 min Scan# 2495  
 Delta R.T. 0.01 min  
 Lab File: BN009402.D  
 Acq: 20 Jan 2020 14:37

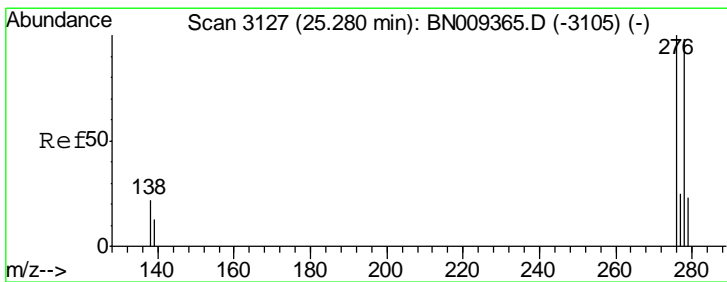
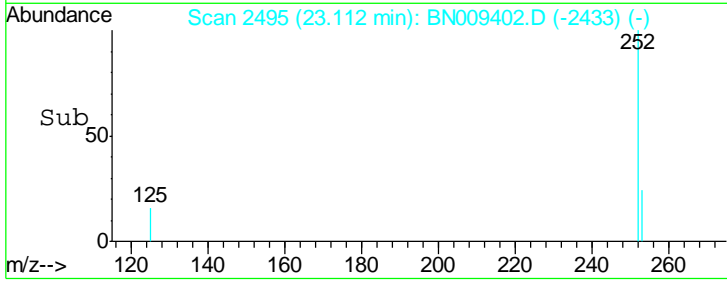
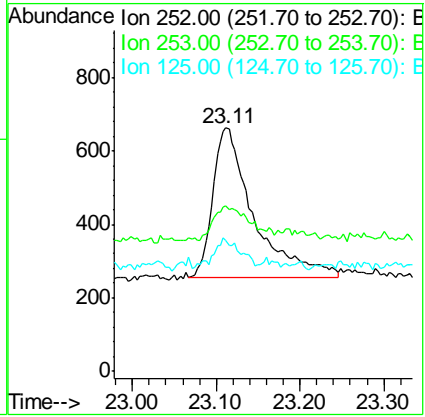
**Instrument :**  
 BNA\_N  
**ClientSampled :**  
 LOQ-SOIL-02-QT4-2019



Tgt Ion: 252 Resp: 1358

Ion	Ratio	Lower	Upper
252	100		
253	68.0	25.4	38.0#
125	53.8	16.2	24.2#

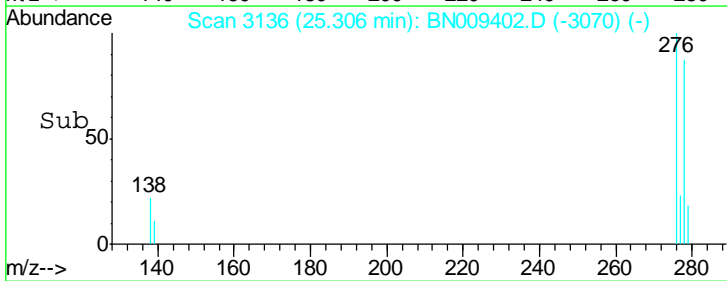
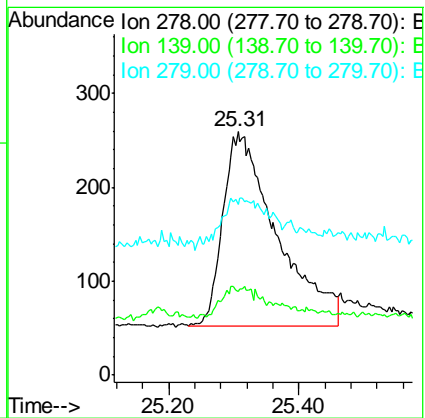
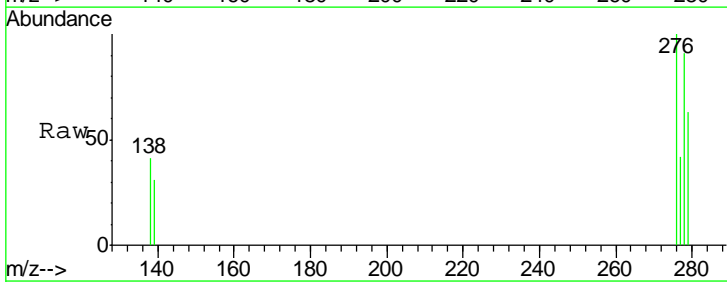
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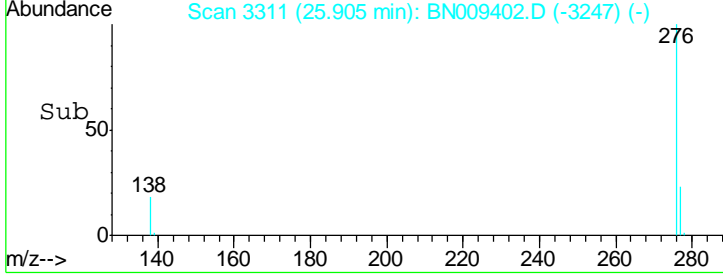
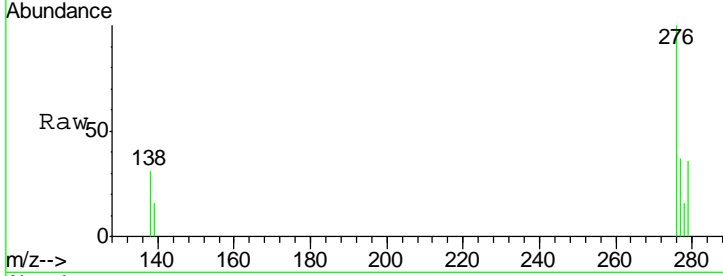
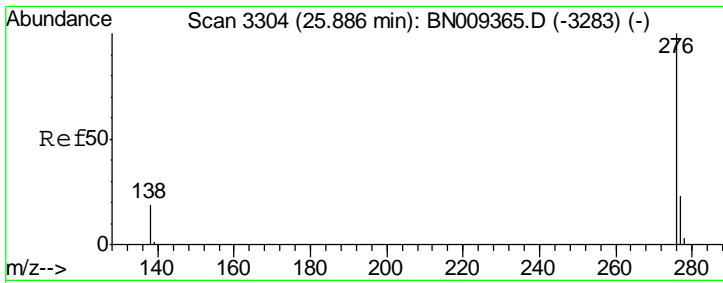


#38  
 Dibenzo(a,h)anthracene  
 Concen: 0.073 ng  
 RT: 25.31 min Scan# 3136  
 Delta R.T. 0.03 min  
 Lab File: BN009402.D  
 Acq: 20 Jan 2020 14:37

Tgt Ion: 278 Resp: 1189

Ion	Ratio	Lower	Upper
278	100		
139	34.4	14.5	21.7#
279	69.9	24.2	36.4#





#39  
 Benzo(a,h,i)perylene  
 Concen: 0.083 ng  
 RT: 25.90 min Scan# 3311  
 Delta R.T. 0.02 min  
 Lab File: BN009402.D  
 Acq: 20 Jan 2020 14:37

Tot Ion	276	Resp	1496
Ion	Ratio	Lower	Upper
276	100		
277	36.8	20.6	30.8#
138	31.2	17.1	25.7#

**Instrument :**  
 BNA\_N  
**ClientSampled :**  
 LOQ-SOIL-02-QT4-2019

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