Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092520\
Data File : BN011949.D
Acq On : 25 Sep 2020 14:31
Operator : CG/JU
Sample : L4083-15MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : RE109D3-20200917MSD

Quant Time: Sep 25 15:17:32 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 25 11:18:41 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.683	152	2147	0.40	ng		0.00
7) Naphthalene-d8	10.453	136	8746	0.40	ng		# 0.00
13) Acenaphthene-d10	14.306	164	4581	0.40	ng		0.00
19) Phenanthrene-d10	17.053	188	9171	0.40	ng		# 0.00
29) Chrysene-d12	21.259	240	8524	0.40	ng		# 0.00
36) Perylene-d12	23.467	264	8708	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.283	112	713	0.09	ng		0.00
5) Phenol-d6	6.853	99	556	0.06	ng		0.00
8) Nitrobenzene-d5	8.818	82	2455	0.27	ng		0.00
11) 2-Methylnaphthalene-d10	12.046	152	3415	0.25	ng		0.00
14) 2,4,6-Tribromophenol	15.803	330	547	0.25	ng		0.00
15) 2-Fluorobiphenyl	12.923	172	6218	0.36	ng		-0.01
27) Fluoranthene-d10	19.092	212	8069	0.30	ng		0.00
31) Terphenyl-d14	19.698	244	7450	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.245	88	12316	3.30	ng		92
3) n-Nitrosodimethylamine	3.568	42	578	0.11	ng	#	98
6) bis(2-Chloroethyl)ether	7.111	93	1688	0.21	ng	#	86
9) Naphthalene	10.504	128	5495	0.22	ng		99
10) Hexachlorobutadiene	10.795	225	747	0.18	ng	#	99
12) 2-Methylnaphthalene	12.122	142	3499	0.22	ng		97
16) Acenaphthylene	14.027	152	4955	0.22	ng		99
17) Acenaphthene	14.370	154	3226	0.21	ng		91
18) Fluorene	15.359	166	4067	0.22	ng		100
20) 4,6-Dinitro-2-methylph...	15.448	198	415	0.24	ng	#	6
21) 4-Bromophenyl-phenylether	16.250	248	1094	0.22	ng	#	51
22) Hexachlorobenzene	16.372	284	1307	0.23	ng	#	82
23) Atrazine	16.530	200	1042	0.22	ng		93
24) Pentachlorophenol	16.713	266	1963	0.71	ng		99
25) Phenanthrene	17.102	178	6804	0.24	ng		99
26) Anthracene	17.187	178	6079	0.25	ng		98
28) Fluoranthene	19.122	202	8378	0.27	ng	#	95
30) Pyrene	19.484	202	8582	0.27	ng		99
32) Benzo(a)anthracene	21.237	228	7347	0.27	ng		97
33) Chrysene	21.290	228	7605	0.26	ng		98
34) Bis(2-ethylhexyl)phtha...	21.174	149	5910	0.31	ng	#	91
35) Indeno(1,2,3-cd)pyrene	25.678	276	9053	0.27	ng	#	92
37) Benzo(b)fluoranthene	22.803	252	7862	0.26	ng	#	74
38) Benzo(k)fluoranthene	22.847	252	8579	0.27	ng	#	78
39) Benzo(a)pyrene	23.371	252	6581	0.24	ng	#	58
40) Dibenzo(a,h)anthracene	25.691	278	7478	0.26	ng	#	80
41) Benzo(g,h,i)perylene	26.356	276	7866	0.26	ng	#	89

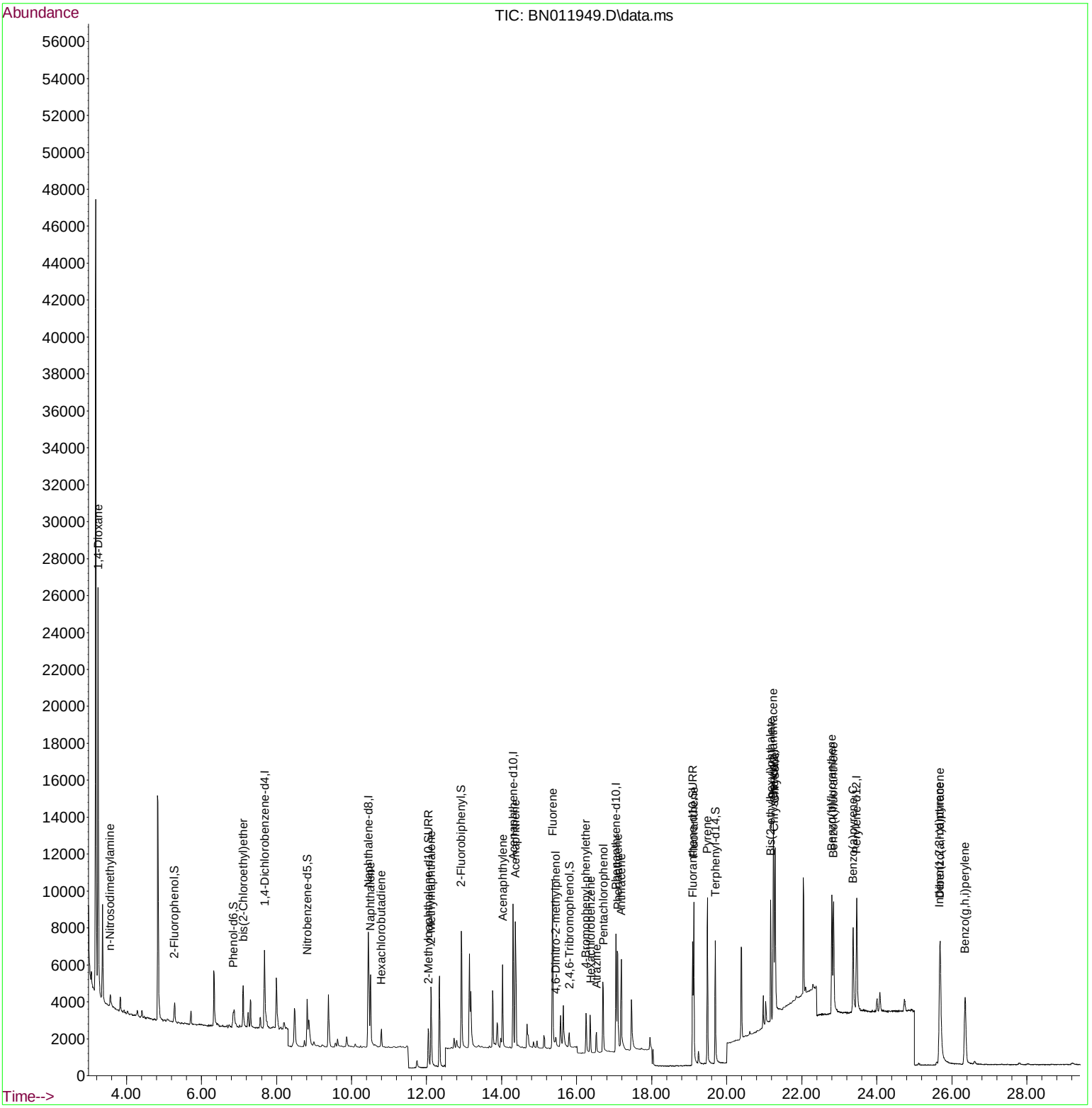
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

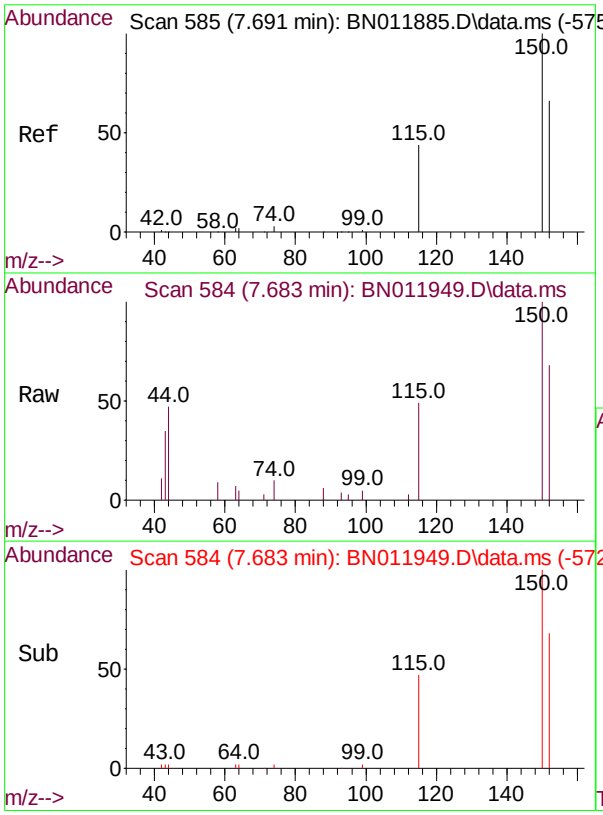
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092520\
Data File : BN011949.D
Acq On : 25 Sep 2020 14:31
Operator : CG/JU
Sample : L4083-15MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE109D3-20200917MSD

Quant Time: Sep 25 15:17:32 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 25 11:18:41 2020
Response via : Initial Calibration



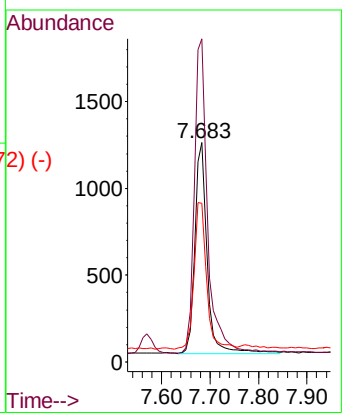
Instrument :
BNA_N
ClientSampleId :
RE109D3-20200917MSD

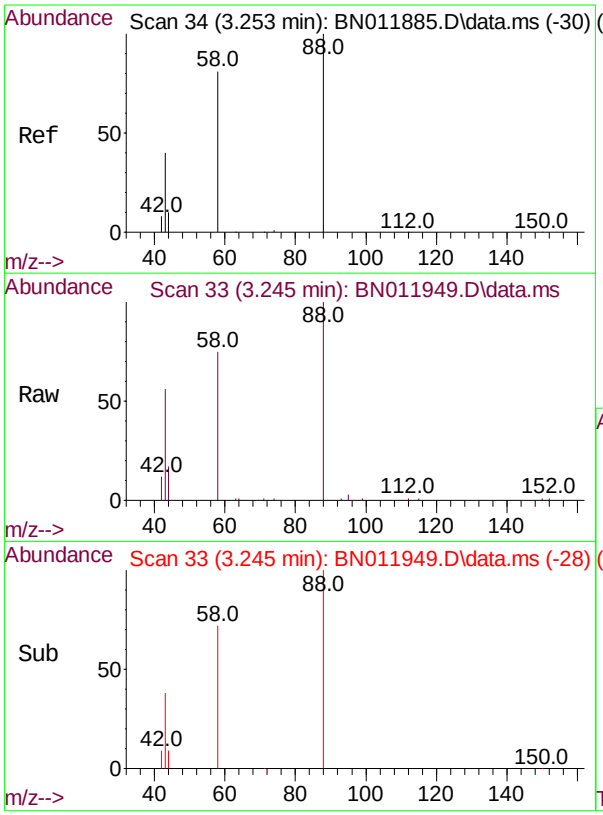


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.683 min Scan# 584
Delta R.T. -0.000 min
Lab File: BN011949.D
Acq: 25 Sep 2020 14:31

Tgt Ion:152 Resp: 2147

Ion	Ratio	Lower	Upper
152	100		
150	147.4	118.3	177.5
115	72.4	51.3	76.9

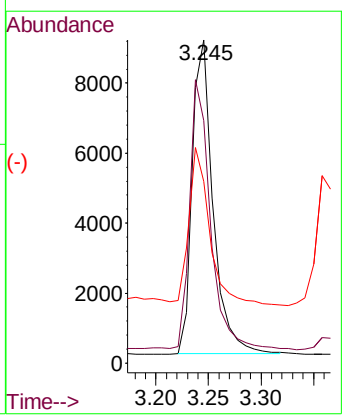




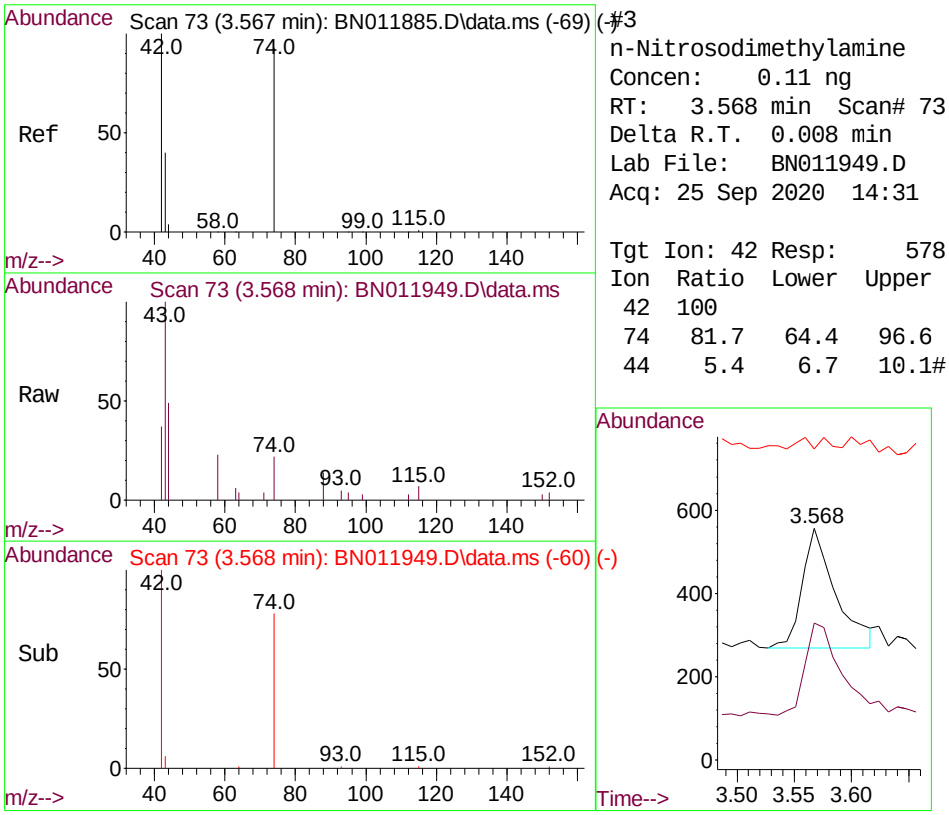
#2
1,4-Dioxane
Concen: 3.30 ng
RT: 3.245 min Scan# 33
Delta R.T. -0.008 min
Lab File: BN011949.D
Acq: 25 Sep 2020 14:31

Tgt Ion: 88 Resp: 12316

Ion	Ratio	Lower	Upper
88	100		
58	83.9	63.3	94.9
43	49.2	33.0	49.4



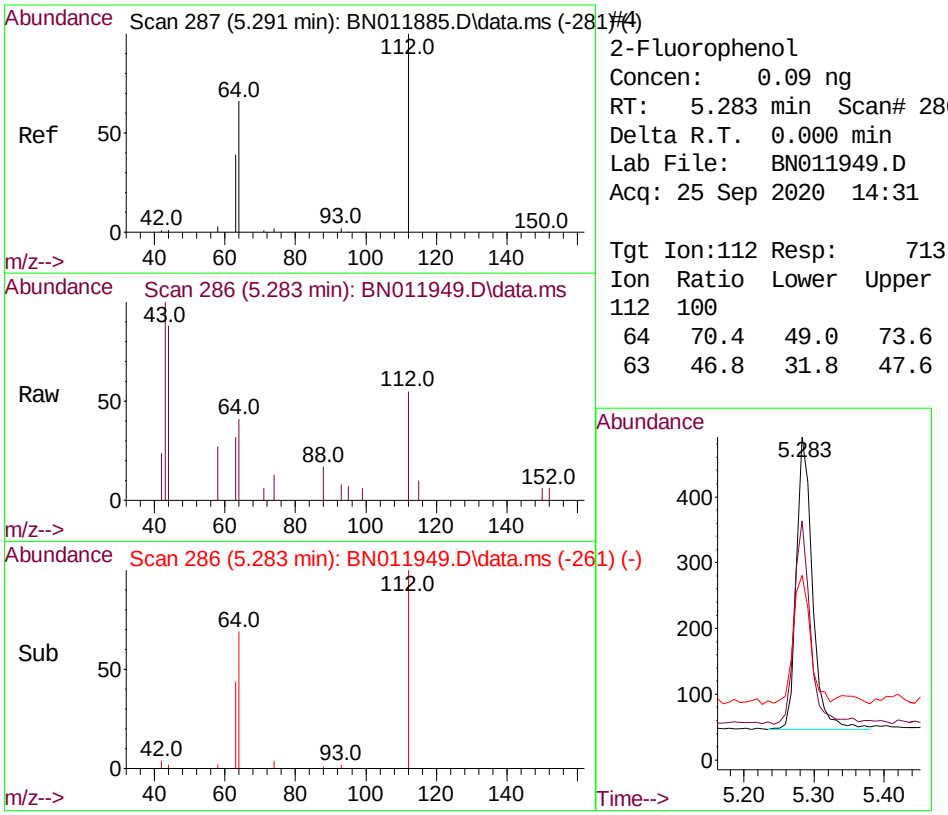
Instrument :
BNA_N
ClientSampleId :
RE109D3-20200917MSD



#3
n-Nitrosodimethylamine
Concen: 0.11 ng
RT: 3.568 min Scan# 73
Delta R.T. 0.008 min
Lab File: BN011949.D
Acq: 25 Sep 2020 14:31

Tgt Ion: 42 Resp: 578

Ion	Ratio	Lower	Upper
42	100		
74	81.7	64.4	96.6
44	5.4	6.7	10.1#

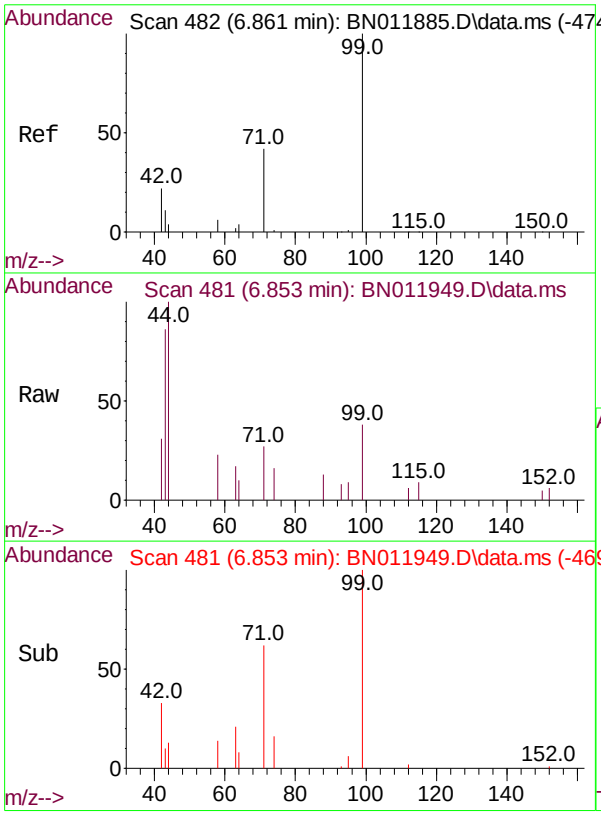


#4
2-Fluorophenol
Concen: 0.09 ng
RT: 5.283 min Scan# 286
Delta R.T. 0.000 min
Lab File: BN011949.D
Acq: 25 Sep 2020 14:31

Tgt Ion:112 Resp: 713

Ion	Ratio	Lower	Upper
112	100		
64	70.4	49.0	73.6
63	46.8	31.8	47.6

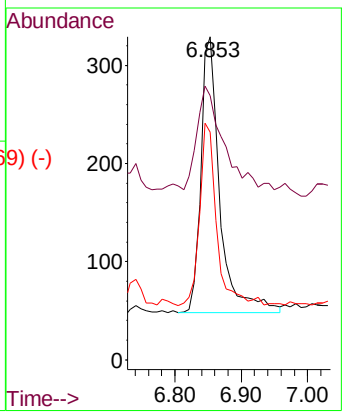
Instrument :
BNA_N
ClientSampleId :
RE109D3-20200917MSD

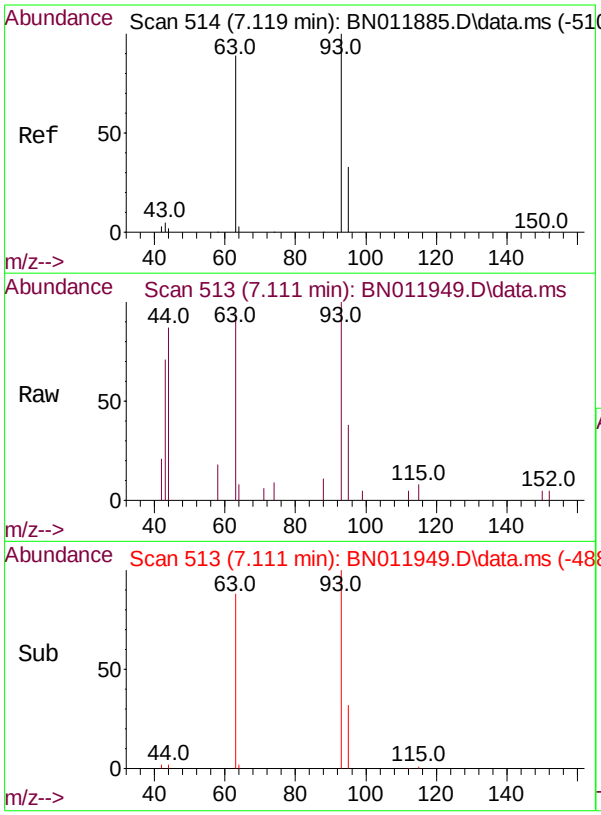


#5
Phenol-d6
Concen: 0.06 ng
RT: 6.853 min Scan# 481
Delta R.T. 0.000 min
Lab File: BN011949.D
Acq: 25 Sep 2020 14:31

Tgt Ion: 99 Resp: 556

Ion	Ratio	Lower	Upper
99	100		
42	52.5	23.4	35.0#
71	60.3	38.1	57.1#

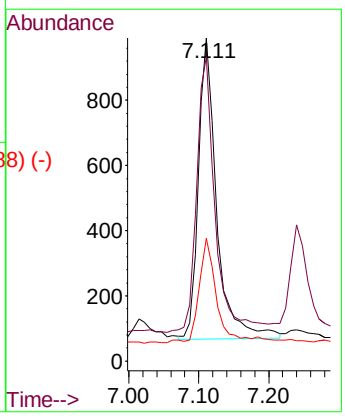




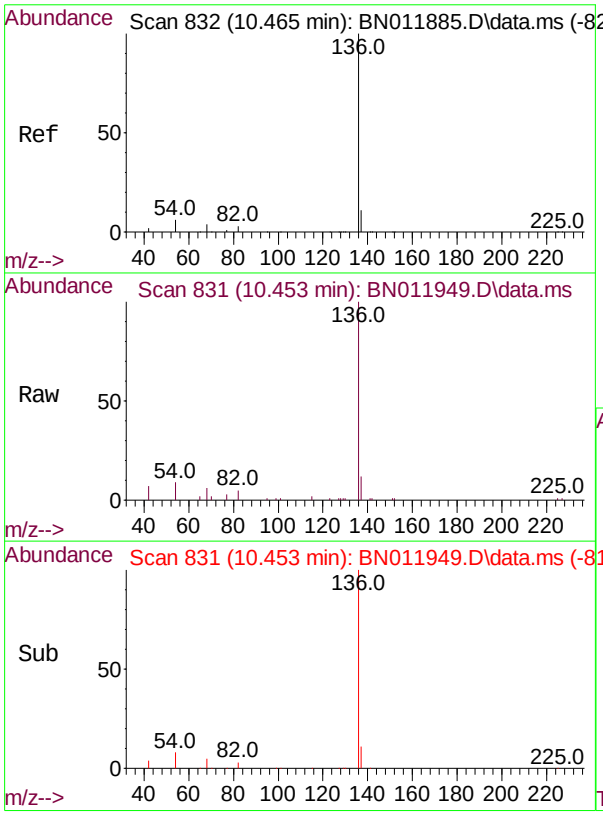
#6
bis(2-Chloroethyl)ether
Concen: 0.21 ng
RT: 7.111 min Scan# 513
Delta R.T. 0.000 min
Lab File: BN011949.D
Acq: 25 Sep 2020 14:31

Tgt Ion: 93 Resp: 1688

Ion	Ratio	Lower	Upper
93	100		
63	93.2	61.1	91.7#
95	32.5	25.5	38.3



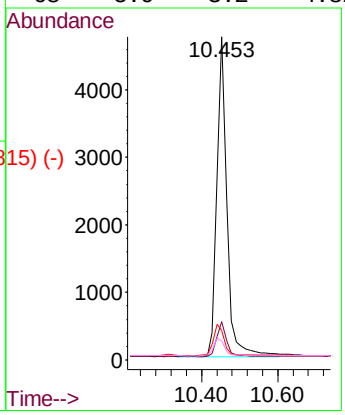
Instrument :
BNA_N
ClientSampleId :
RE109D3-20200917MSD

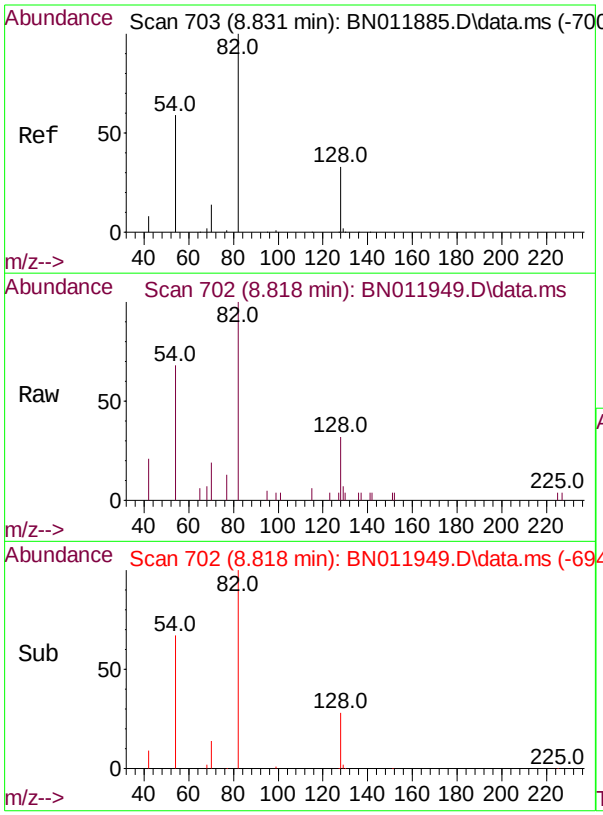


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.453 min Scan# 831
Delta R.T. 0.000 min
Lab File: BN011949.D
Acq: 25 Sep 2020 14:31

Tgt Ion:136 Resp: 8746

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.5	14.3
54	9.1	5.6	8.4#
68	5.9	3.2	4.8#

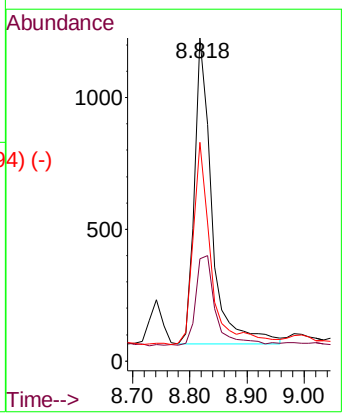




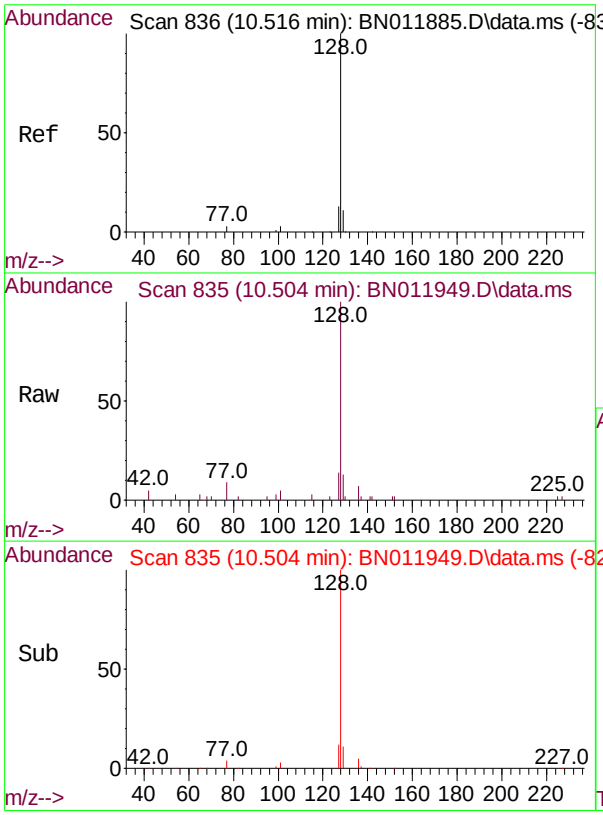
#8
Nitrobenzene-d5
Concen: 0.27 ng
RT: 8.818 min Scan# 702
Delta R.T. 0.000 min
Lab File: BN011949.D
Acq: 25 Sep 2020 14:31

Tgt Ion: 82 Resp: 2455

Ion	Ratio	Lower	Upper
82	100		
128	31.6	34.2	51.2#
54	67.8	43.1	64.7#



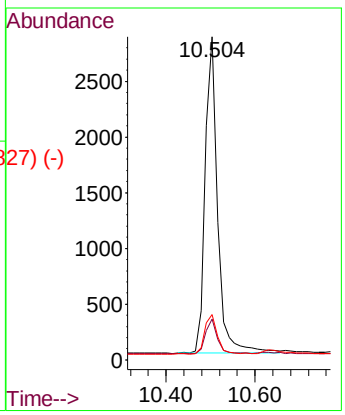
Instrument :
BNA_N
ClientSampleId :
RE109D3-20200917MSD

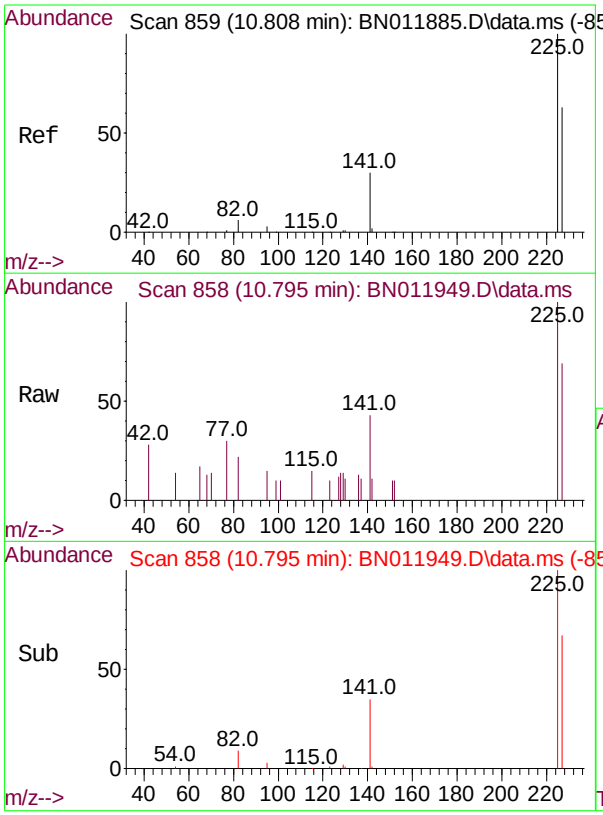


#9
Naphthalene
Concen: 0.22 ng
RT: 10.504 min Scan# 835
Delta R.T. 0.000 min
Lab File: BN011949.D
Acq: 25 Sep 2020 14:31

Tgt Ion:128 Resp: 5495

Ion	Ratio	Lower	Upper
128	100		
129	12.7	9.7	14.5
127	14.0	11.0	16.4

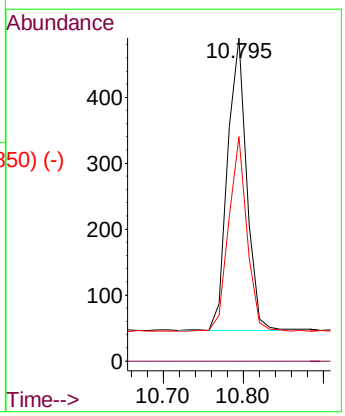




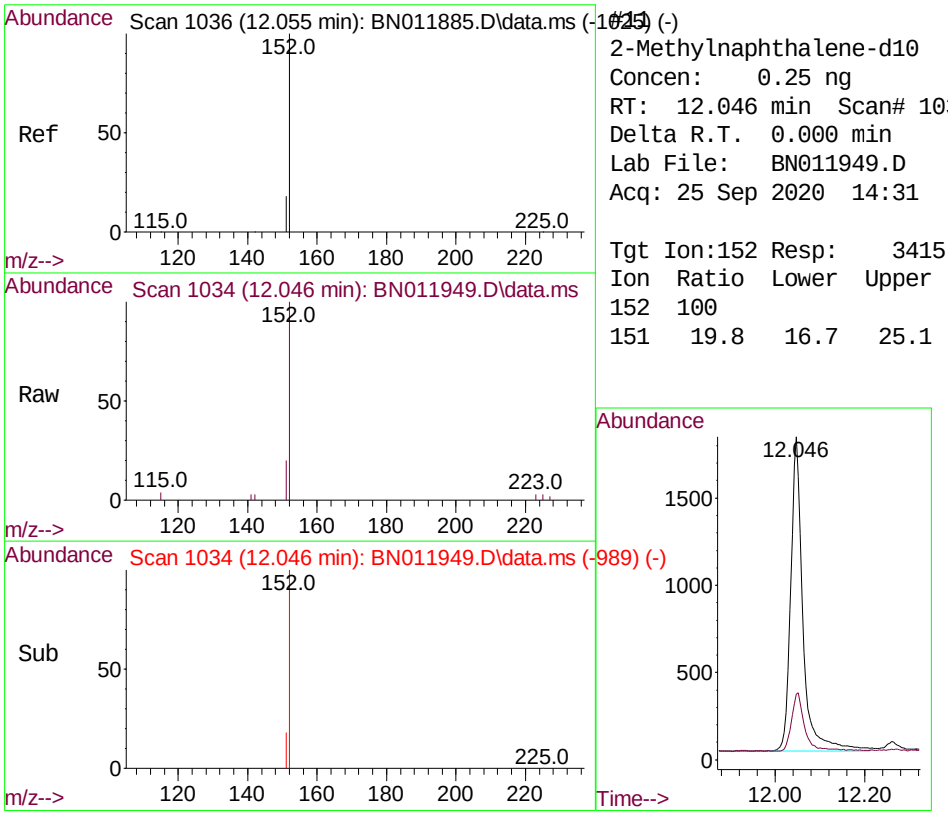
#10
Hexachlorobutadiene
Concen: 0.18 ng
RT: 10.795 min Scan# 858
Delta R.T. 0.000 min
Lab File: BN011949.D
Acq: 25 Sep 2020 14:31

Tgt Ion:225 Resp: 747

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.7	51.9	77.9



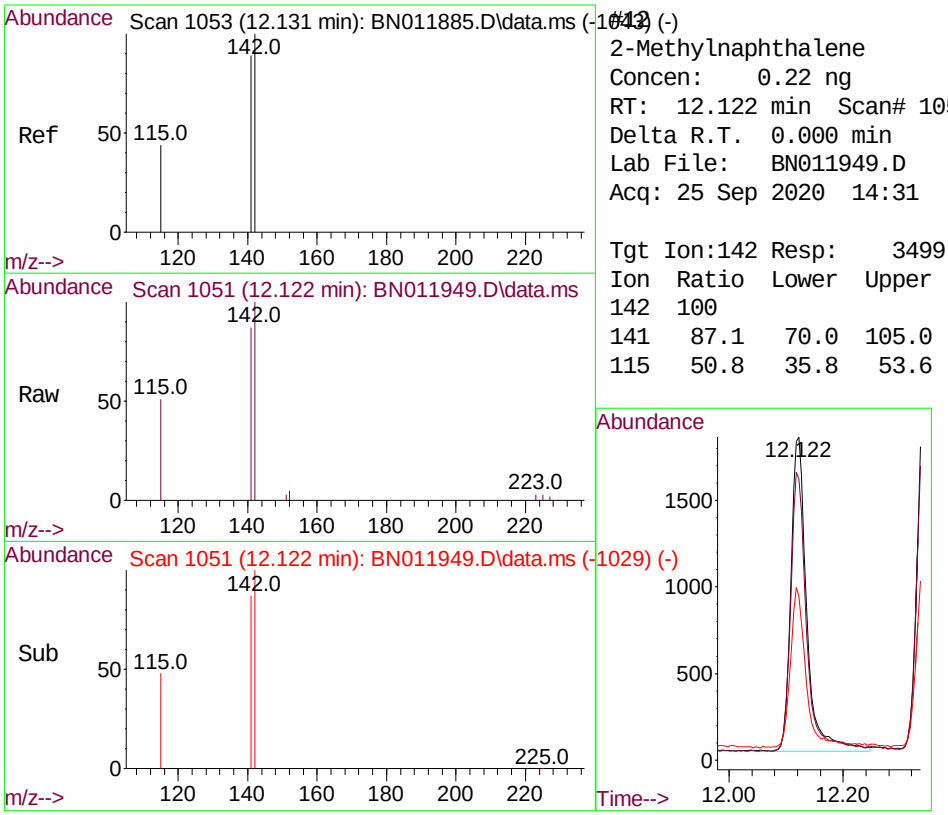
Instrument :
BNA_N
ClientSampleId :
RE109D3-20200917MSD



#11
2-Methylnaphthalene-d10
Concen: 0.25 ng
RT: 12.046 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BN011949.D
Acq: 25 Sep 2020 14:31

Tgt Ion:152 Resp: 3415

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.7	25.1

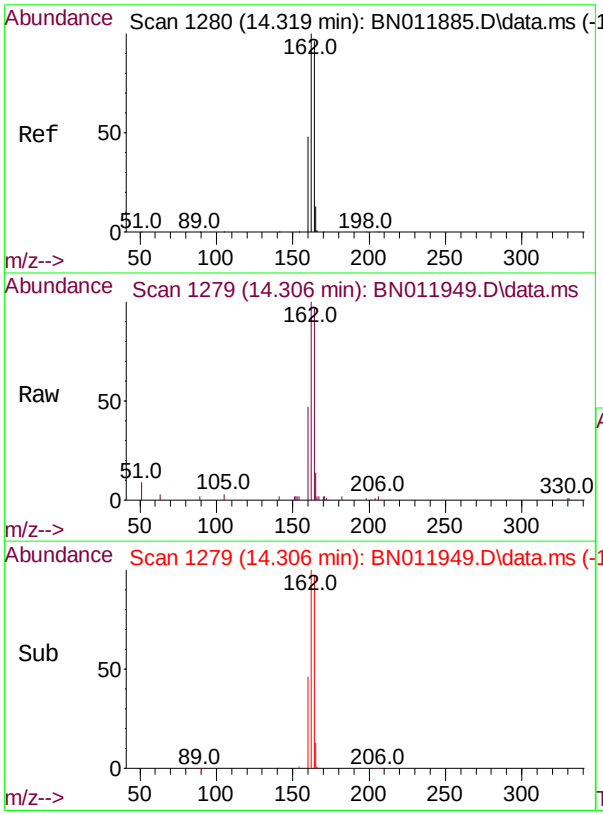


#12
2-Methylnaphthalene
Concen: 0.22 ng
RT: 12.122 min Scan# 1051
Delta R.T. 0.000 min
Lab File: BN011949.D
Acq: 25 Sep 2020 14:31

Tgt Ion:142 Resp: 3499

Ion	Ratio	Lower	Upper
142	100		
141	87.1	70.0	105.0
115	50.8	35.8	53.6

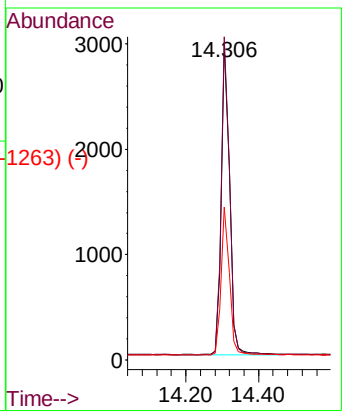
Instrument :
BNA_N
ClientSampleId :
RE109D3-20200917MSD

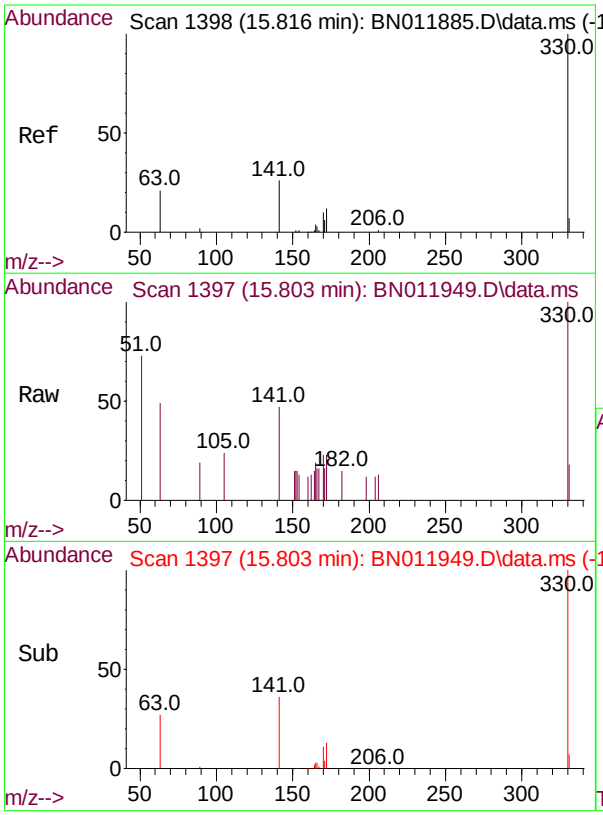


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.306 min Scan# 1279
Delta R.T. 0.000 min
Lab File: BN011949.D
Acq: 25 Sep 2020 14:31

Tgt Ion:164 Resp: 4581

Ion	Ratio	Lower	Upper
164	100		
162	102.9	83.6	125.4
160	48.6	41.2	61.8

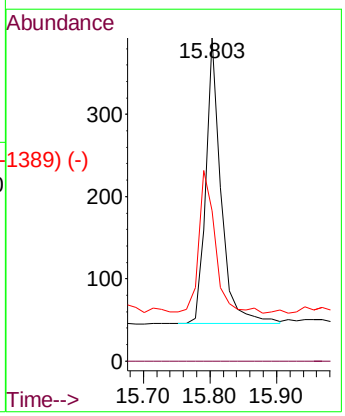




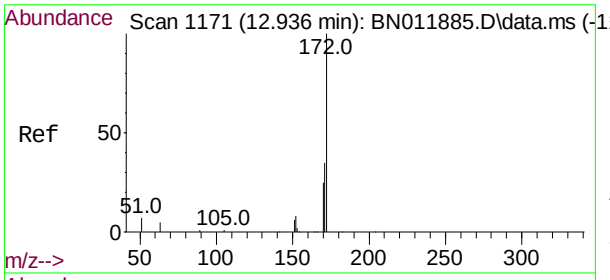
#14
2,4,6-Tribromophenol
Concen: 0.25 ng
RT: 15.803 min Scan# 1397
Delta R.T. 0.000 min
Lab File: BN011949.D
Acq: 25 Sep 2020 14:31

Tgt Ion:330 Resp: 547

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	51.9	33.7	50.5#



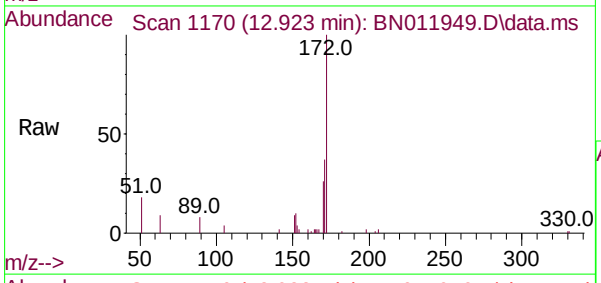
Instrument :
BNA_N
ClientSampleId :
RE109D3-20200917MSD

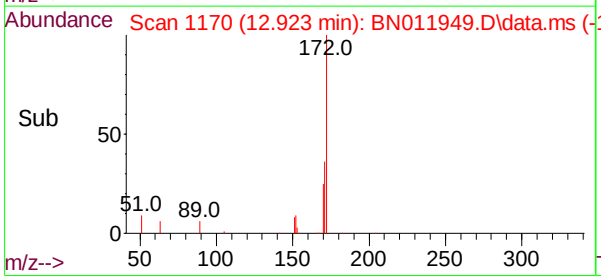


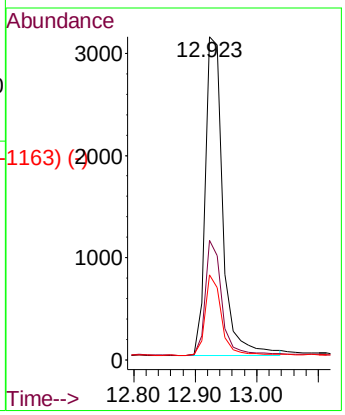
#15
2-Fluorobiphenyl
Concen: 0.36 ng
RT: 12.923 min Scan# 1170
Delta R.T. -0.013 min
Lab File: BN011949.D
Acq: 25 Sep 2020 14:31

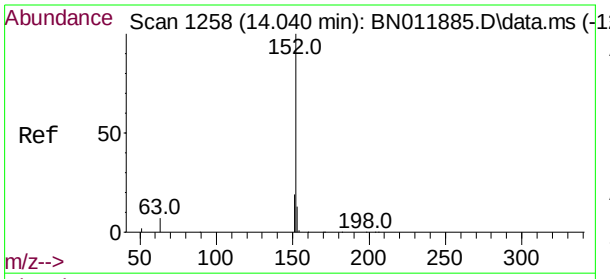
Tgt Ion:172 Resp: 6218

Ion	Ratio	Lower	Upper
172	100		
171	37.0	27.4	41.2
170	26.3	17.8	26.6





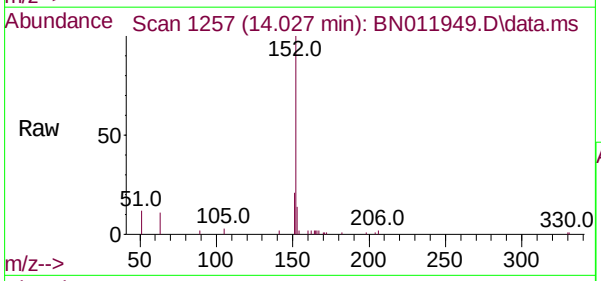


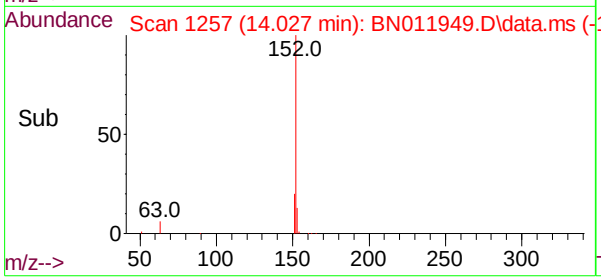


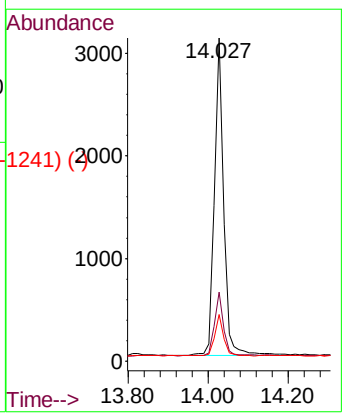
#16
Acenaphthylene
Concen: 0.22 ng
RT: 14.027 min Scan# 1257
Delta R.T. 0.000 min
Lab File: BN011949.D
Acq: 25 Sep 2020 14:31

Tgt Ion:152 Resp: 4955

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.9	23.9
153	12.4	10.5	15.7







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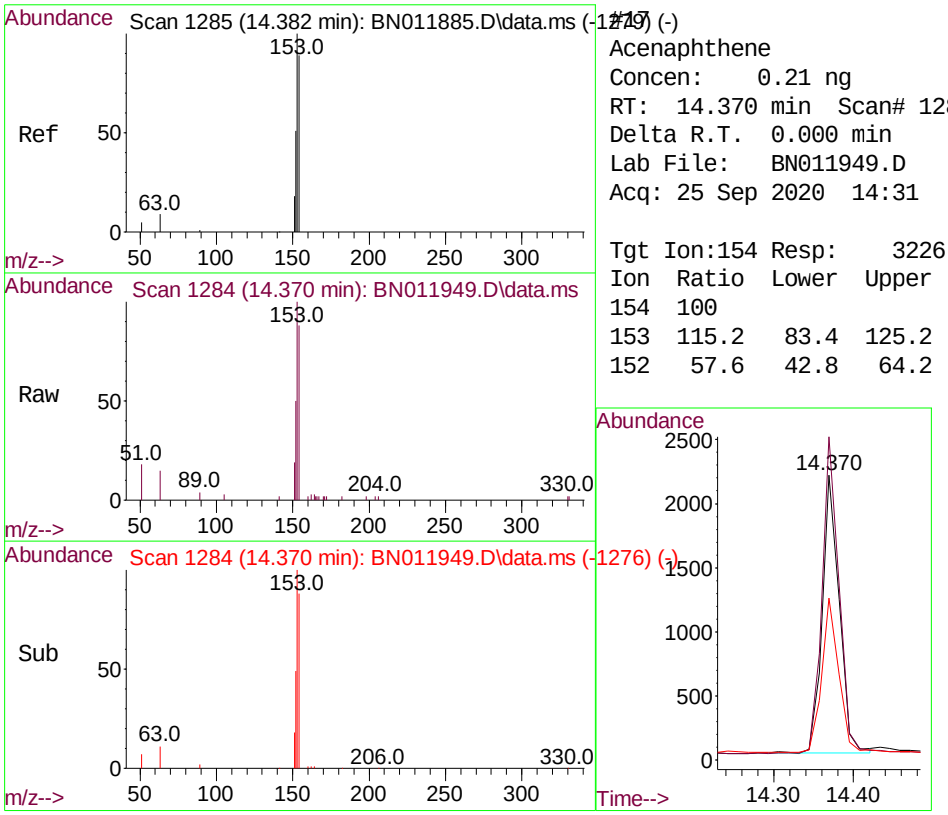
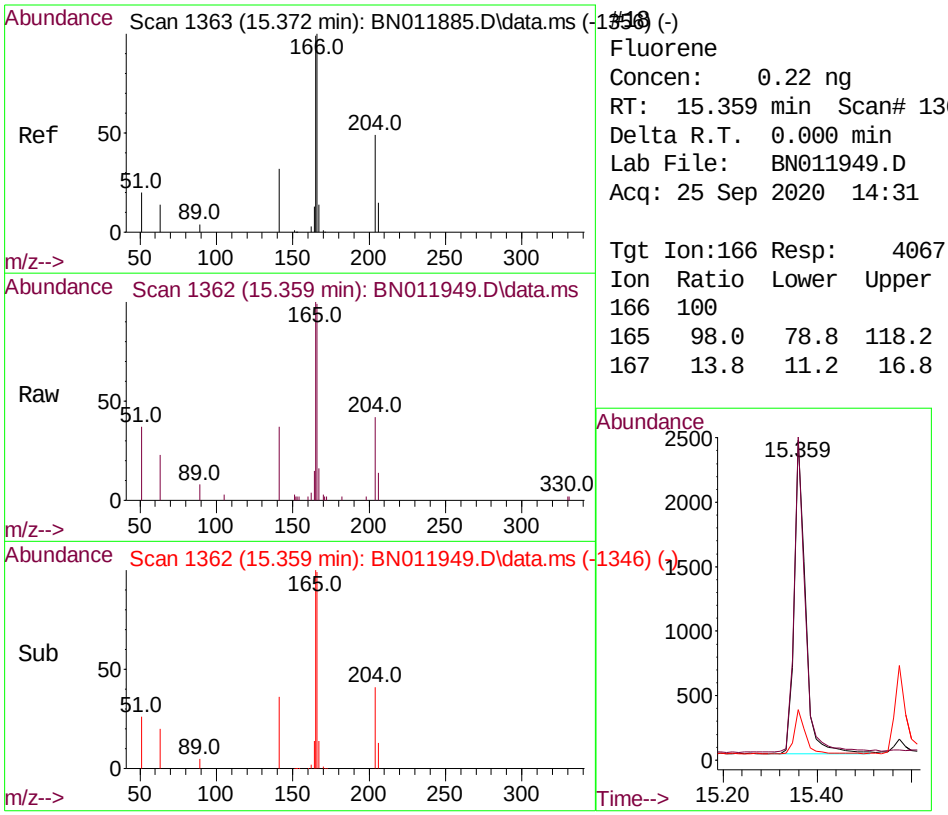


#17
Acenaphthene
Concen: 0.21 ng
RT: 14.370 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BN011949.D
Acq: 25 Sep 2020 14:31

Tgt Ion:154 Resp: 3226

Ion	Ratio	Lower	Upper
154	100		
153	115.2	83.4	125.2
152	57.6	42.8	64.2



#18
Fluorene
Concen: 0.22 ng
RT: 15.359 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BN011949.D
Acq: 25 Sep 2020 14:31

Tgt Ion:166 Resp: 4067

Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.8	118.2
167	13.8	11.2	16.8

Instrument :
BNA_N
ClientSampleId :
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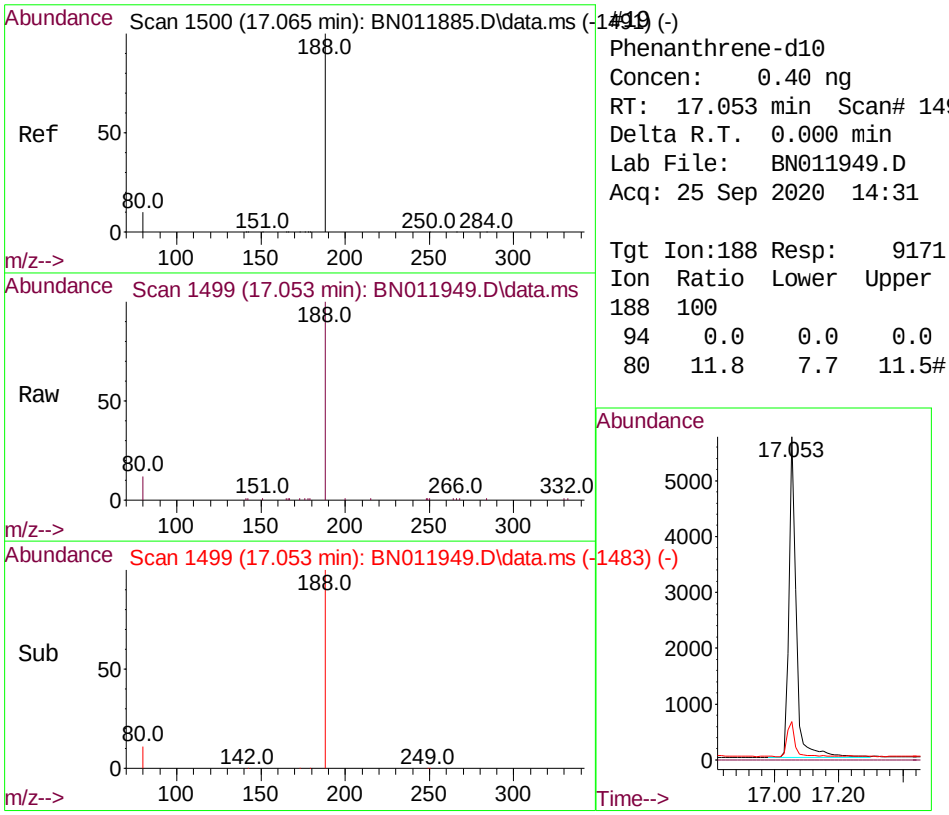
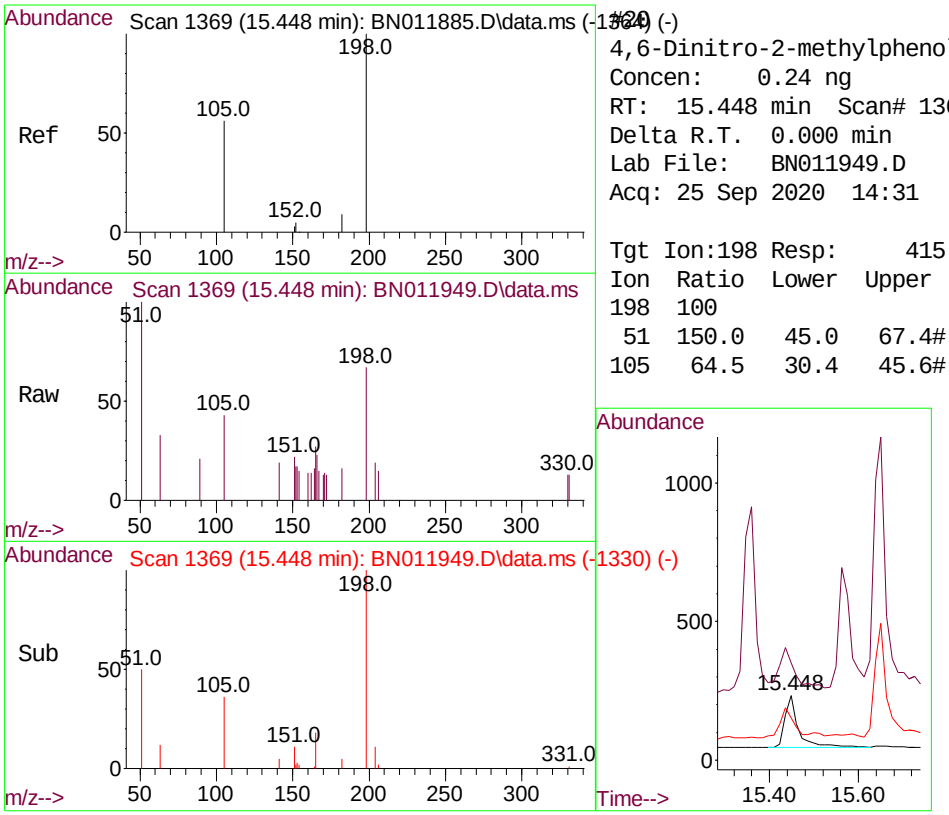


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.053 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BN011949.D
Acq: 25 Sep 2020 14:31

Tgt Ion:188 Resp: 9171

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.8	7.7	11.5#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.24 ng
RT: 15.448 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BN011949.D
Acq: 25 Sep 2020 14:31

Tgt Ion:198 Resp: 415

Ion	Ratio	Lower	Upper
198	100		
51	150.0	45.0	67.4#
105	64.5	30.4	45.6#

Instrument :
BNA_N
ClientSampleId :
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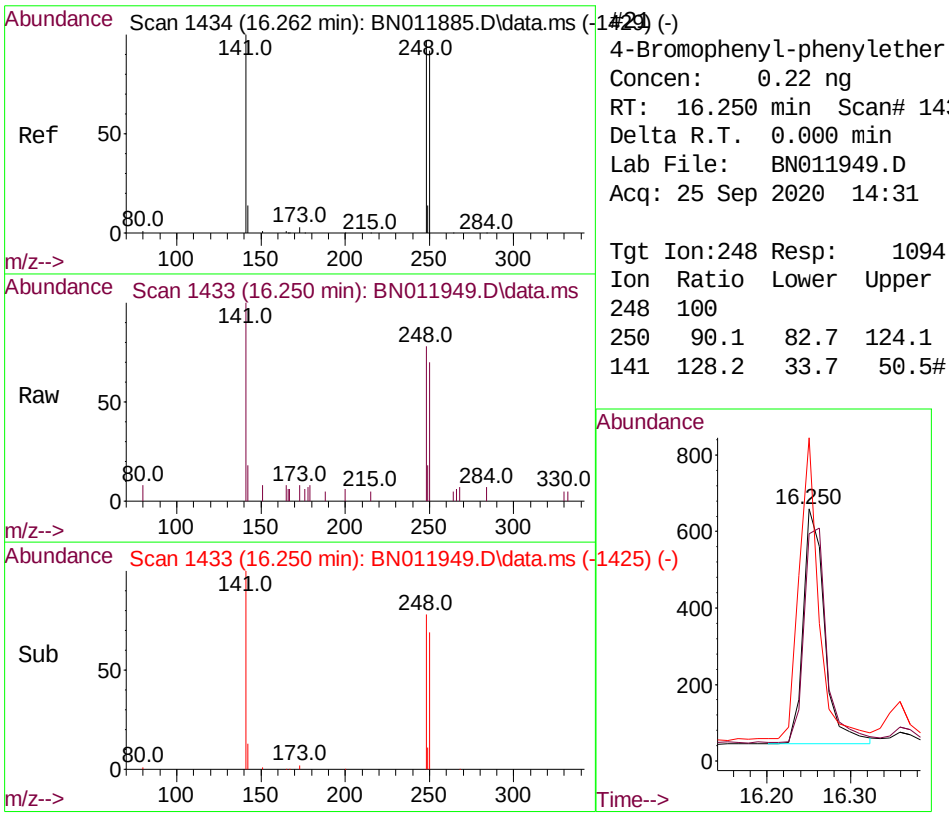
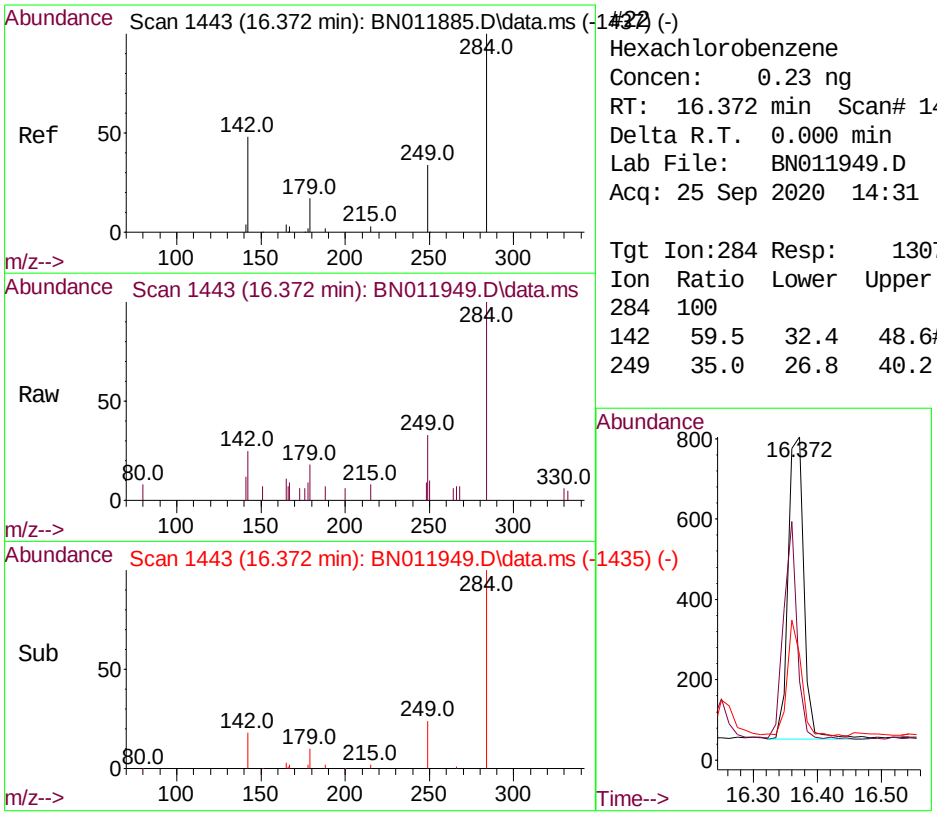


#21
4-Bromophenyl-phenylether
Concen: 0.22 ng
RT: 16.250 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BN011949.D
Acq: 25 Sep 2020 14:31

Tgt Ion:248 Resp: 1094

Ion	Ratio	Lower	Upper
248	100		
250	90.1	82.7	124.1
141	128.2	33.7	50.5#



#22
Hexachlorobenzene
Concen: 0.23 ng
RT: 16.372 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BN011949.D
Acq: 25 Sep 2020 14:31

Tgt Ion:284 Resp: 1307

Ion	Ratio	Lower	Upper
284	100		
142	59.5	32.4	48.6#
249	35.0	26.8	40.2

Instrument :
BNA_N
ClientSampleId :
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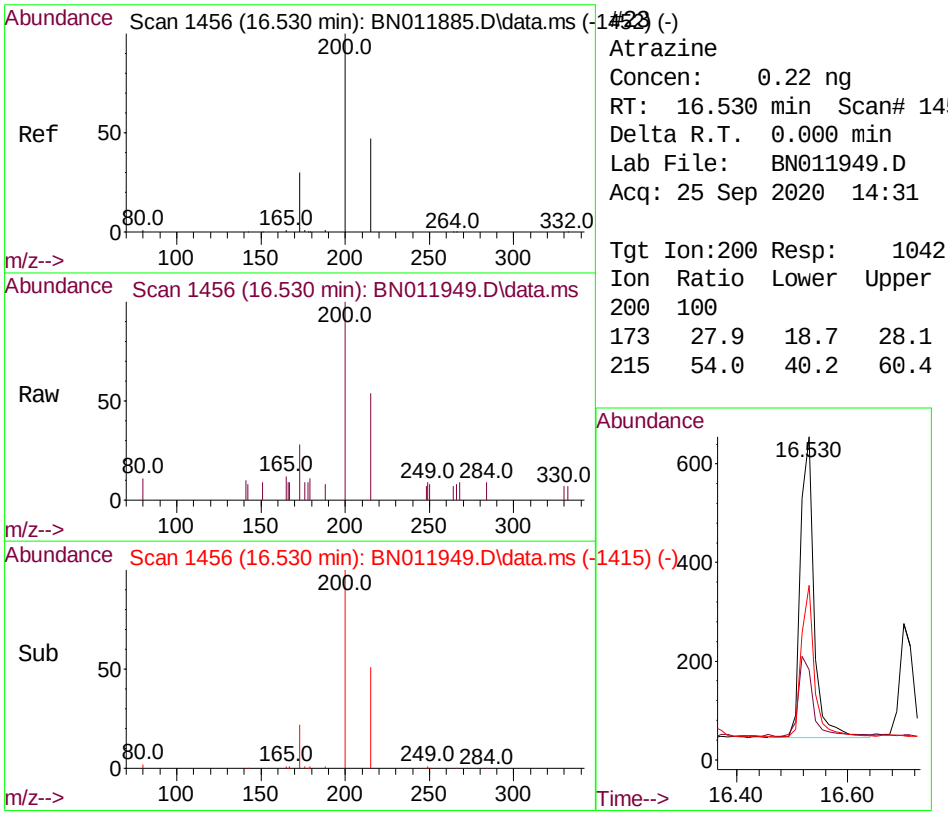
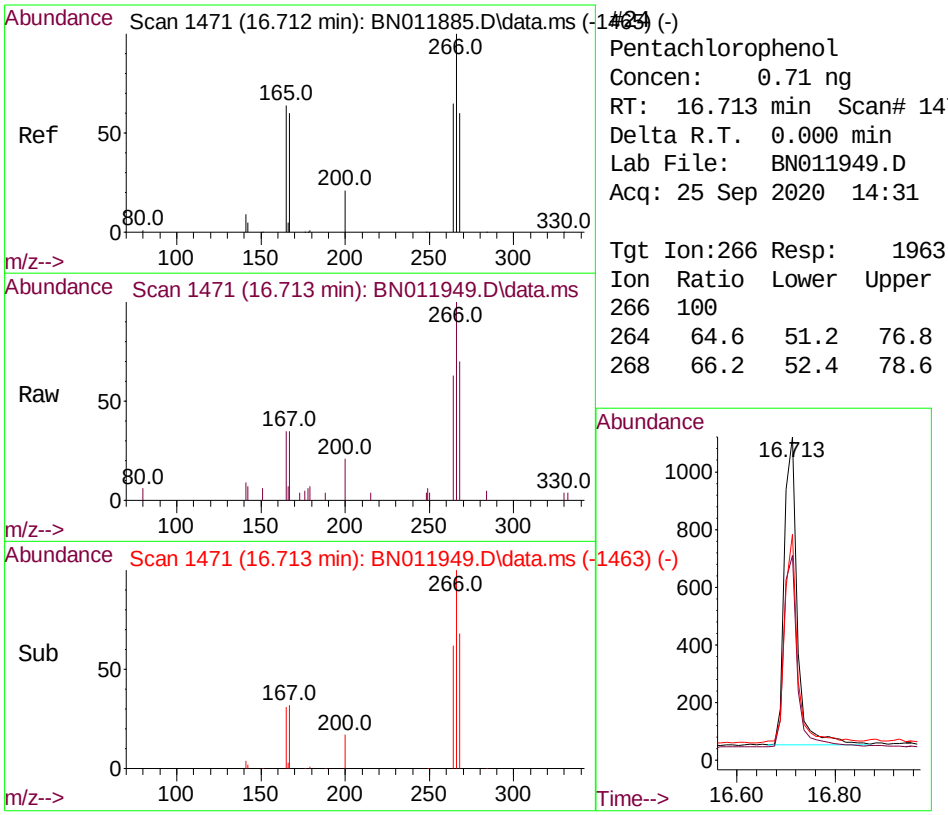


#22
Atrazine
Concen: 0.22 ng
RT: 16.530 min Scan# 1456
Delta R.T. 0.000 min
Lab File: BN011949.D
Acq: 25 Sep 2020 14:31

Tgt Ion:200 Resp: 1042

Ion	Ratio	Lower	Upper
200	100		
173	27.9	18.7	28.1
215	54.0	40.2	60.4



#24
Pentachlorophenol
Concen: 0.71 ng
RT: 16.713 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BN011949.D
Acq: 25 Sep 2020 14:31

Tgt Ion:266 Resp: 1963

Ion	Ratio	Lower	Upper
266	100		
264	64.6	51.2	76.8
268	66.2	52.4	78.6

Instrument :
BNA_N
ClientSampleId :
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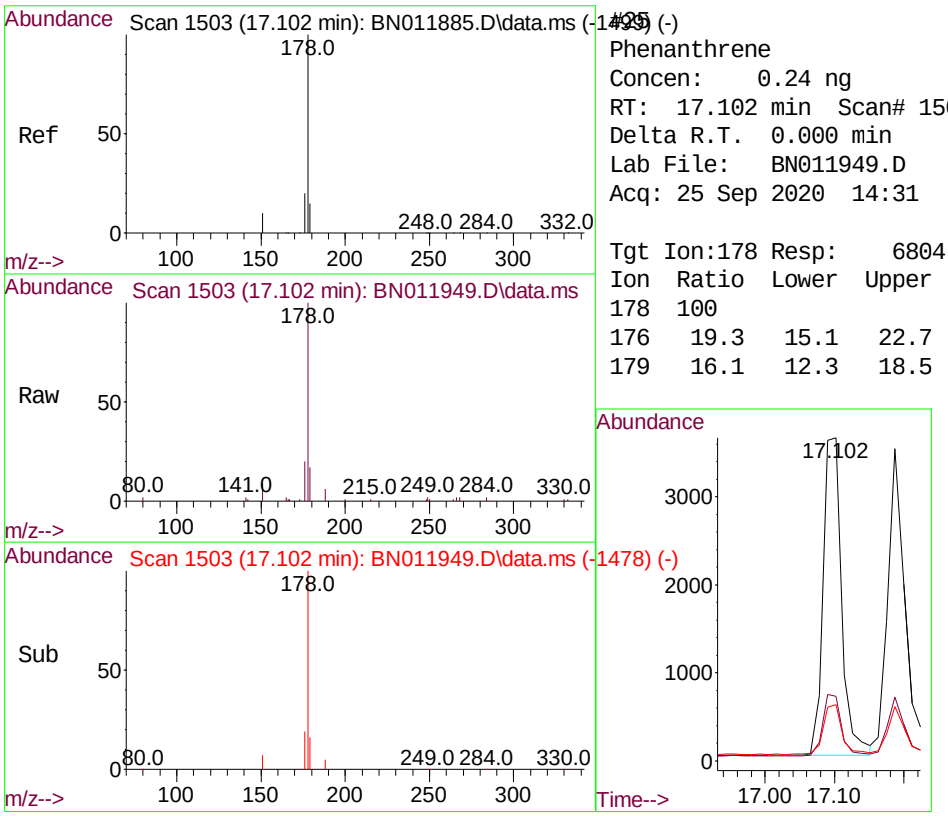
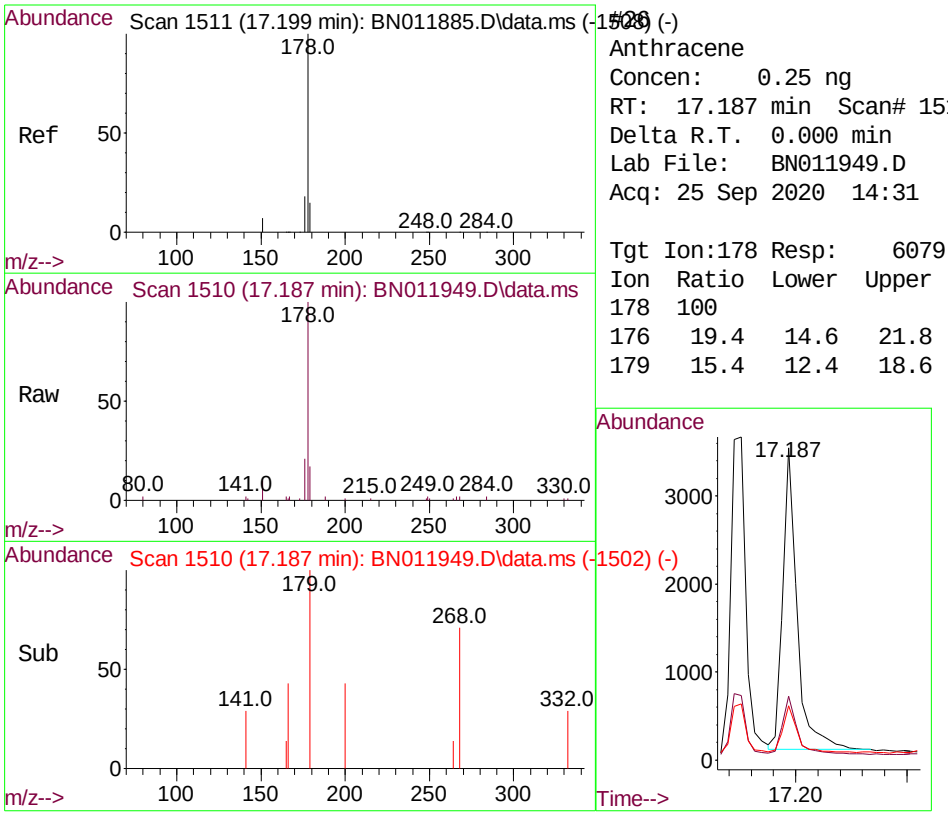


#25
Phenanthrene
Concen: 0.24 ng
RT: 17.102 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BN011949.D
Acq: 25 Sep 2020 14:31

Tgt Ion:178 Resp: 6804

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.1	22.7
179	16.1	12.3	18.5

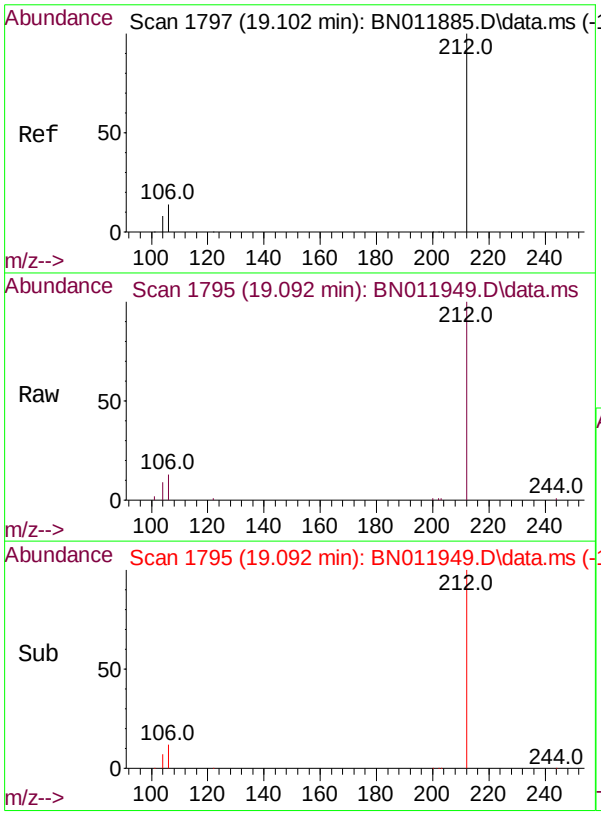


#26
Anthracene
Concen: 0.25 ng
RT: 17.187 min Scan# 1510
Delta R.T. 0.000 min
Lab File: BN011949.D
Acq: 25 Sep 2020 14:31

Tgt Ion:178 Resp: 6079

Ion	Ratio	Lower	Upper
178	100		
176	19.4	14.6	21.8
179	15.4	12.4	18.6

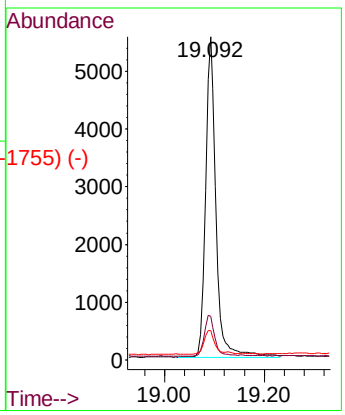
Instrument :
BNA_N
ClientSampleId :
RE109D3-20200917MSD

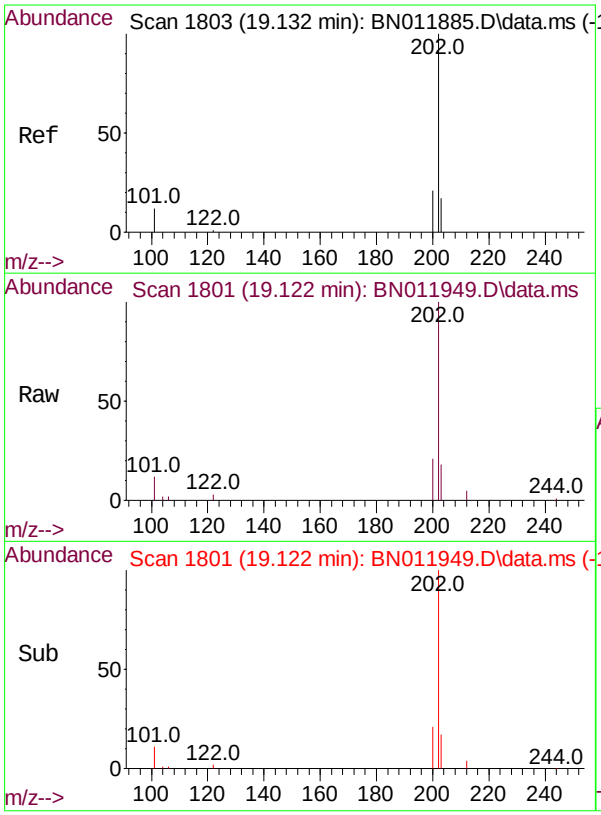


#27
Fluoranthene-d10
Concen: 0.30 ng
RT: 19.092 min Scan# 1795
Delta R.T. 0.000 min
Lab File: BN011949.D
Acq: 25 Sep 2020 14:31

Tgt Ion:212 Resp: 8069

Ion	Ratio	Lower	Upper
212	100		
106	13.1	6.4	9.6#
104	7.8	3.9	5.9#

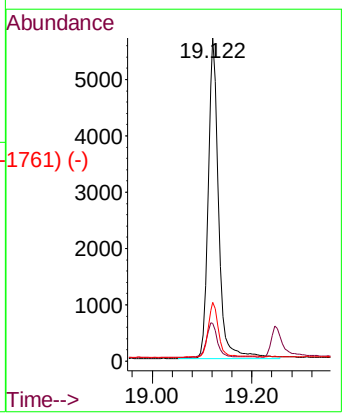




#28
Fluoranthene
Concen: 0.27 ng
RT: 19.122 min Scan# 1801
Delta R.T. 0.000 min
Lab File: BN011949.D
Acq: 25 Sep 2020 14:31

Tgt Ion:202 Resp: 8378

Ion	Ratio	Lower	Upper
202	100		
101	11.4	5.4	8.2#
203	16.7	13.8	20.6



Instrument :
BNA_N
ClientSampleId :
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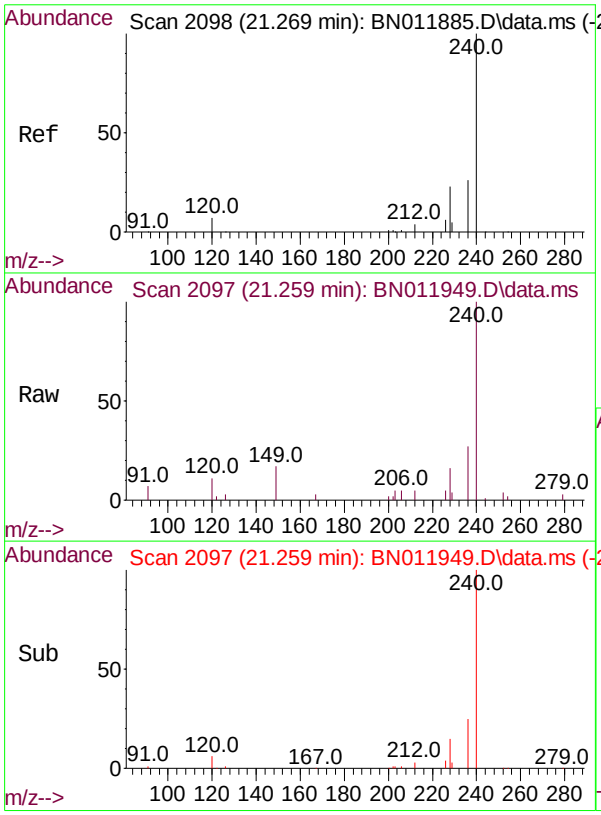
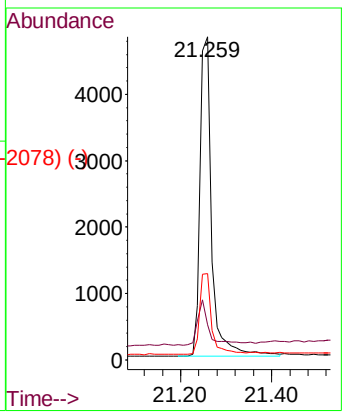
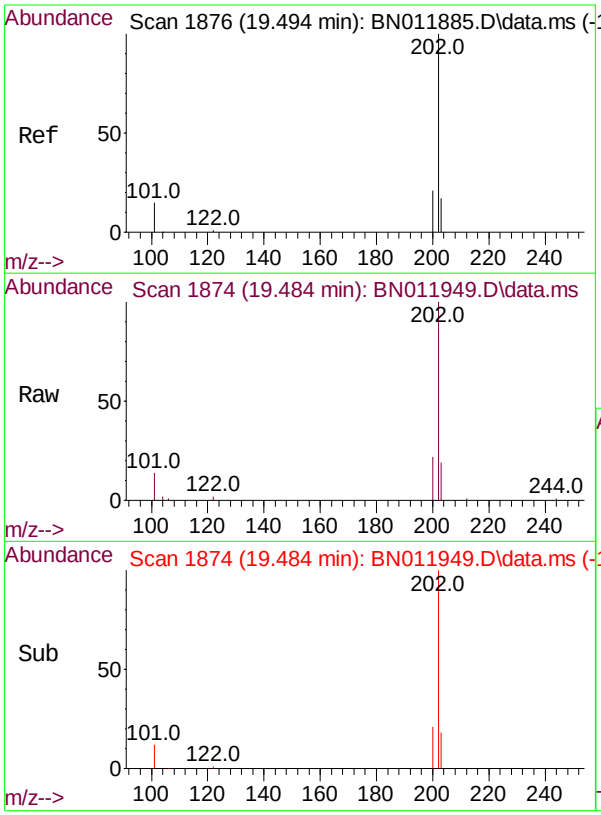


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.259 min Scan# 2097
Delta R.T. 0.000 min
Lab File: BN011949.D
Acq: 25 Sep 2020 14:31

Tgt Ion:240 Resp: 8524

Ion	Ratio	Lower	Upper
240	100		
120	10.8	3.5	5.3#
236	26.6	20.5	30.7

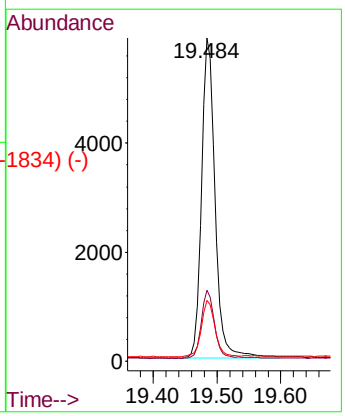




#30
Pyrene
Concen: 0.27 ng
RT: 19.484 min Scan# 1874
Delta R.T. 0.000 min
Lab File: BN011949.D
Acq: 25 Sep 2020 14:31

Tgt Ion:202 Resp: 8582

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.5	24.7
203	17.9	13.9	20.9



Instrument :
BNA_N
ClientSampleId :
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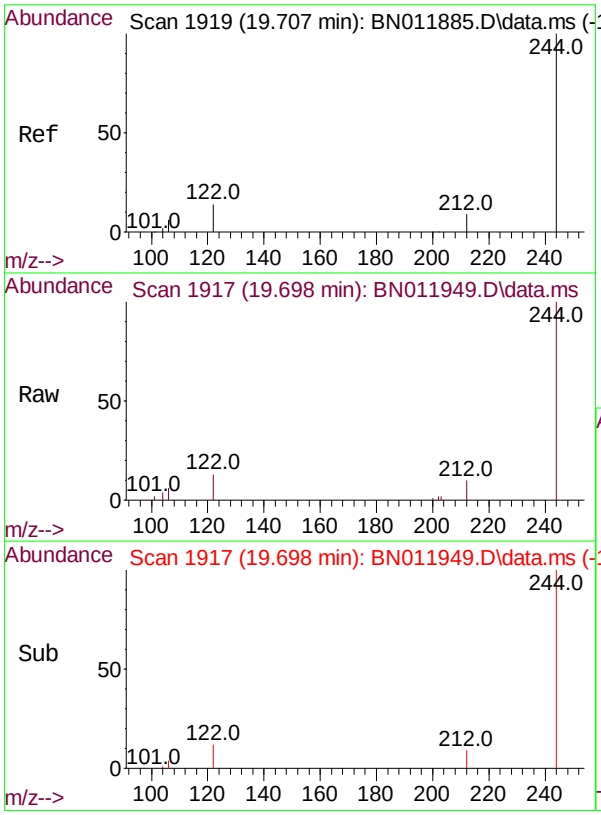
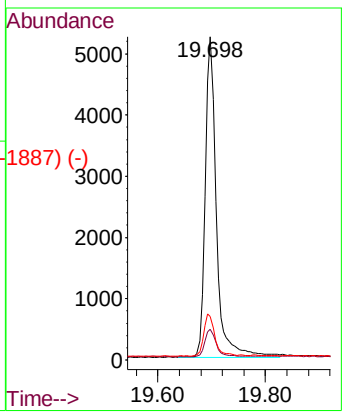
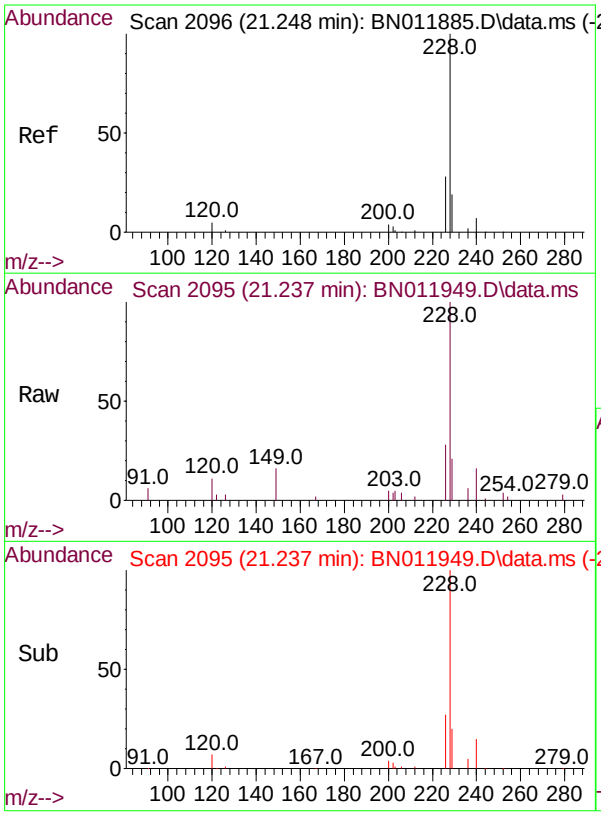


#31
Terphenyl-d14
Concen: 0.38 ng
RT: 19.698 min Scan# 1917
Delta R.T. 0.000 min
Lab File: BN011949.D
Acq: 25 Sep 2020 14:31

Tgt Ion:244 Resp: 7450

Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.3	10.9
122	13.5	7.8	11.6#

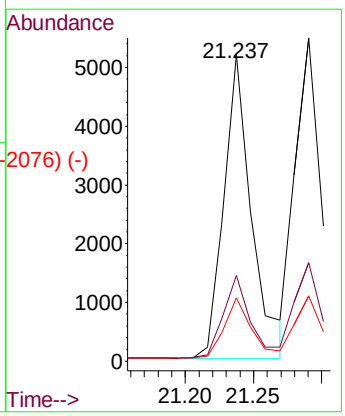




#32
Benzo(a)anthracene
Concen: 0.27 ng
RT: 21.237 min Scan# 2095
Delta R.T. 0.000 min
Lab File: BN011949.D
Acq: 25 Sep 2020 14:31

Tgt Ion:228 Resp: 7347

Ion	Ratio	Lower	Upper
228	100		
226	28.1	21.0	31.4
229	20.6	16.0	24.0



Instrument :
BNA_N
ClientSampleId :
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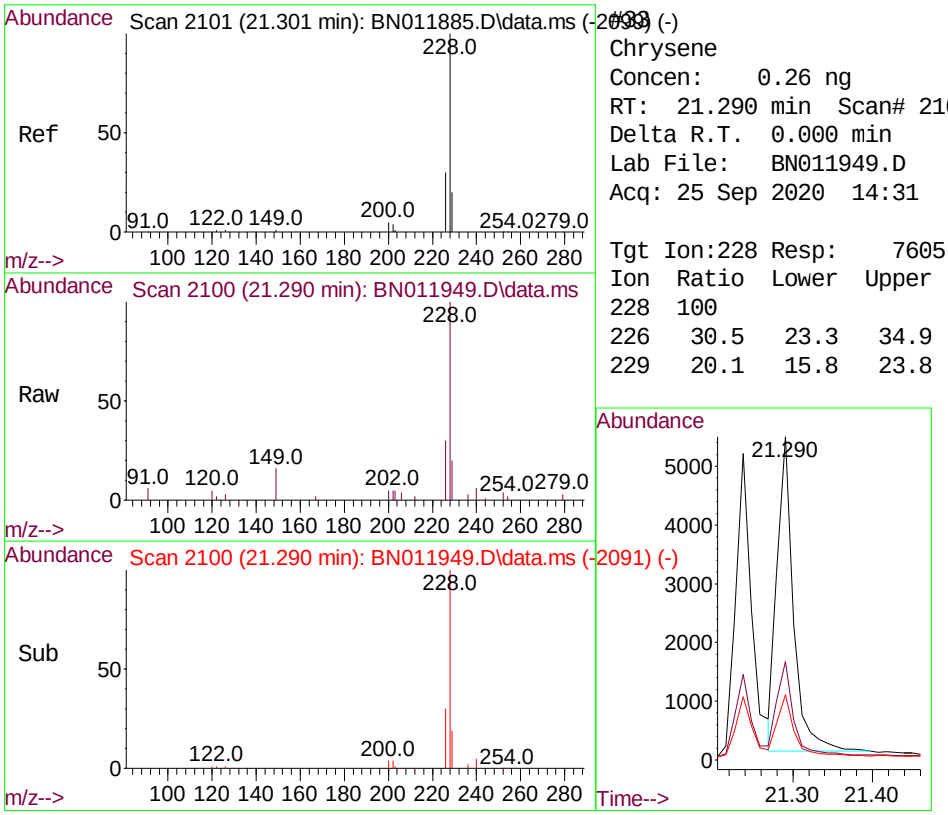
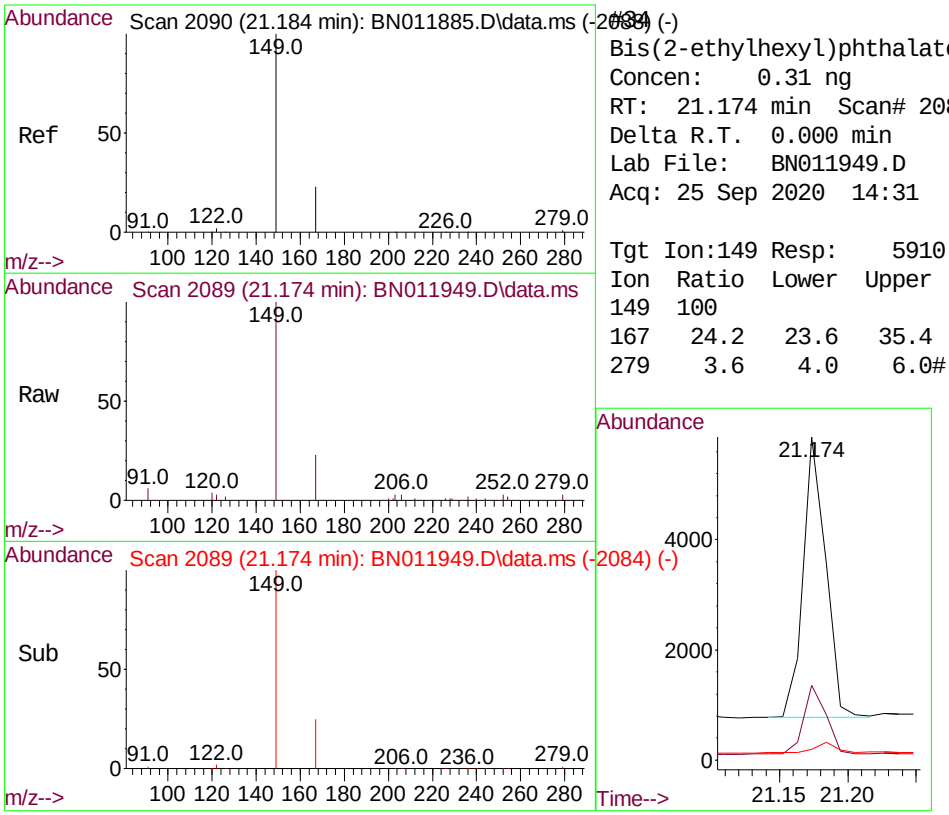


#38
Chrysene
Concen: 0.26 ng
RT: 21.290 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BN011949.D
Acq: 25 Sep 2020 14:31

Tgt Ion:228 Resp: 7605

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.3	34.9
229	20.1	15.8	23.8

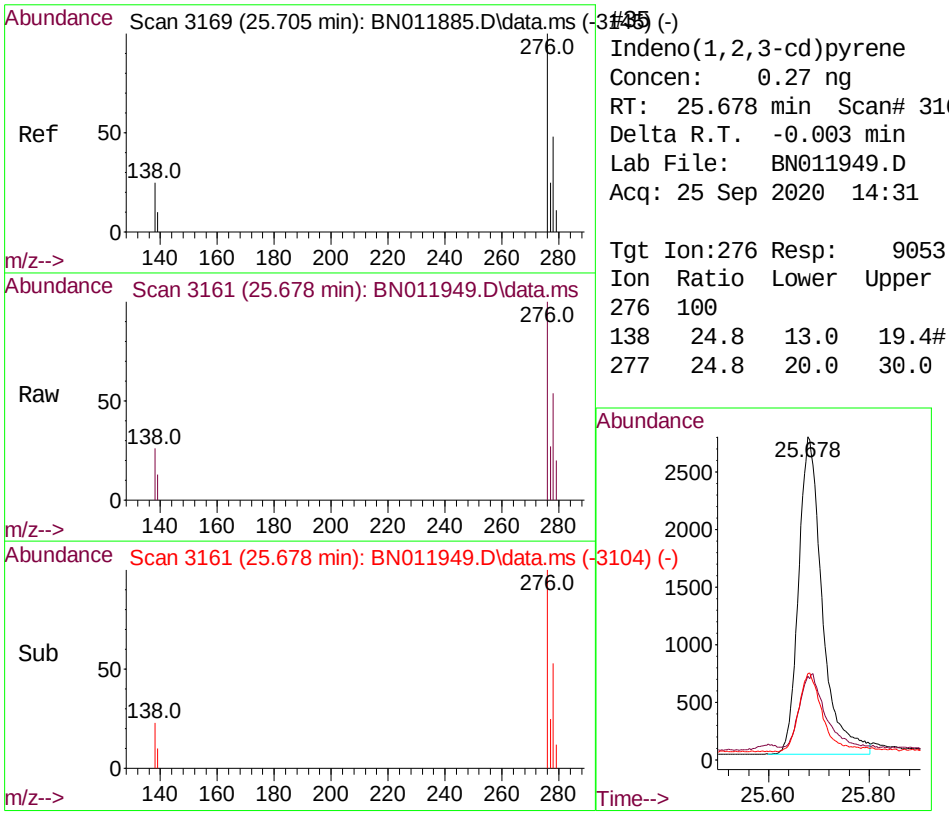


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.31 ng
RT: 21.174 min Scan# 2089
Delta R.T. 0.000 min
Lab File: BN011949.D
Acq: 25 Sep 2020 14:31

Tgt Ion:149 Resp: 5910

Ion	Ratio	Lower	Upper
149	100		
167	24.2	23.6	35.4
279	3.6	4.0	6.0#

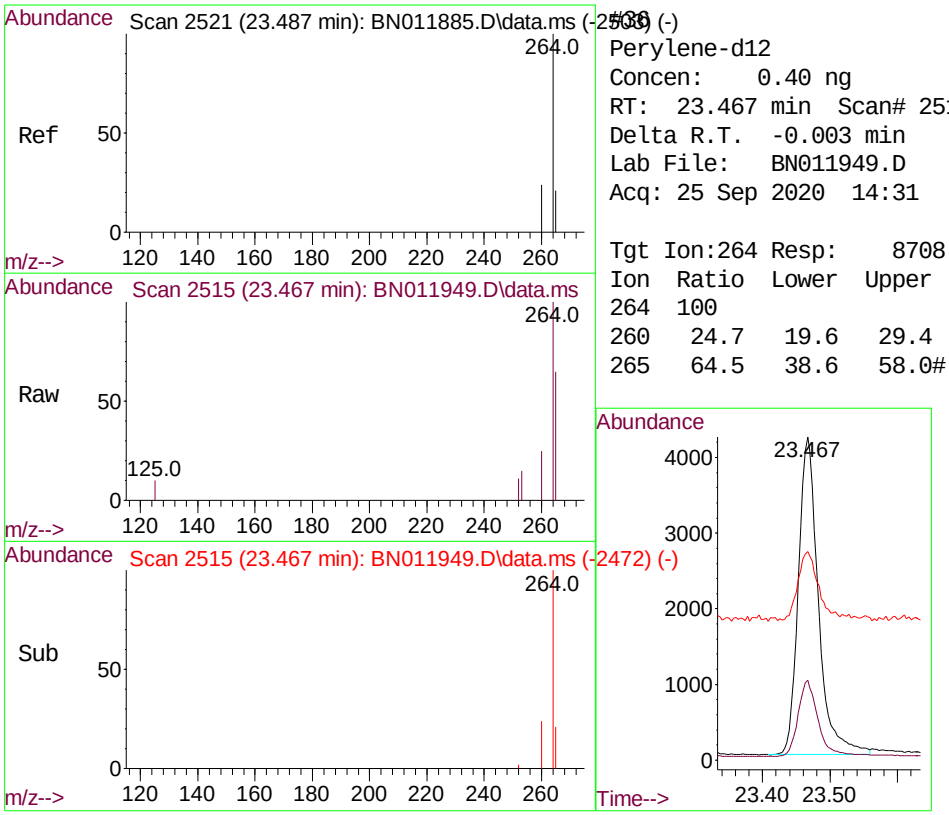
Instrument :
BNA_N
ClientSampleId :
RE109D3-20200917MSD



#35
Indeno(1,2,3-cd)pyrene
Concen: 0.27 ng
RT: 25.678 min Scan# 3161
Delta R.T. -0.003 min
Lab File: BN011949.D
Acq: 25 Sep 2020 14:31

Tgt Ion:276 Resp: 9053

Ion	Ratio	Lower	Upper
276	100		
138	24.8	13.0	19.4#
277	24.8	20.0	30.0

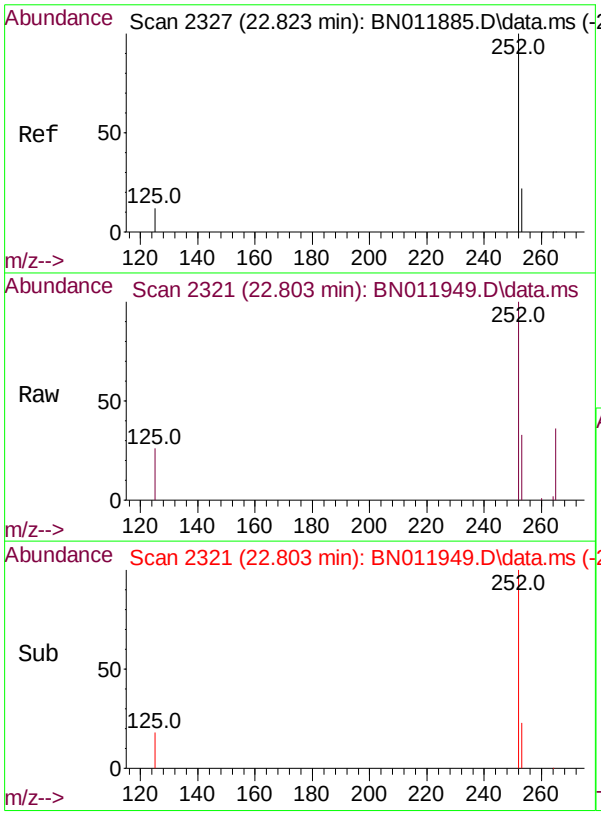


#36
Perylene-d12
Concen: 0.40 ng
RT: 23.467 min Scan# 2515
Delta R.T. -0.003 min
Lab File: BN011949.D
Acq: 25 Sep 2020 14:31

Tgt Ion:264 Resp: 8708

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.6	29.4
265	64.5	38.6	58.0#

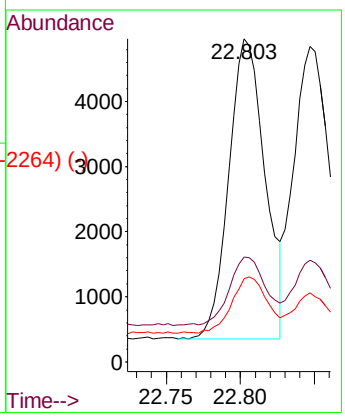
Instrument :
BNA_N
ClientSampleId :
RE109D3-20200917MSD

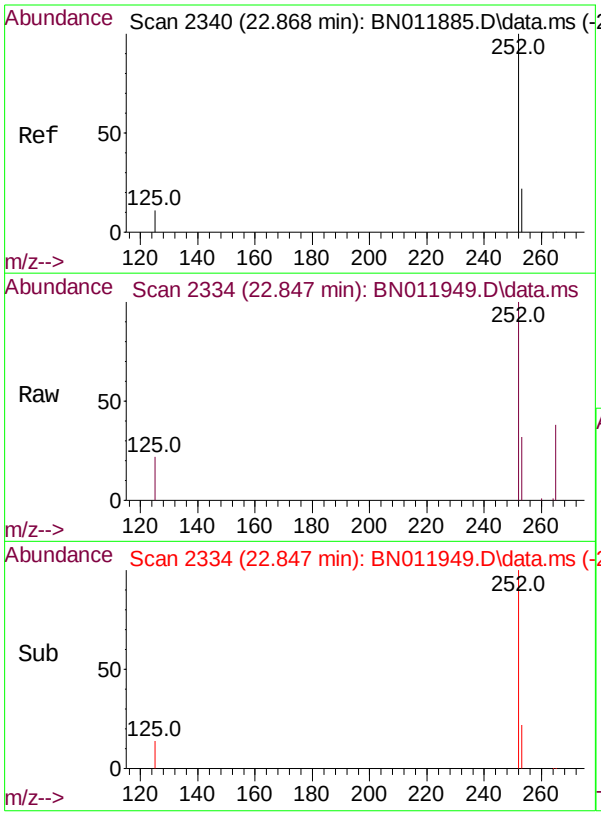


#37
Benzo(b)fluoranthene
Concen: 0.26 ng
RT: 22.803 min Scan# 2321
Delta R.T. -0.003 min
Lab File: BN011949.D
Acq: 25 Sep 2020 14:31

Tgt Ion:252 Resp: 7862

Ion	Ratio	Lower	Upper
252	100		
253	32.5	19.1	28.7#
125	25.8	6.2	9.2#

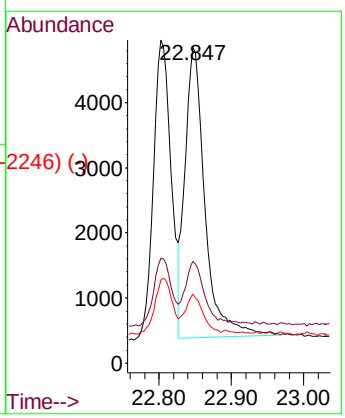




#38
Benzo(k)fluoranthene
Concen: 0.27 ng
RT: 22.847 min Scan# 2334
Delta R.T. 0.000 min
Lab File: BN011949.D
Acq: 25 Sep 2020 14:31

Tgt Ion:252 Resp: 8579

Ion	Ratio	Lower	Upper
252	100		
253	32.3	19.3	28.9#
125	21.9	6.0	9.0#



Instrument :
BNA_N
ClientSampleId :
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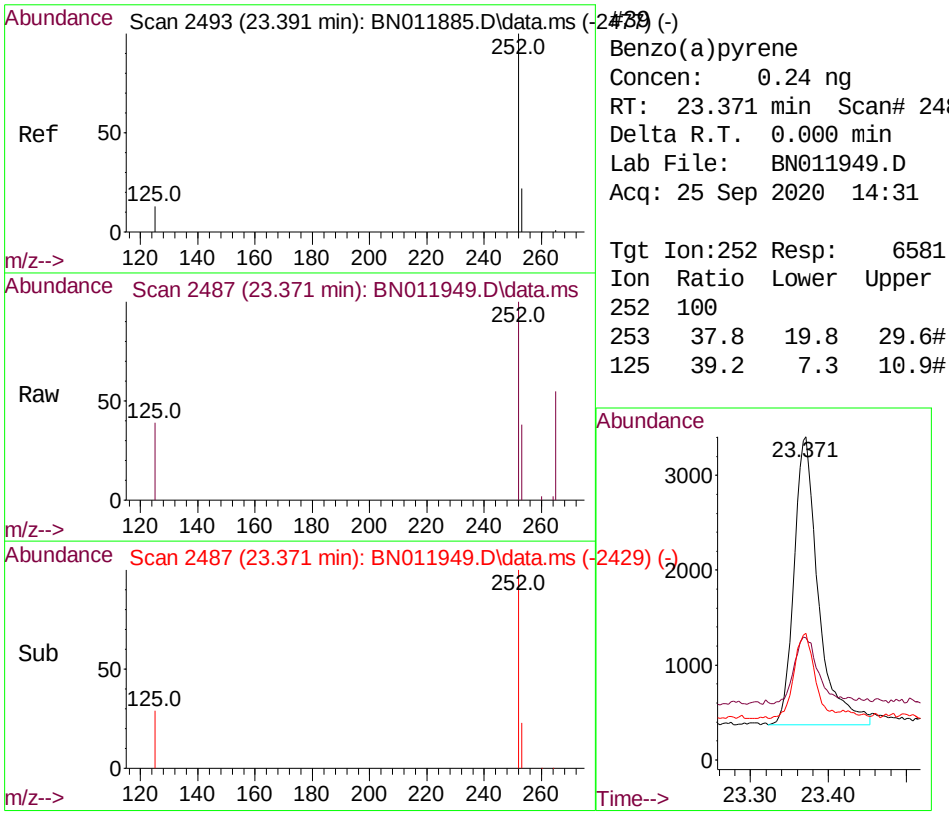
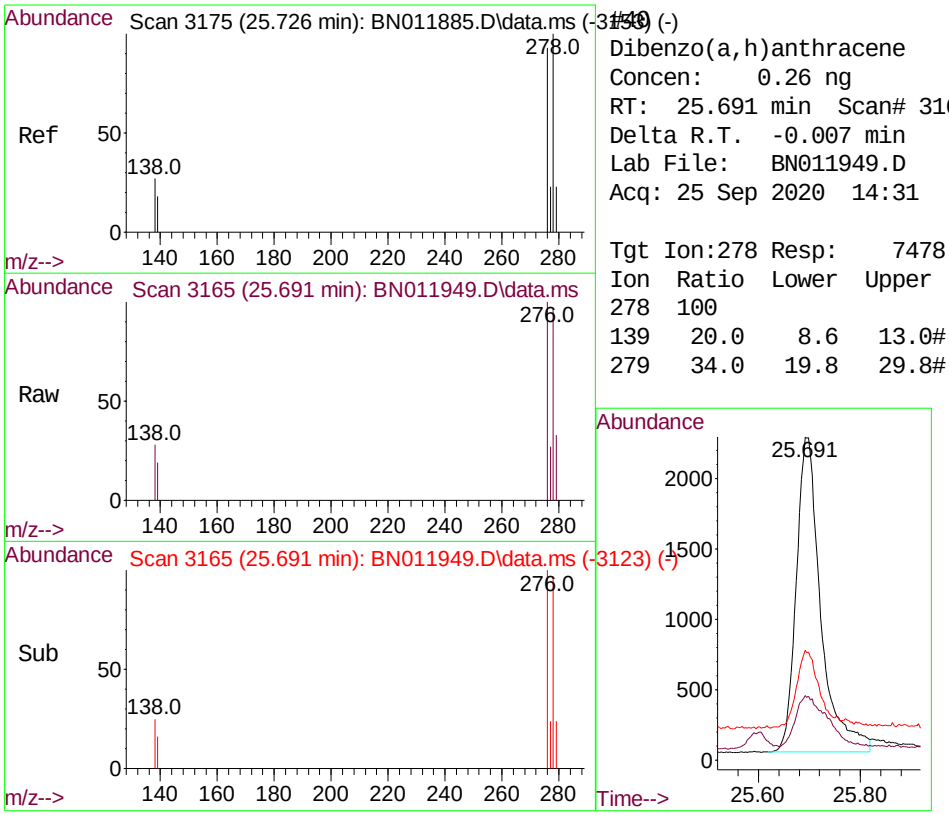


#39
Benzo(a)pyrene
Concen: 0.24 ng
RT: 23.371 min Scan# 2487
Delta R.T. 0.000 min
Lab File: BN011949.D
Acq: 25 Sep 2020 14:31

Tgt Ion:252 Resp: 6581

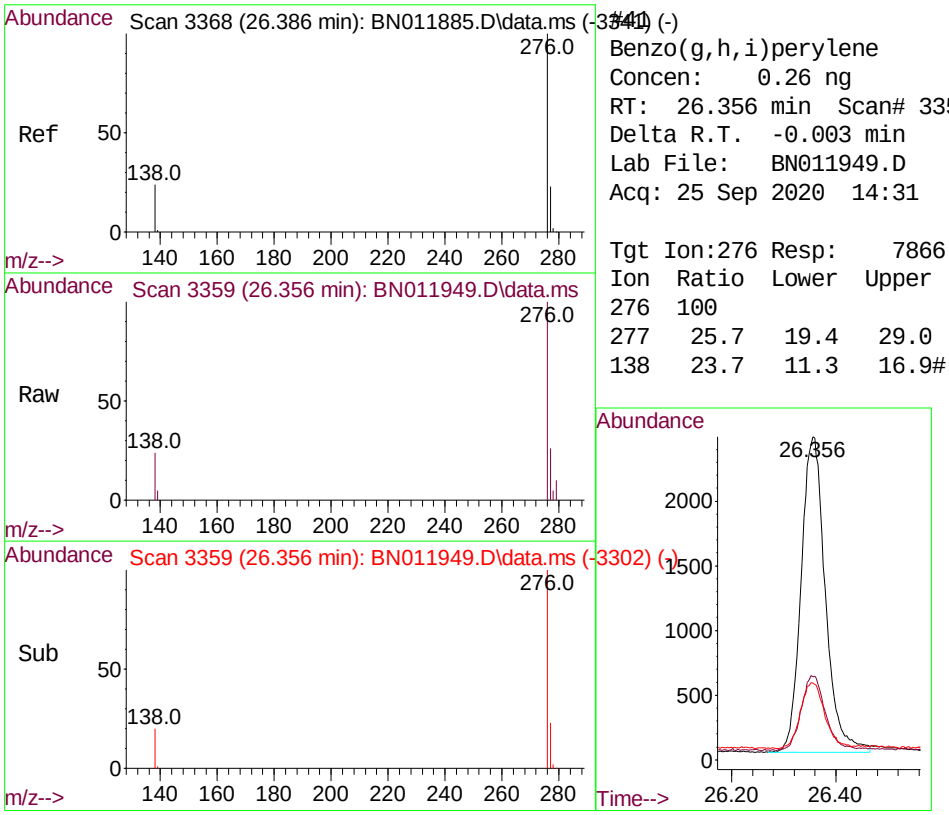
Ion	Ratio	Lower	Upper
252	100		
253	37.8	19.8	29.6#
125	39.2	7.3	10.9#



#40
Dibenzo(a,h)anthracene
Concen: 0.26 ng
RT: 25.691 min Scan# 3165
Delta R.T. -0.007 min
Lab File: BN011949.D
Acq: 25 Sep 2020 14:31

Tgt Ion:278 Resp: 7478

Ion	Ratio	Lower	Upper
278	100		
139	20.0	8.6	13.0#
279	34.0	19.8	29.8#



#41
Benzo(g,h,i)perylene
Concen: 0.26 ng
RT: 26.356 min Scan# 3359
Delta R.T. -0.003 min
Lab File: BN011949.D
Acq: 25 Sep 2020 14:31

Tgt Ion:276 Resp: 7866

Ion	Ratio	Lower	Upper
276	100		
277	25.7	19.4	29.0
138	23.7	11.3	16.9#

Instrument :
BNA_N
ClientSampleId :
RE109D3-20200917MSD