Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022421\
Data File : BN013747.D
Acq On : 25 Feb 2021 04:09
Operator : CG/JU
Sample : PB134794BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB134794BS

Quant Time: Feb 25 11:16:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 24 21:36:22 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.741	152	5684	0.40	ng		0.00
7) Naphthalene-d8	10.530	136	21557	0.40	ng		# 0.00
13) Acenaphthene-d10	14.384	164	12574	0.40	ng		0.00
19) Phenanthrene-d10	17.128	188	27609	0.40	ng		# 0.00
29) Chrysene-d12	21.303	240	28748	0.40	ng		-0.01
36) Perylene-d12	23.554	264	28833	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.333	112	6432	0.42	ng		0.00
5) Phenol-d6	6.903	99	8618	0.42	ng		0.00
8) Nitrobenzene-d5	8.883	82	5345	0.39	ng		0.00
11) 2-Methylnaphthalene-d10	12.120	152	13414	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.869	330	1853	0.36	ng		0.00
15) 2-Fluorobiphenyl	13.001	172	18935	0.43	ng		-0.01
27) Fluoranthene-d10	19.159	212	31104	0.38	ng		0.00
31) Terphenyl-d14	19.764	244	26328	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.271	88	2703	0.39	ng		96
3) n-Nitrosodimethylamine	3.593	42	1705	0.32	ng	#	94
6) bis(2-Chloroethyl)ether	7.169	93	5616	0.39	ng		98
9) Naphthalene	10.581	128	20532	0.39	ng		99
10) Hexachlorobutadiene	10.872	225	4034	0.40	ng	#	100
12) 2-Methylnaphthalene	12.195	142	14325	0.38	ng		99
16) Acenaphthylene	14.092	152	19820	0.35	ng		100
17) Acenaphthene	14.435	154	13561	0.39	ng		100
18) Fluorene	15.425	166	17315	0.38	ng		100
20) 4,6-Dinitro-2-methylph...	15.501	198	832	0.43	ng	#	79
21) 4-Bromophenyl-phenylether	16.325	248	5719	0.38	ng		92
22) Hexachlorobenzene	16.435	284	6413	0.41	ng		98
23) Atrazine	16.593	200	4329	0.31	ng		96
24) Pentachlorophenol	16.776	266	1582	0.31	ng		96
25) Phenanthrene	17.165	178	28616	0.40	ng		100
26) Anthracene	17.262	178	25725	0.37	ng		100
28) Fluoranthene	19.188	202	33572	0.39	ng		100
30) Pyrene	19.551	202	33924	0.38	ng		100
32) Benzo(a)anthracene	21.292	228	32164	0.36	ng		99
33) Chrysene	21.346	228	34378	0.40	ng		96
34) Bis(2-ethylhexyl)phtha...	21.239	149	10721	0.26	ng		100
35) Indeno(1,2,3-cd)pyrene	25.824	276	40184	0.38	ng		99
37) Benzo(b)fluoranthene	22.924	252	36464	0.40	ng		97
38) Benzo(k)fluoranthene	22.924	252	36464	0.41	ng		98
39) Benzo(a)pyrene	23.455	252	30538	0.37	ng	#	90
40) Dibenzo(a,h)anthracene	25.844	278	34692	0.39	ng		96
41) Benzo(g,h,i)perylene	26.512	276	34861	0.39	ng		97

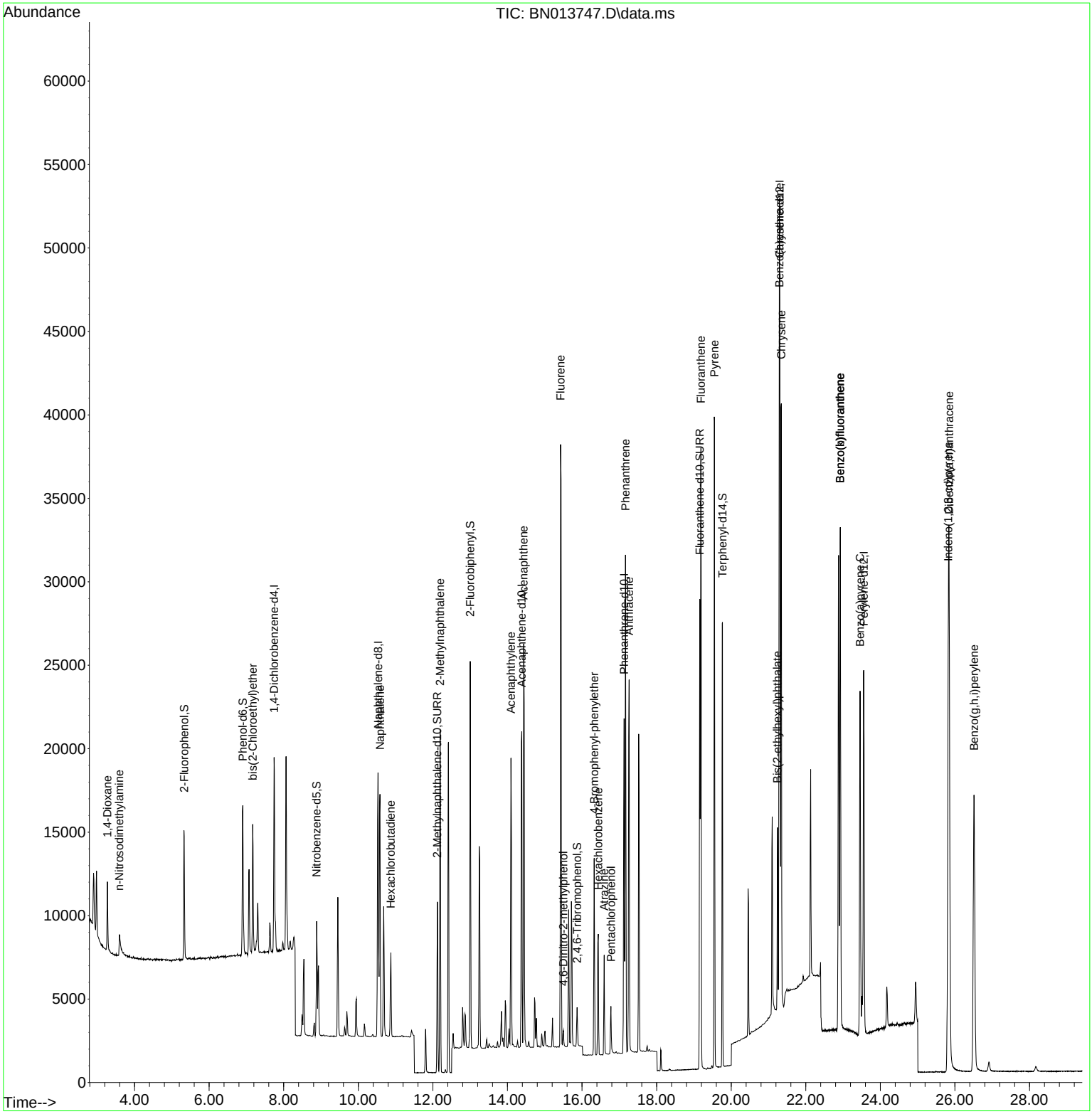
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

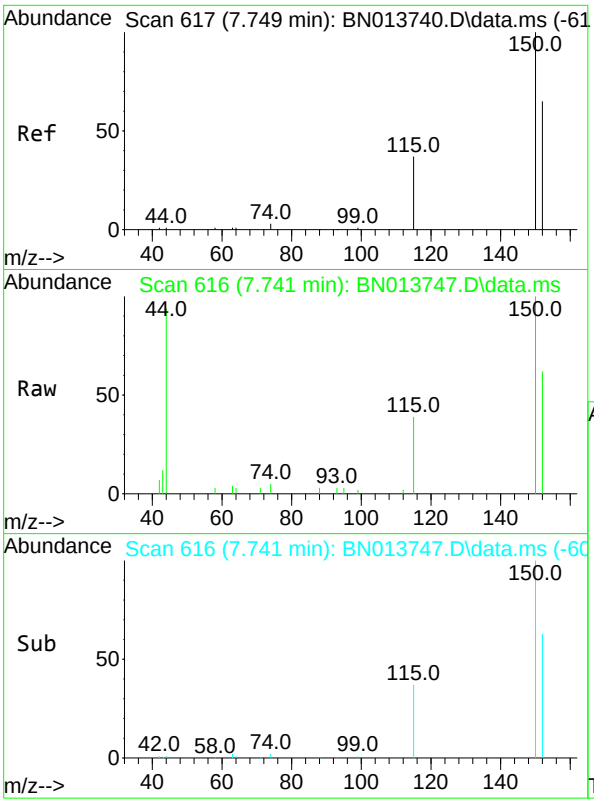
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022421\
Data File : BN013747.D
Acq On : 25 Feb 2021 04:09
Operator : CG/JU
Sample : PB134794BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB134794BS

Quant Time: Feb 25 11:16:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 24 21:36:22 2021
Response via : Initial Calibration



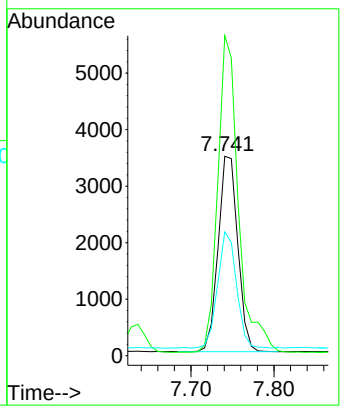
Instrument :
BNA_N
ClientSampleId :
PB134794BS

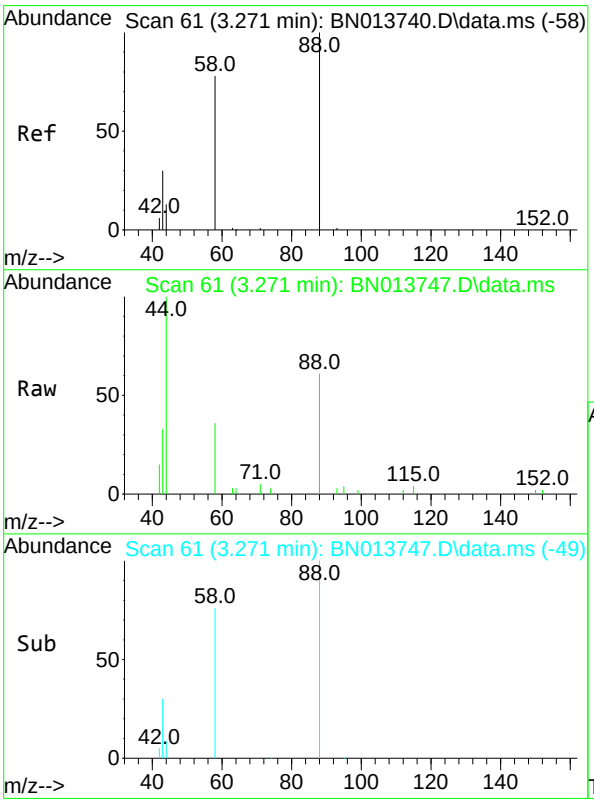


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.741 min Scan# 616
Delta R.T. -0.008 min
Lab File: BN013747.D
Acq: 25 Feb 2021 04:09

Tgt Ion:152 Resp: 5684

Ion	Ratio	Lower	Upper
152	100		
150	160.5	121.8	182.8
115	62.1	46.6	69.8

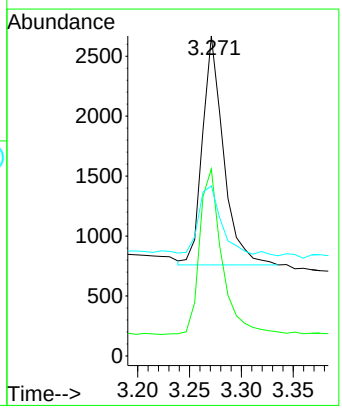




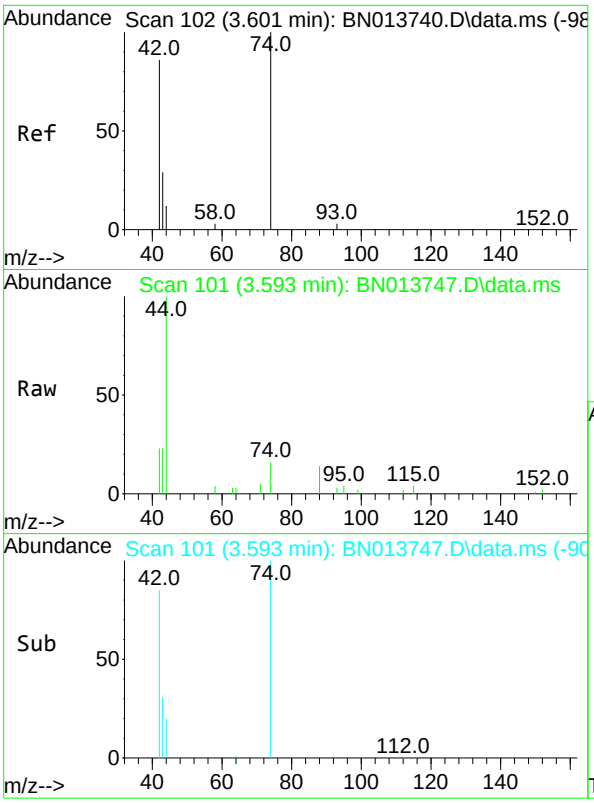
#2
1,4-Dioxane
Concen: 0.39 ng
RT: 3.271 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN013747.D
Acq: 25 Feb 2021 04:09

Tgt Ion: 88 Resp: 2703

Ion	Ratio	Lower	Upper
88	100		
58	77.0	64.6	96.8
43	34.4	26.6	40.0



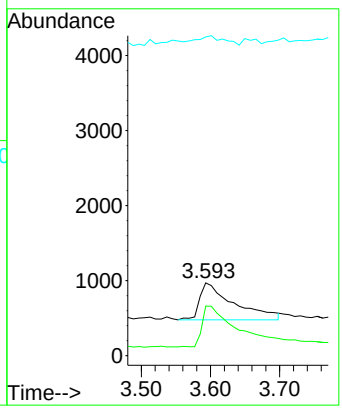
Instrument :
BNA_N
ClientSampleId :
PB134794BS

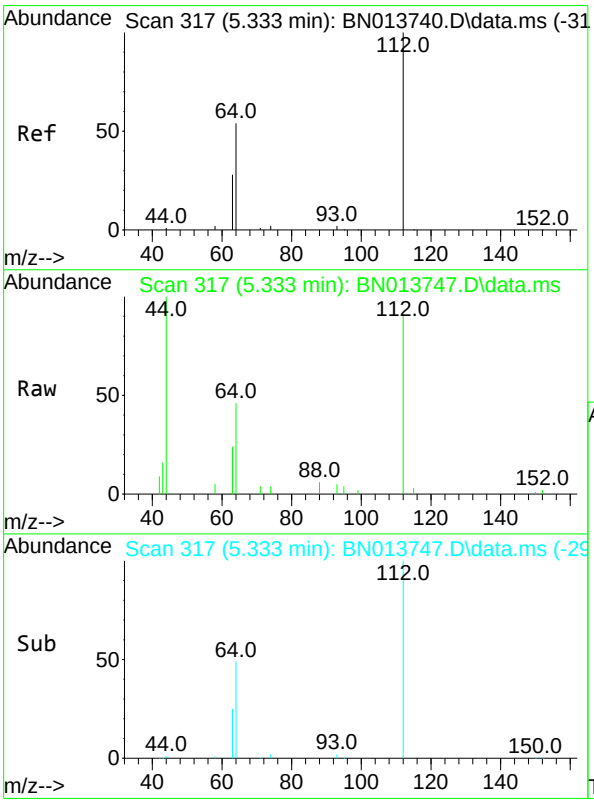


#3
n-Nitrosodimethylamine
Concen: 0.32 ng
RT: 3.593 min Scan# 101
Delta R.T. -0.008 min
Lab File: BN013747.D
Acq: 25 Feb 2021 04:09

Tgt Ion: 42 Resp: 1705

Ion	Ratio	Lower	Upper
42	100		
74	113.6	95.0	142.6
44	19.3	5.8	8.8#

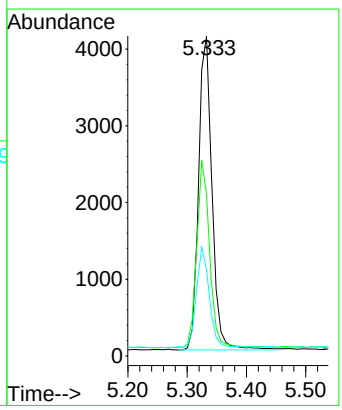




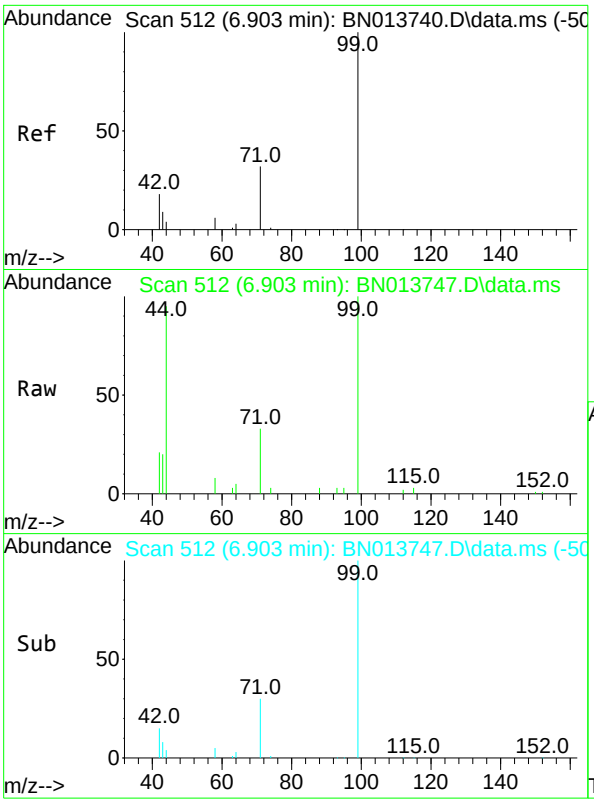
#4
2-Fluorophenol
Concen: 0.42 ng
RT: 5.333 min Scan# 317
Delta R.T. -0.000 min
Lab File: BN013747.D
Acq: 25 Feb 2021 04:09

Tgt Ion:112 Resp: 6432

Ion	Ratio	Lower	Upper
112	100		
64	57.5	44.3	66.5
63	30.9	23.0	34.6



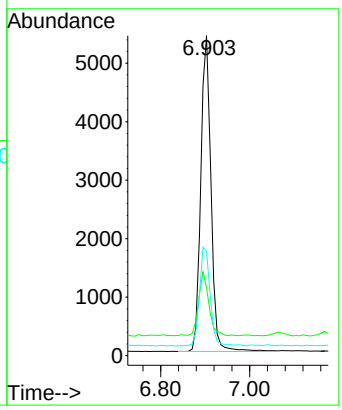
Instrument :
BNA_N
ClientSampleId :
PB134794BS

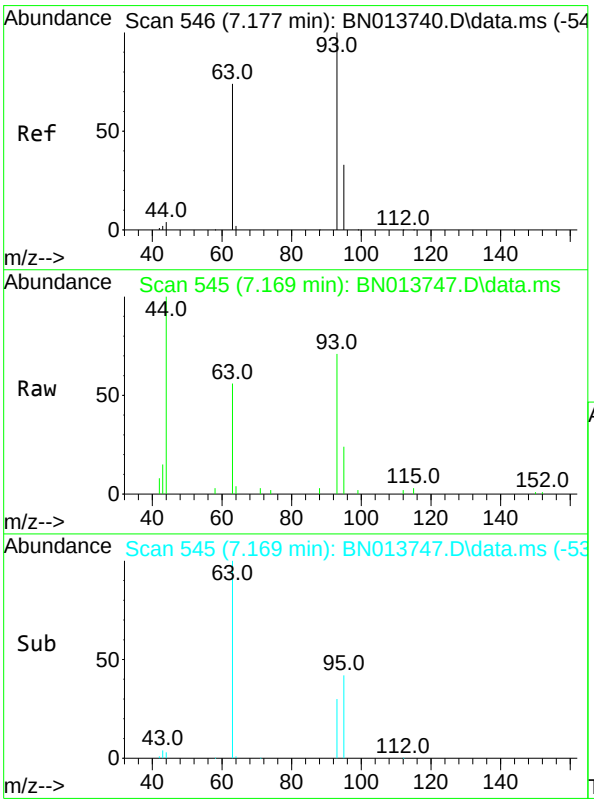


#5
Phenol-d6
Concen: 0.42 ng
RT: 6.903 min Scan# 512
Delta R.T. -0.000 min
Lab File: BN013747.D
Acq: 25 Feb 2021 04:09

Tgt Ion: 99 Resp: 8618

Ion	Ratio	Lower	Upper
99	100		
42	20.3	15.2	22.8
71	32.7	26.1	39.1

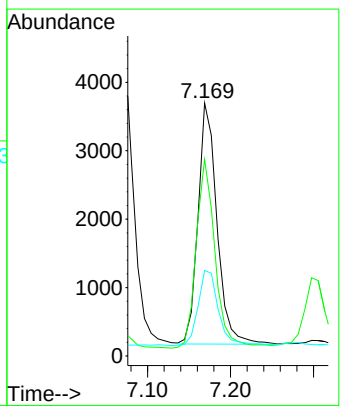




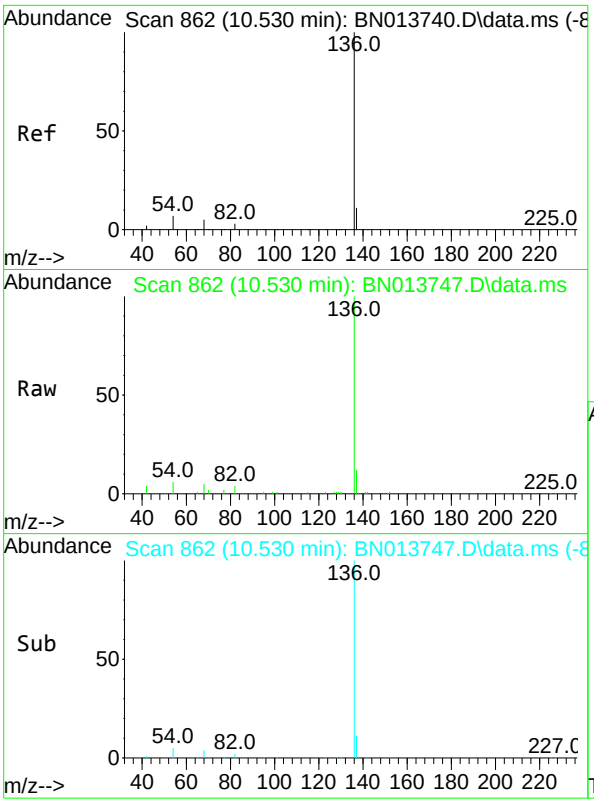
#6
bis(2-Chloroethyl)ether
Concen: 0.39 ng
RT: 7.169 min Scan# 545
Delta R.T. -0.008 min
Lab File: BN013747.D
Acq: 25 Feb 2021 04:09

Tgt Ion: 93 Resp: 5616

Ion	Ratio	Lower	Upper
93	100		
63	78.2	60.8	91.2
95	33.5	26.0	39.0



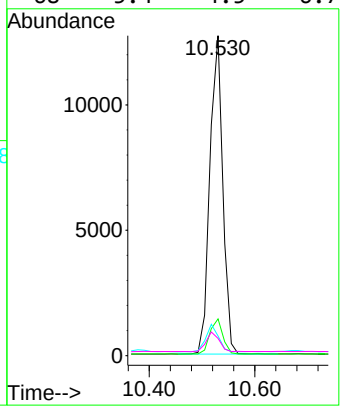
Instrument :
BNA_N
ClientSampleId :
PB134794BS

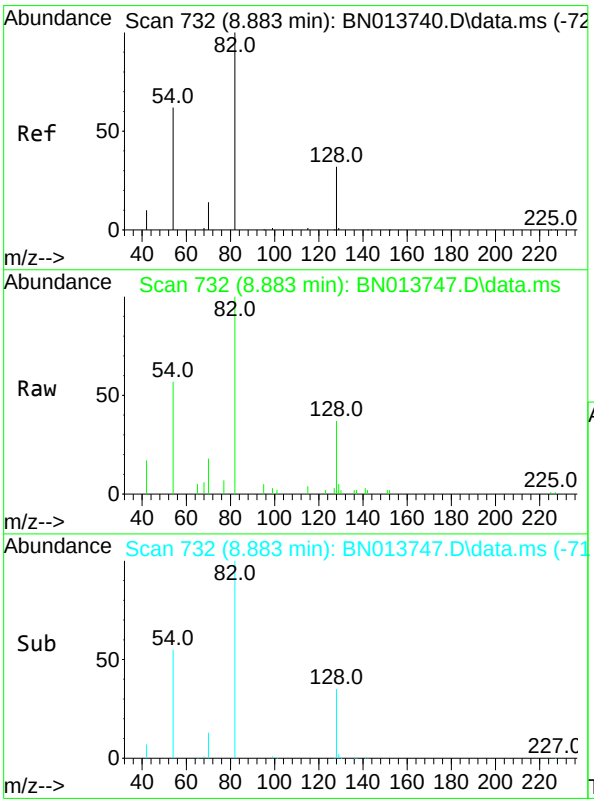


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.530 min Scan# 862
Delta R.T. -0.000 min
Lab File: BN013747.D
Acq: 25 Feb 2021 04:09

Tgt Ion:136 Resp: 21557

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	6.1	6.4	9.6#
68	5.4	4.5	6.7

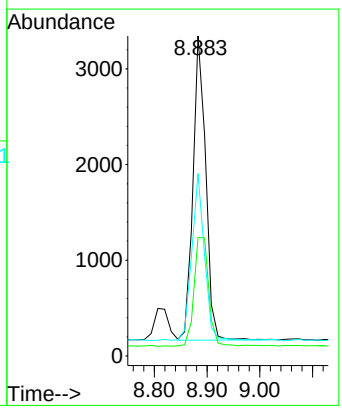




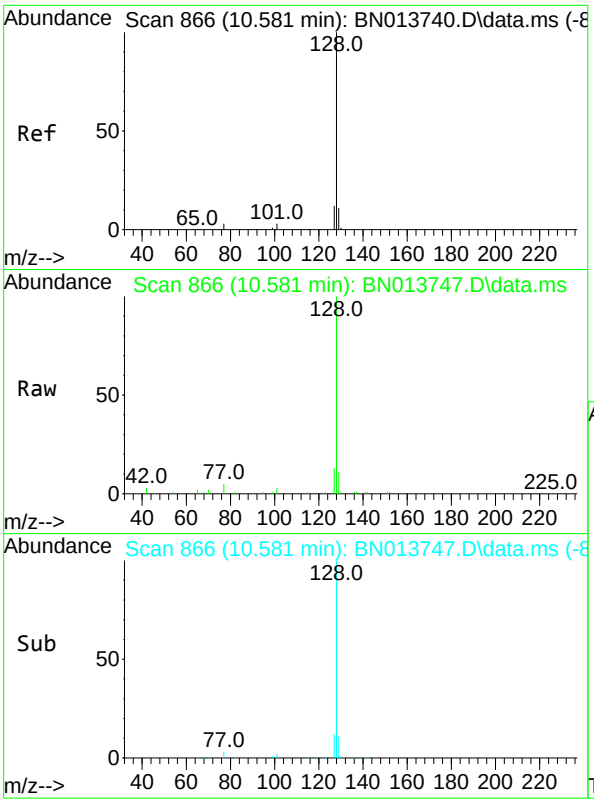
#8
Nitrobenzene-d5
Concen: 0.39 ng
RT: 8.883 min Scan# 732
Delta R.T. -0.000 min
Lab File: BN013747.D
Acq: 25 Feb 2021 04:09

Tgt Ion: 82 Resp: 5345

Ion	Ratio	Lower	Upper
82	100		
128	37.1	39.2	58.8#
54	56.9	40.1	60.1



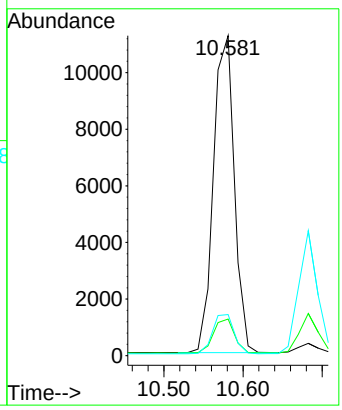
Instrument :
BNA_N
ClientSampleId :
PB134794BS

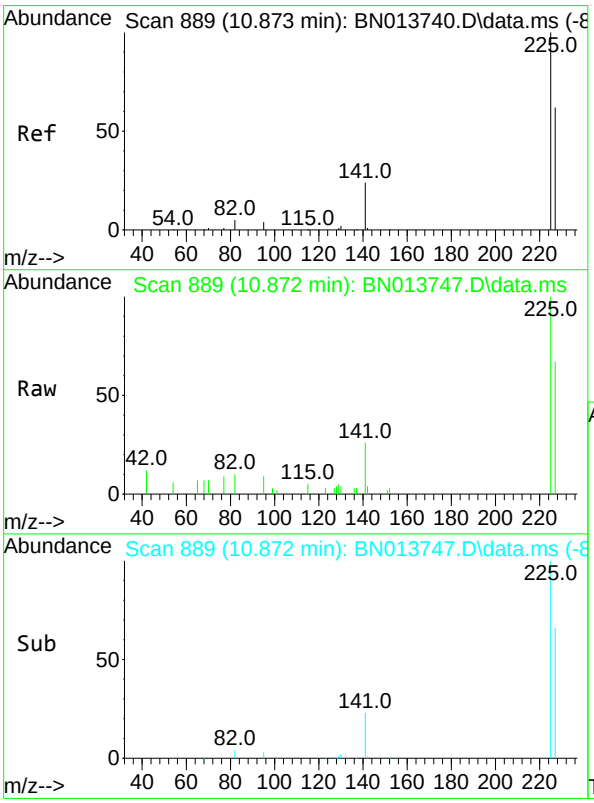


#9
Naphthalene
Concen: 0.39 ng
RT: 10.581 min Scan# 866
Delta R.T. -0.000 min
Lab File: BN013747.D
Acq: 25 Feb 2021 04:09

Tgt Ion:128 Resp: 20532

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.4
127	12.8	10.4	15.6

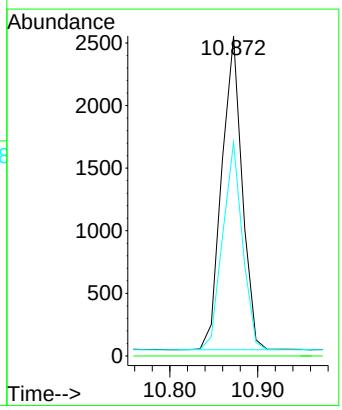




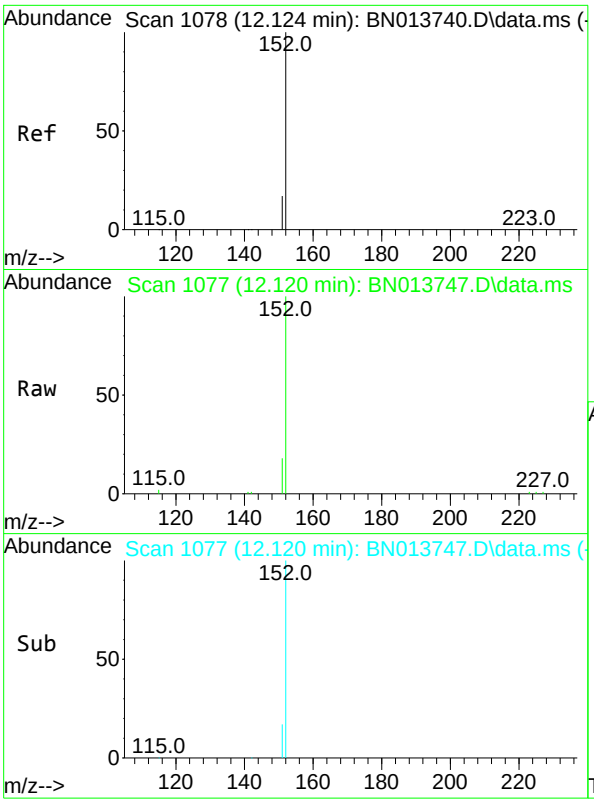
#10
Hexachlorobutadiene
Concen: 0.40 ng
RT: 10.872 min Scan# 889
Delta R.T. -0.000 min
Lab File: BN013747.D
Acq: 25 Feb 2021 04:09

Tgt Ion:225 Resp: 4034

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.1	51.2	76.8



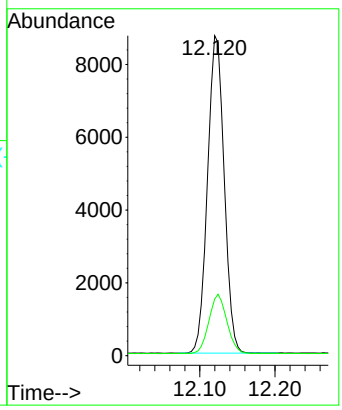
Instrument :
BNA_N
ClientSampleId :
PB134794BS

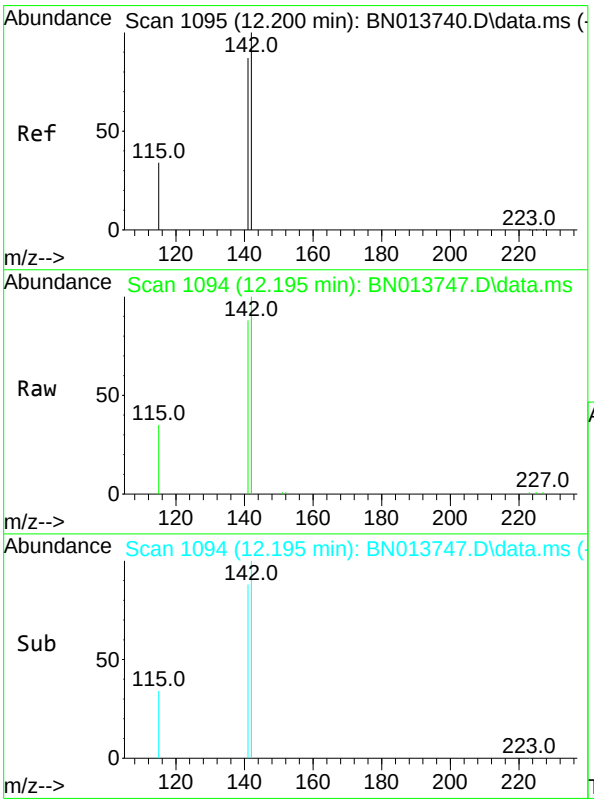


#11
2-Methylnaphthalene-d10
Concen: 0.38 ng
RT: 12.120 min Scan# 1077
Delta R.T. -0.004 min
Lab File: BN013747.D
Acq: 25 Feb 2021 04:09

Tgt Ion:152 Resp: 13414

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.2	24.2

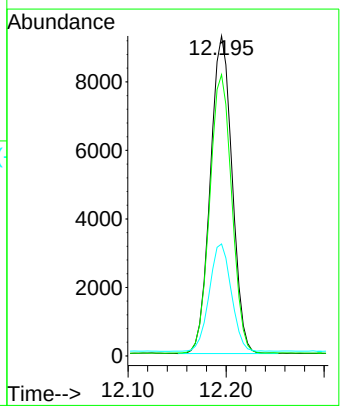




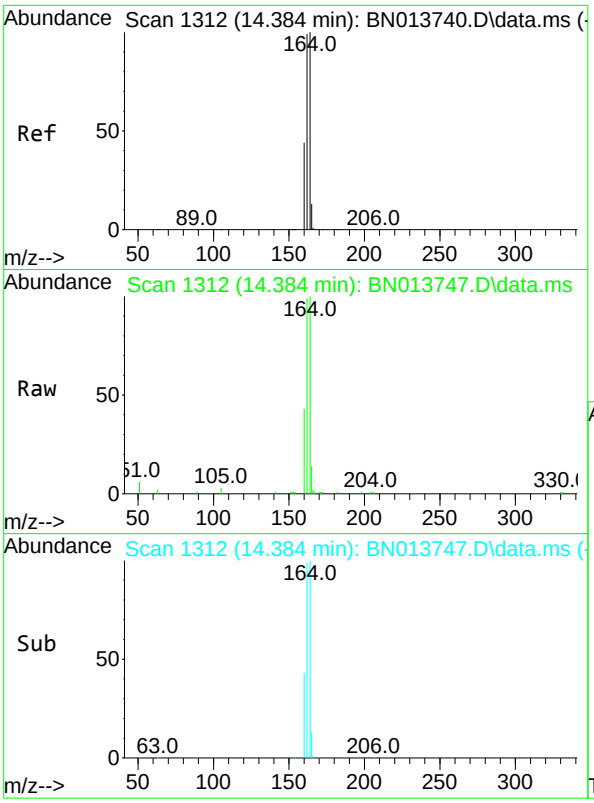
#12
2-Methylnaphthalene
Concen: 0.38 ng
RT: 12.195 min Scan# 1094
Delta R.T. -0.004 min
Lab File: BN013747.D
Acq: 25 Feb 2021 04:09

Tgt Ion:142 Resp: 14325

Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.5	105.7
115	35.0	27.4	41.0



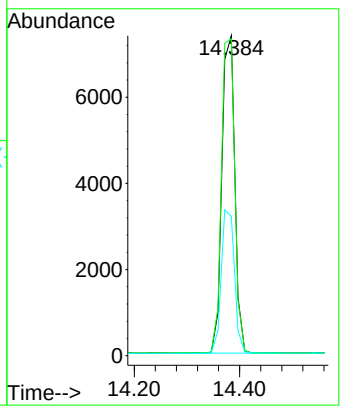
Instrument :
BNA_N
ClientSampleId :
PB134794BS

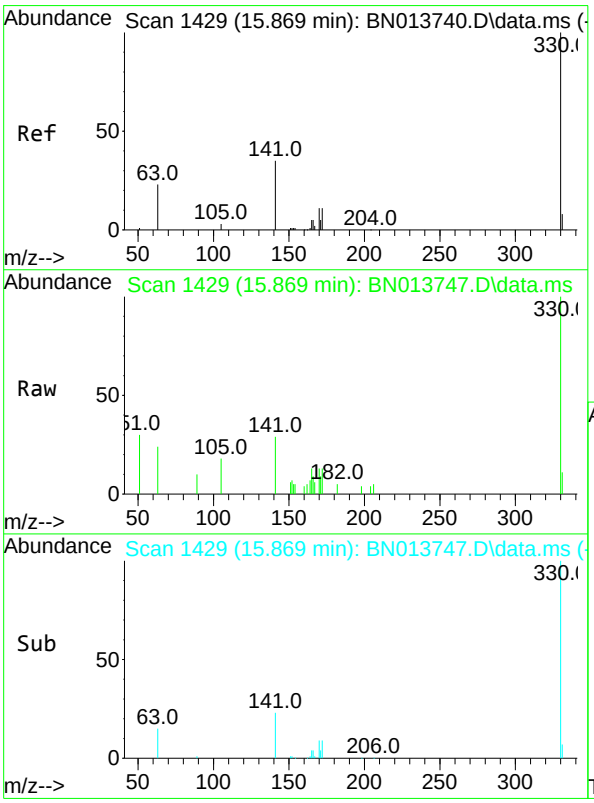


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.384 min Scan# 1312
Delta R.T. -0.000 min
Lab File: BN013747.D
Acq: 25 Feb 2021 04:09

Tgt Ion:164 Resp: 12574

Ion	Ratio	Lower	Upper
164	100		
162	99.1	79.6	119.4
160	43.5	36.0	54.0

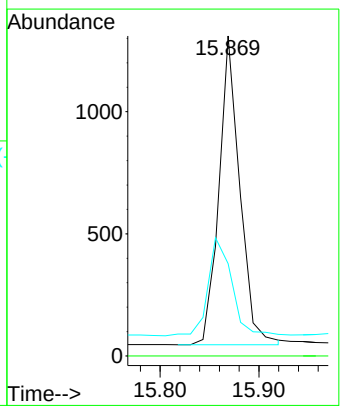




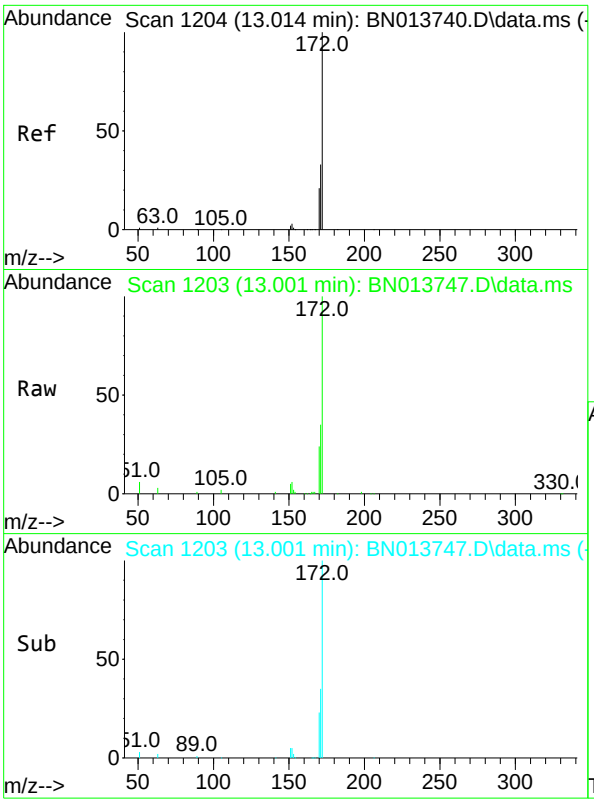
#14
2,4,6-Tribromophenol
Concen: 0.36 ng
RT: 15.869 min Scan# 1429
Delta R.T. -0.000 min
Lab File: BN013747.D
Acq: 25 Feb 2021 04:09

Tgt Ion:330 Resp: 1853

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	36.0	26.8	40.2



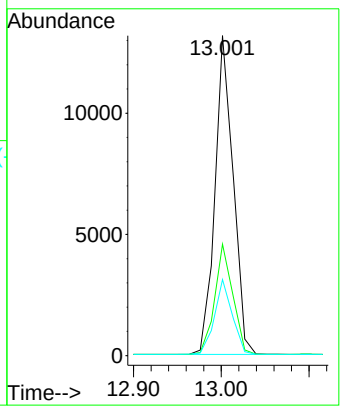
Instrument :
BNA_N
ClientSampleId :
PB134794BS

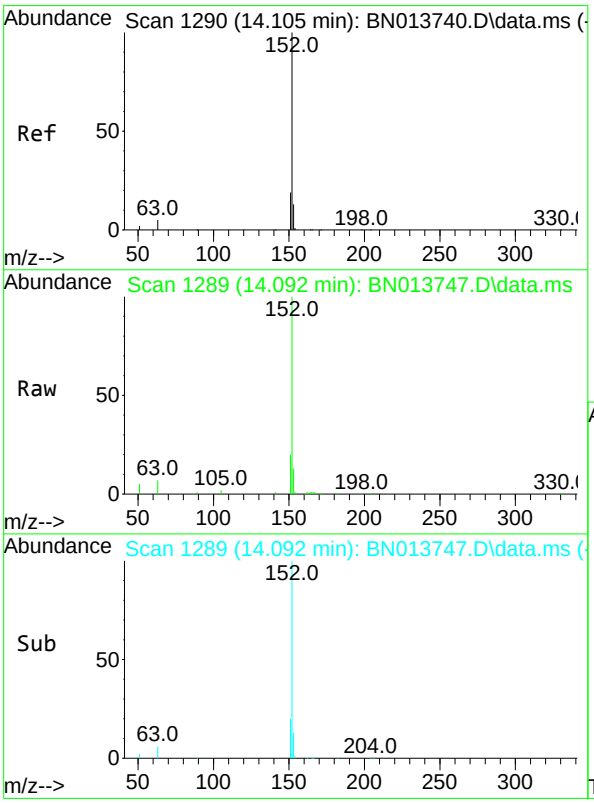


#15
2-Fluorobiphenyl
Concen: 0.43 ng
RT: 13.001 min Scan# 1203
Delta R.T. -0.013 min
Lab File: BN013747.D
Acq: 25 Feb 2021 04:09

Tgt Ion:172 Resp: 18935

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.6	42.8
170	23.8	18.9	28.3

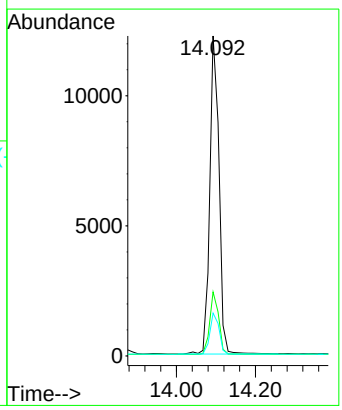




#16
Acenaphthylene
Concen: 0.35 ng
RT: 14.092 min Scan# 1289
Delta R.T. -0.013 min
Lab File: BN013747.D
Acq: 25 Feb 2021 04:09

Tgt Ion:152 Resp: 19820

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.7	23.5
153	13.2	10.5	15.7



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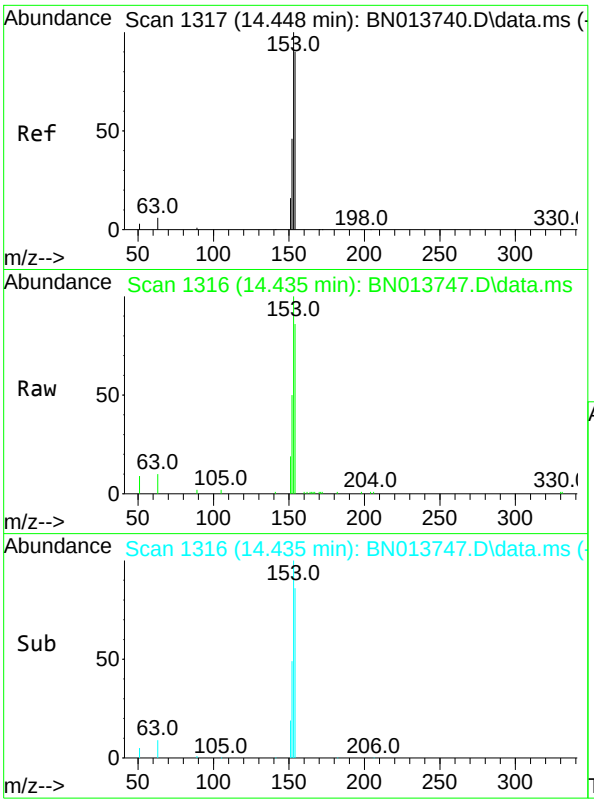
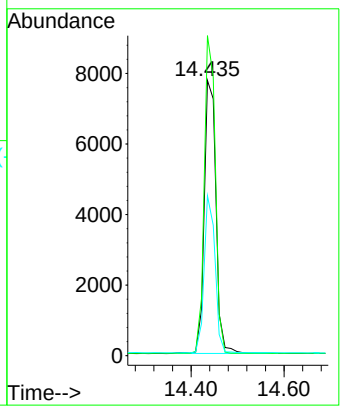
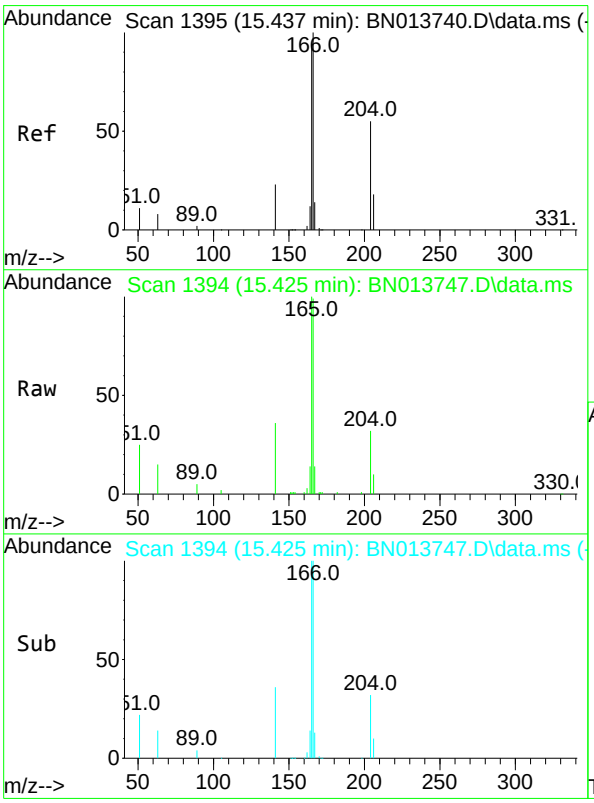


#17
Acenaphthene
Concen: 0.39 ng
RT: 14.435 min Scan# 1316
Delta R.T. -0.013 min
Lab File: BN013747.D
Acq: 25 Feb 2021 04:09

Tgt Ion:154 Resp: 13561

Ion	Ratio	Lower	Upper
154	100		
153	110.1	88.4	132.6
152	53.3	43.0	64.4

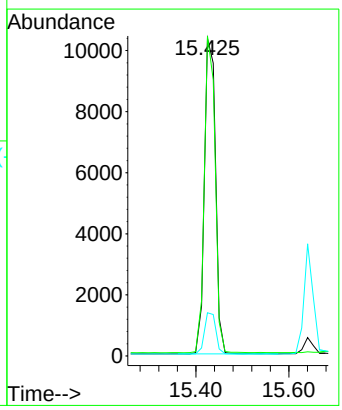


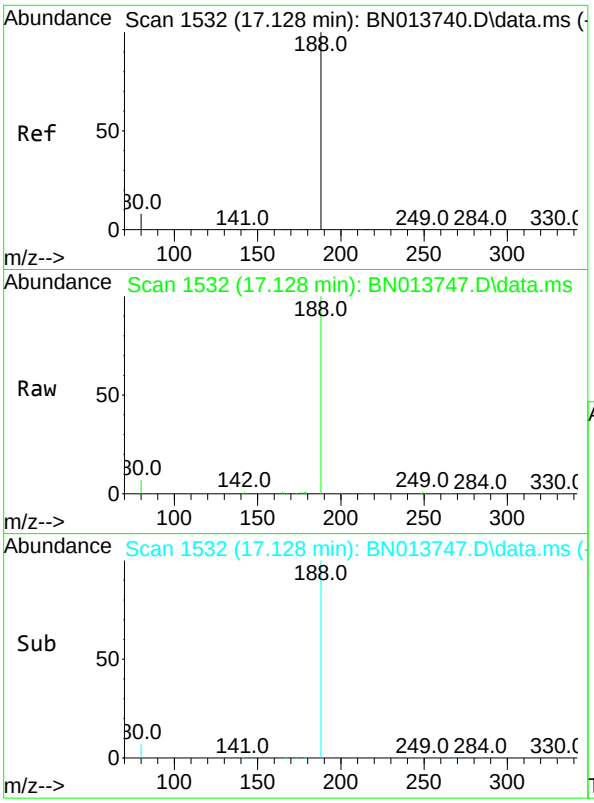


#18
Fluorene
Concen: 0.38 ng
RT: 15.425 min Scan# 1394
Delta R.T. -0.013 min
Lab File: BN013747.D
Acq: 25 Feb 2021 04:09

Tgt Ion:166 Resp: 17315

Ion	Ratio	Lower	Upper
166	100		
165	97.4	77.8	116.8
167	13.3	10.6	16.0

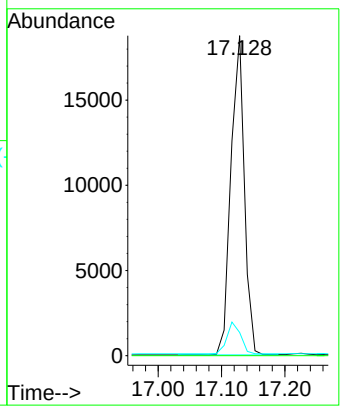


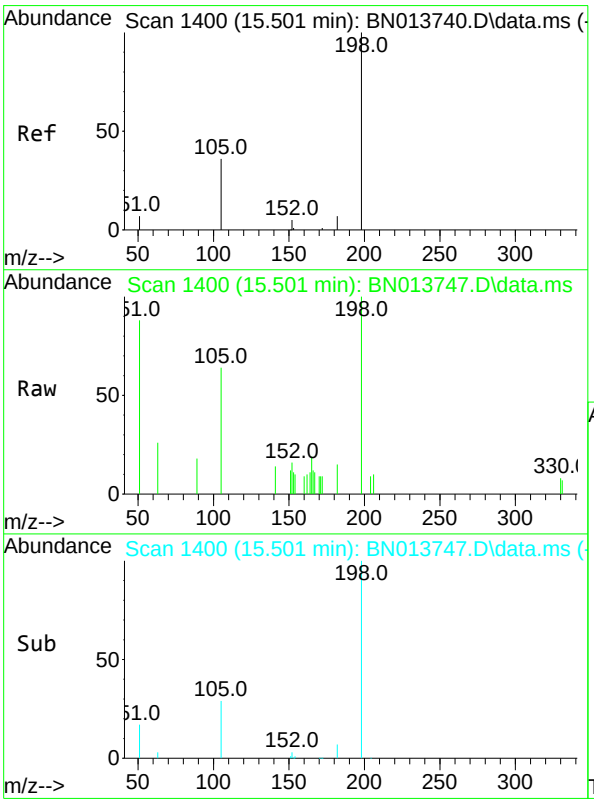


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.128 min Scan# 1532
Delta R.T. -0.000 min
Lab File: BN013747.D
Acq: 25 Feb 2021 04:09

Tgt Ion:188 Resp: 27609

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.3	9.0	13.6#

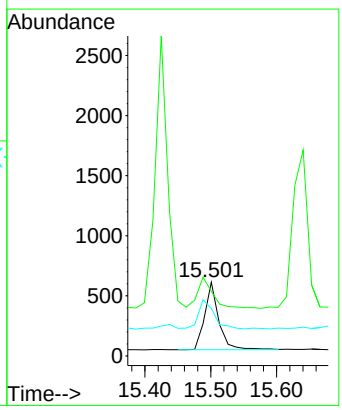




#20
4,6-Dinitro-2-methylphenol
Concen: 0.43 ng
RT: 15.501 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BN013747.D
Acq: 25 Feb 2021 04:09

Tgt Ion:198 Resp: 832

Ion	Ratio	Lower	Upper
198	100		
51	87.6	61.7	92.5
105	64.3	33.0	49.6#



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ClientSampleId :
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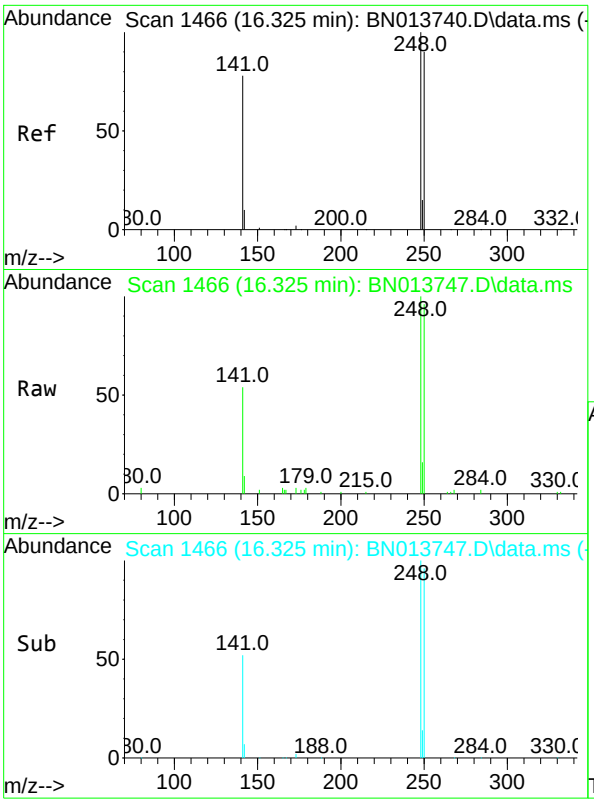
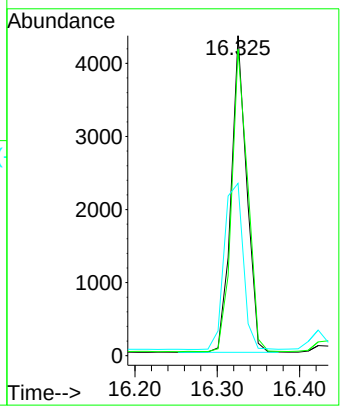
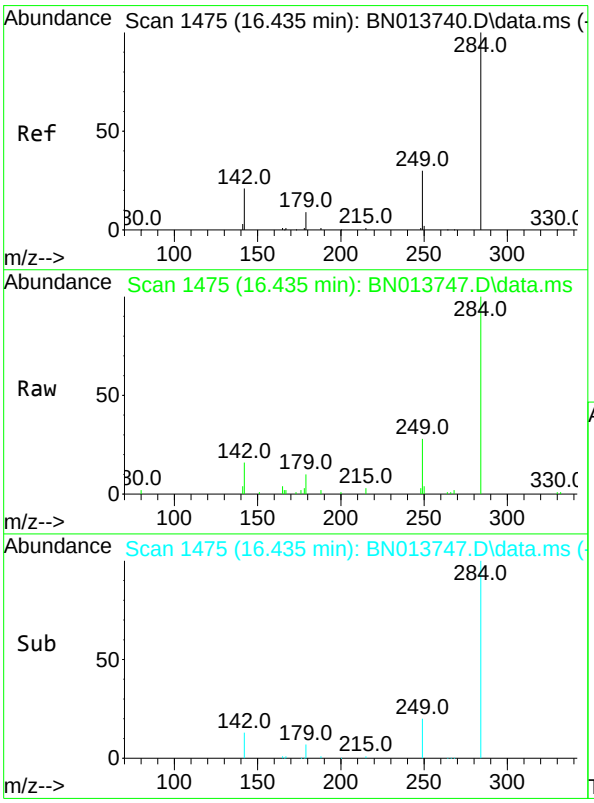


#21
4-Bromophenyl-phenylether
Concen: 0.38 ng
RT: 16.325 min Scan# 1466
Delta R.T. -0.000 min
Lab File: BN013747.D
Acq: 25 Feb 2021 04:09

Tgt Ion:248 Resp: 5719

Ion	Ratio	Lower	Upper
248	100		
250	95.8	75.5	113.3
141	53.9	53.8	80.8

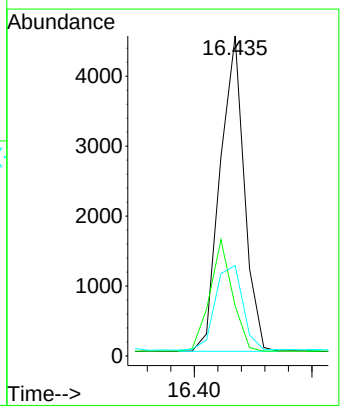




#22
Hexachlorobenzene
Concen: 0.41 ng
RT: 16.435 min Scan# 1475
Delta R.T. -0.000 min
Lab File: BN013747.D
Acq: 25 Feb 2021 04:09

Tgt Ion:284 Resp: 6413

Ion	Ratio	Lower	Upper
284	100		
142	33.2	27.9	41.9
249	30.5	24.2	36.2



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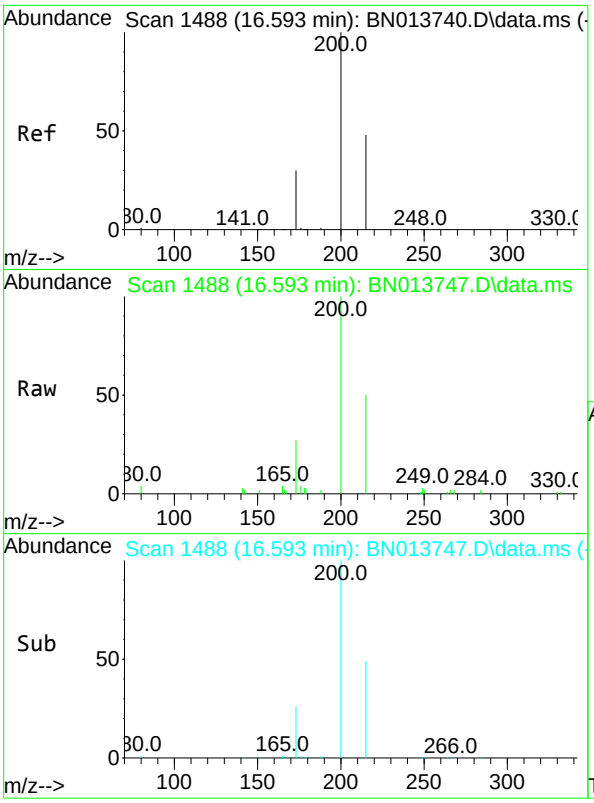
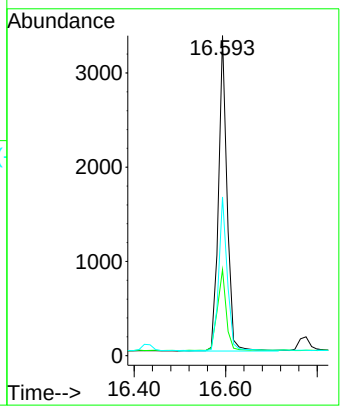
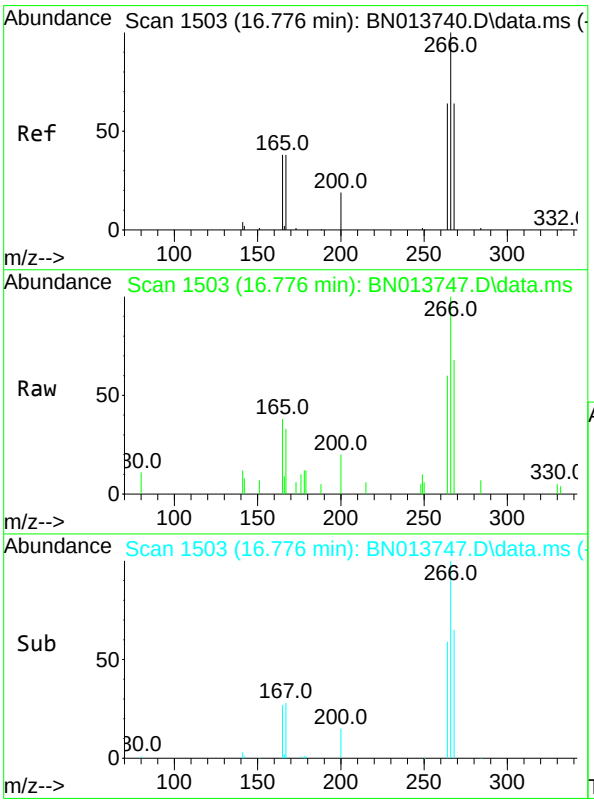


#23
Atrazine
Concen: 0.31 ng
RT: 16.593 min Scan# 1488
Delta R.T. -0.000 min
Lab File: BN013747.D
Acq: 25 Feb 2021 04:09

Tgt Ion:200 Resp: 4329

Ion	Ratio	Lower	Upper
200	100		
173	26.9	18.6	28.0
215	49.6	41.0	61.6

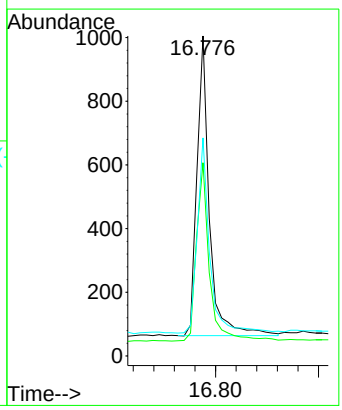




#24
Pentachlorophenol
Concen: 0.31 ng
RT: 16.776 min Scan# 1503
Delta R.T. -0.000 min
Lab File: BN013747.D
Acq: 25 Feb 2021 04:09

Tgt Ion:266 Resp: 1582

Ion	Ratio	Lower	Upper
266	100		
264	62.0	51.6	77.4
268	65.2	54.6	82.0



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BNA_N
ClientSampleId :
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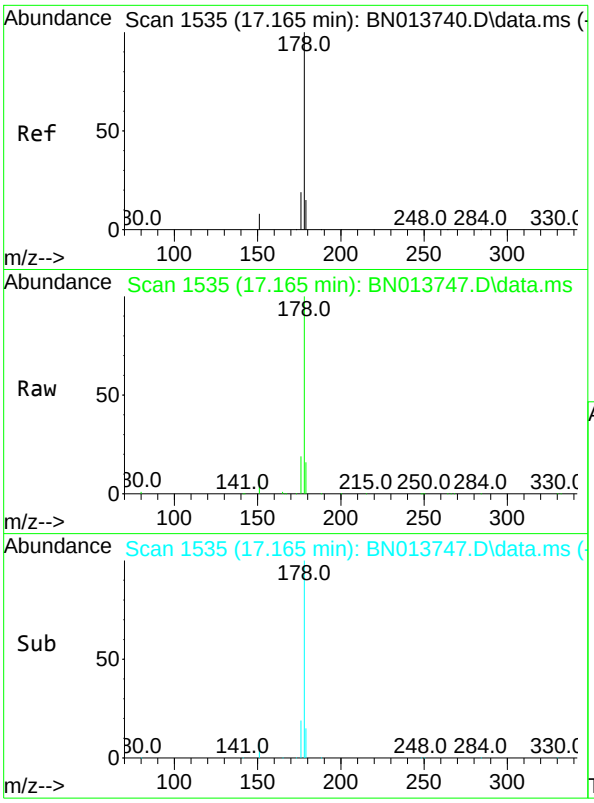
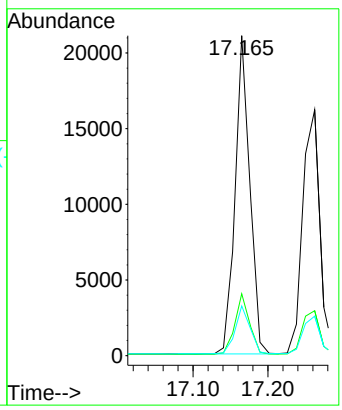
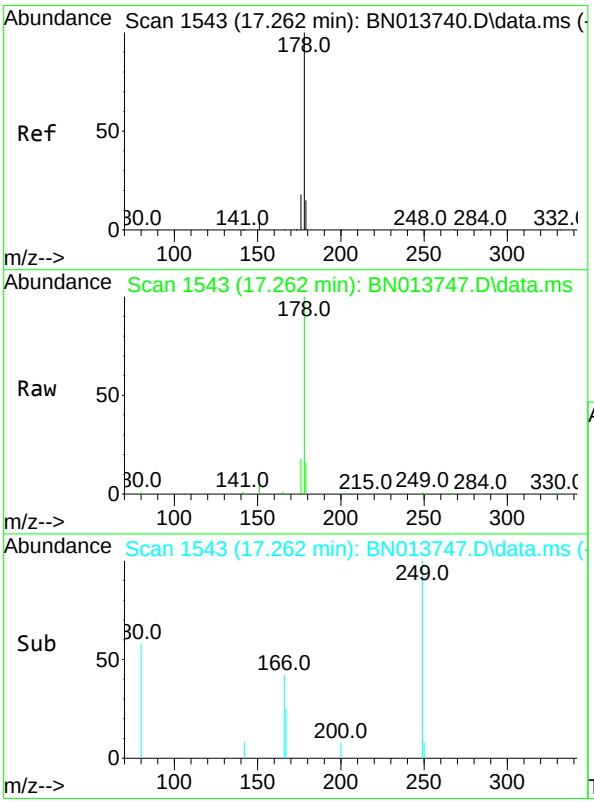


#25
Phenanthrene
Concen: 0.40 ng
RT: 17.165 min Scan# 1535
Delta R.T. -0.000 min
Lab File: BN013747.D
Acq: 25 Feb 2021 04:09

Tgt Ion:178 Resp: 28616

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	15.3	12.3	18.5

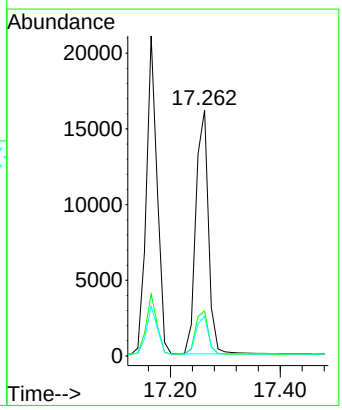




#26
Anthracene
Concen: 0.37 ng
RT: 17.262 min Scan# 1543
Delta R.T. -0.000 min
Lab File: BN013747.D
Acq: 25 Feb 2021 04:09

Tgt Ion:178 Resp: 25725

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	21.8
179	15.2	12.2	18.2



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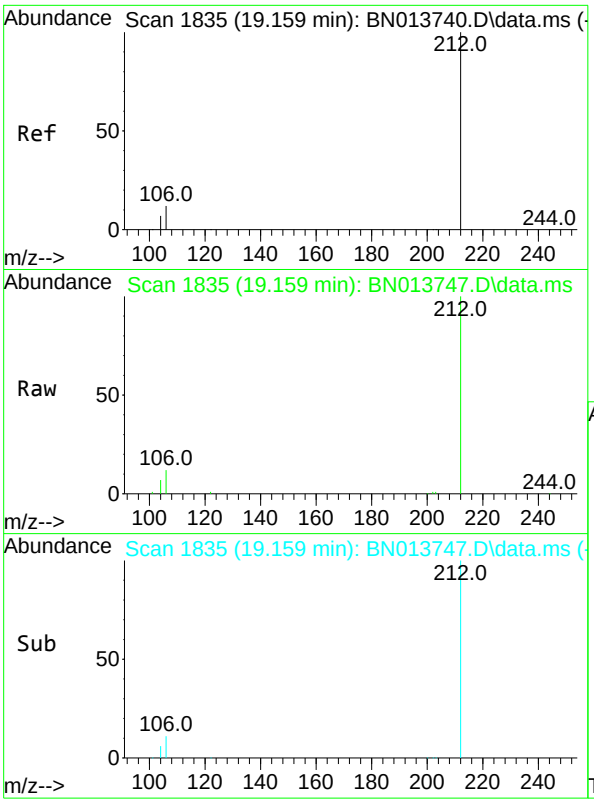
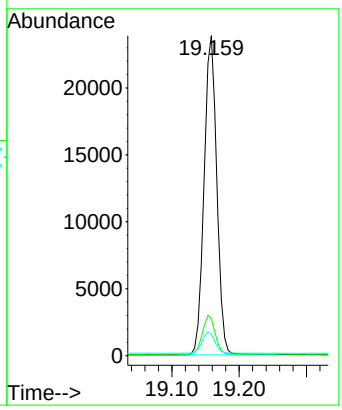
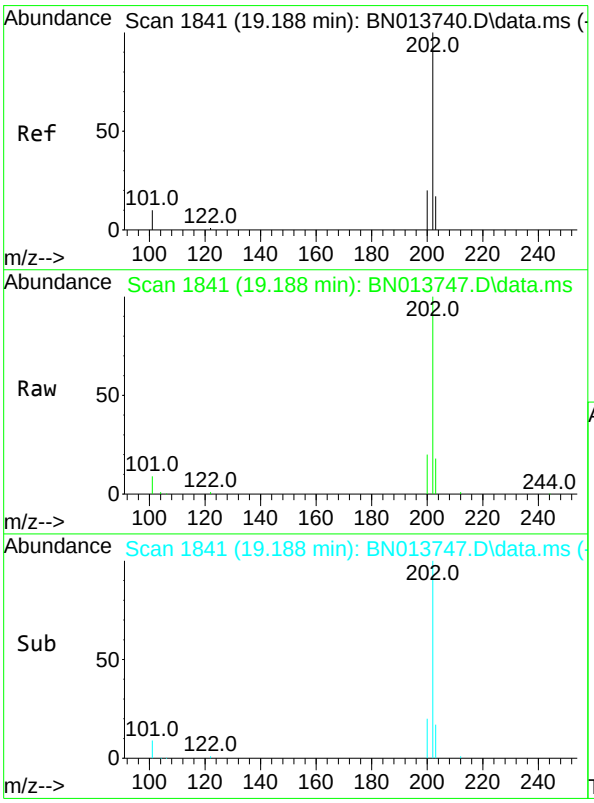


#27
Fluoranthene-d10
Concen: 0.38 ng
RT: 19.159 min Scan# 1835
Delta R.T. -0.000 min
Lab File: BN013747.D
Acq: 25 Feb 2021 04:09

Tgt Ion:212 Resp: 31104

Ion	Ratio	Lower	Upper
212	100		
106	12.2	9.7	14.5
104	6.8	5.5	8.3

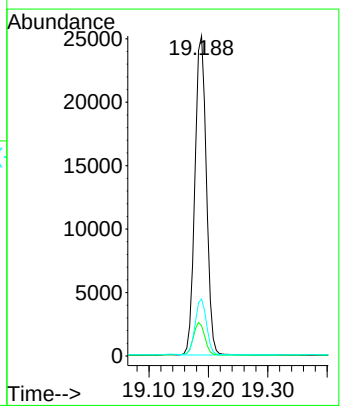




#28
Fluoranthene
Concen: 0.39 ng
RT: 19.188 min Scan# 1841
Delta R.T. -0.000 min
Lab File: BN013747.D
Acq: 25 Feb 2021 04:09

Tgt Ion:202 Resp: 33572

Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.1	12.1
203	17.3	13.9	20.9



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BNA_N
ClientSampleId :
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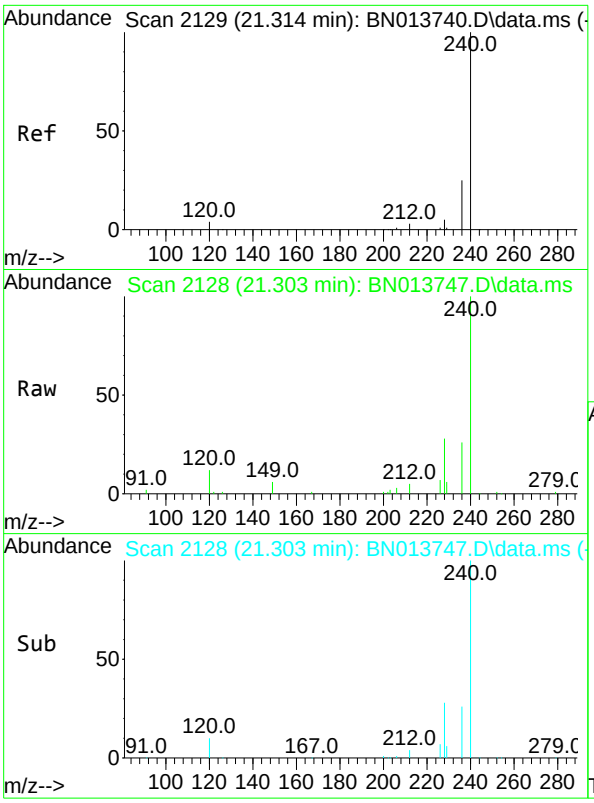
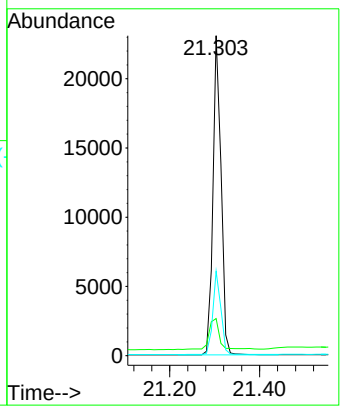
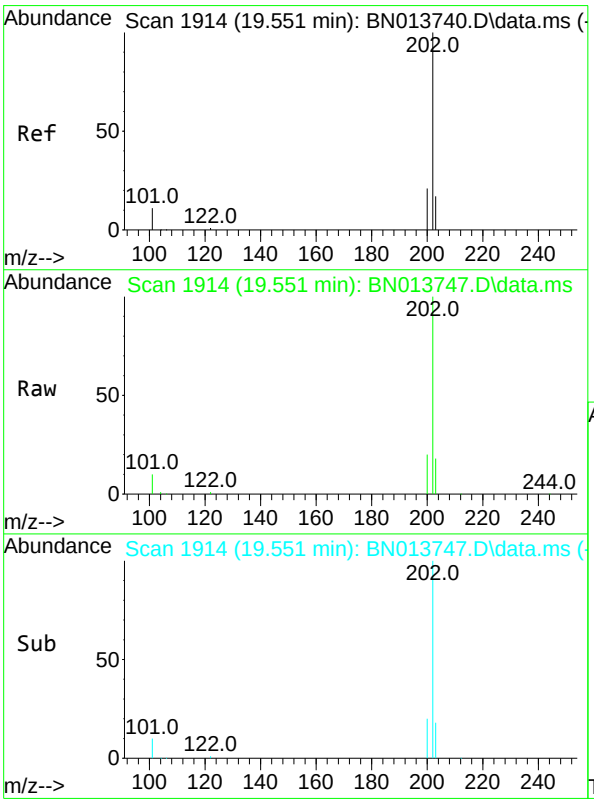


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.303 min Scan# 2128
Delta R.T. -0.011 min
Lab File: BN013747.D
Acq: 25 Feb 2021 04:09

Tgt Ion:240 Resp: 28748

Ion	Ratio	Lower	Upper
240	100		
120	11.6	10.2	15.4
236	26.4	21.3	31.9

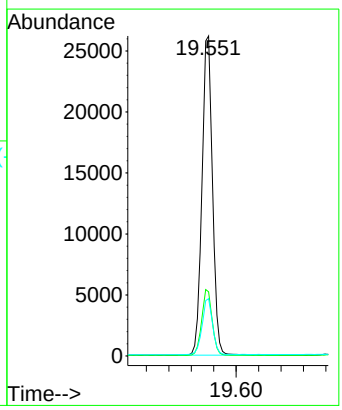




#30
Pyrene
Concen: 0.38 ng
RT: 19.551 min Scan# 1914
Delta R.T. -0.000 min
Lab File: BN013747.D
Acq: 25 Feb 2021 04:09

Tgt Ion:202 Resp: 33924

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.3	24.5
203	17.5	14.0	21.0



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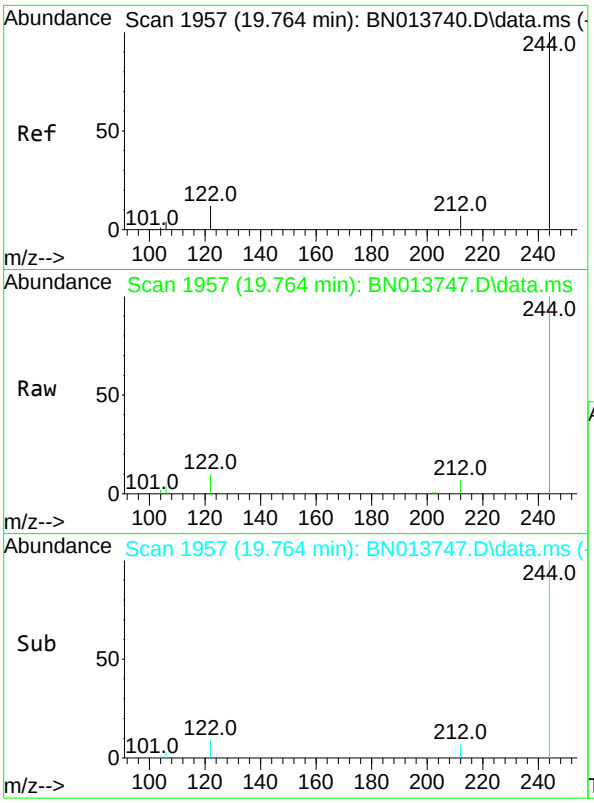
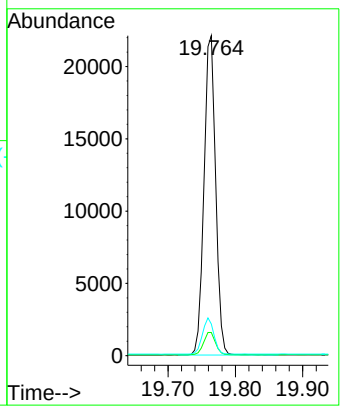
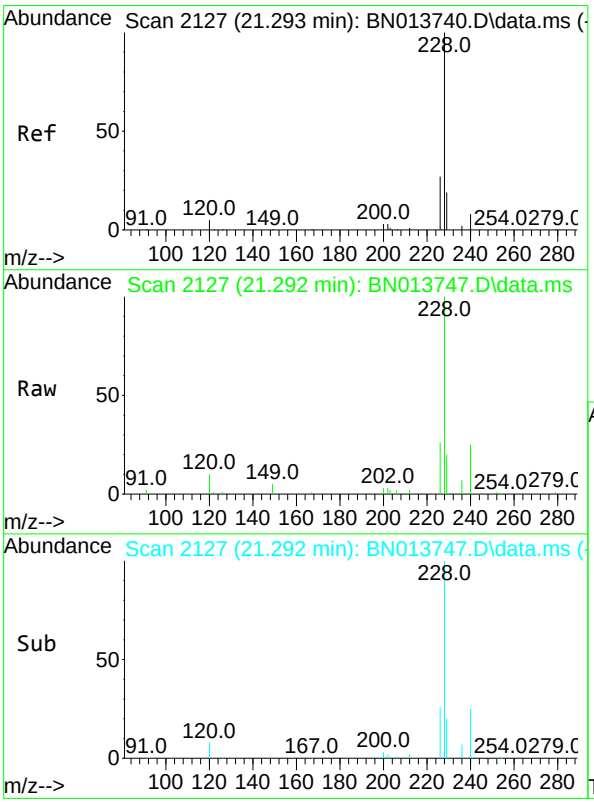


#31
Terphenyl-d14
Concen: 0.41 ng
RT: 19.764 min Scan# 1957
Delta R.T. -0.000 min
Lab File: BN013747.D
Acq: 25 Feb 2021 04:09

Tgt Ion:244 Resp: 26328

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	9.9	9.8	14.8

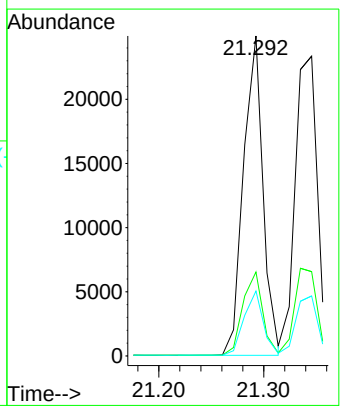




#32
Benzo(a)anthracene
Concen: 0.36 ng
RT: 21.292 min Scan# 2127
Delta R.T. -0.000 min
Lab File: BN013747.D
Acq: 25 Feb 2021 04:09

Tgt Ion:228 Resp: 32164

Ion	Ratio	Lower	Upper
228	100		
226	26.3	20.5	30.7
229	20.3	16.2	24.4



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BNA_N
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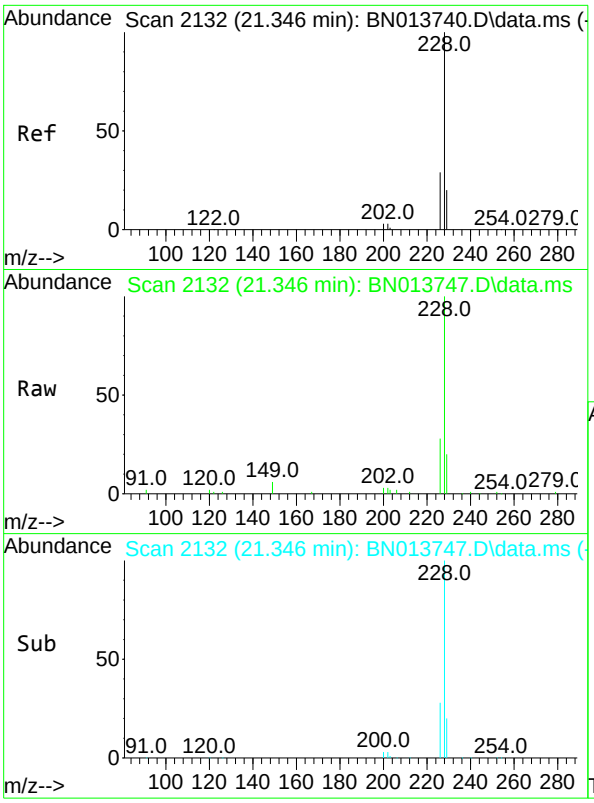
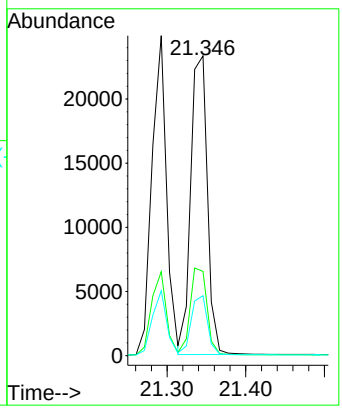
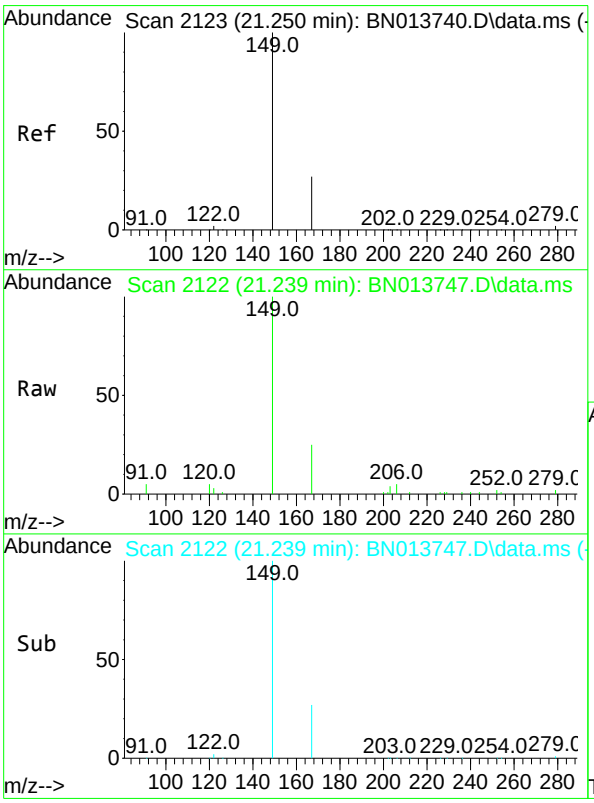


#33
Chrysene
Concen: 0.40 ng
RT: 21.346 min Scan# 2132
Delta R.T. -0.000 min
Lab File: BN013747.D
Acq: 25 Feb 2021 04:09

Tgt Ion:228 Resp: 34378

Ion	Ratio	Lower	Upper
228	100		
226	28.1	24.3	36.5
229	20.0	15.1	22.7

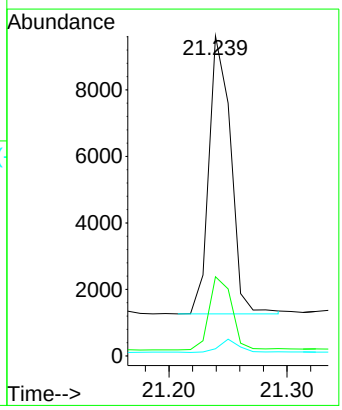




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.26 ng
RT: 21.239 min Scan# 2122
Delta R.T. -0.011 min
Lab File: BN013747.D
Acq: 25 Feb 2021 04:09

Tgt Ion:149 Resp: 10721

Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.1	33.1
279	4.4	3.5	5.3



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BNA_N
ClientSampleId :
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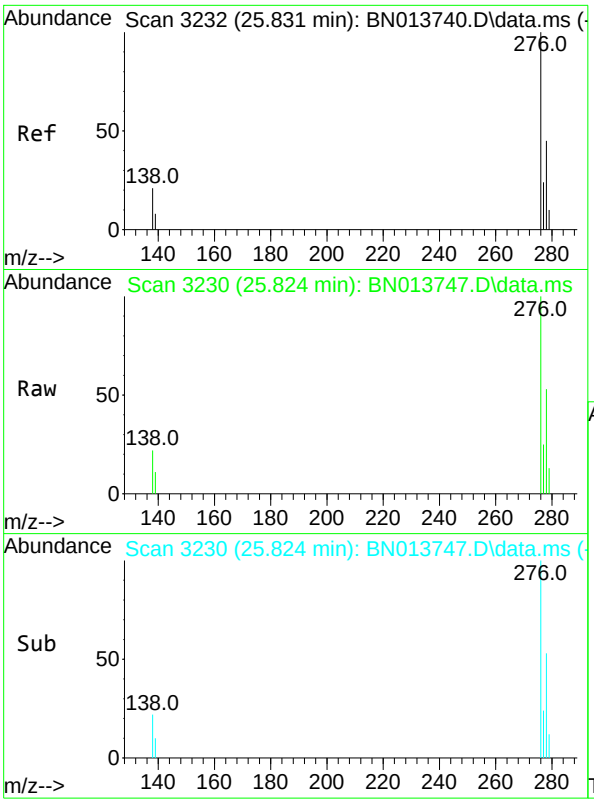
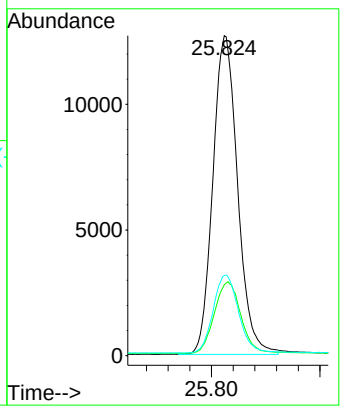
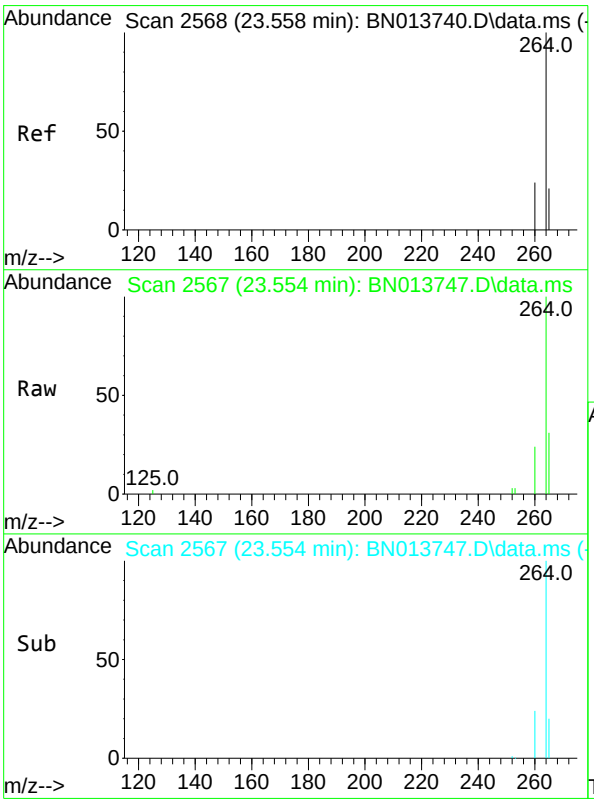


#35
Indeno(1,2,3-cd)pyrene
Concen: 0.38 ng
RT: 25.824 min Scan# 3230
Delta R.T. -0.007 min
Lab File: BN013747.D
Acq: 25 Feb 2021 04:09

Tgt Ion:276 Resp: 40184

Ion	Ratio	Lower	Upper
276	100		
138	23.8	19.8	29.6
277	25.1	19.9	29.9

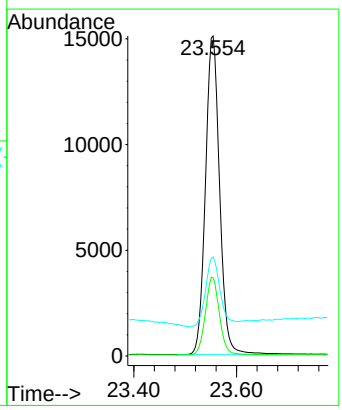




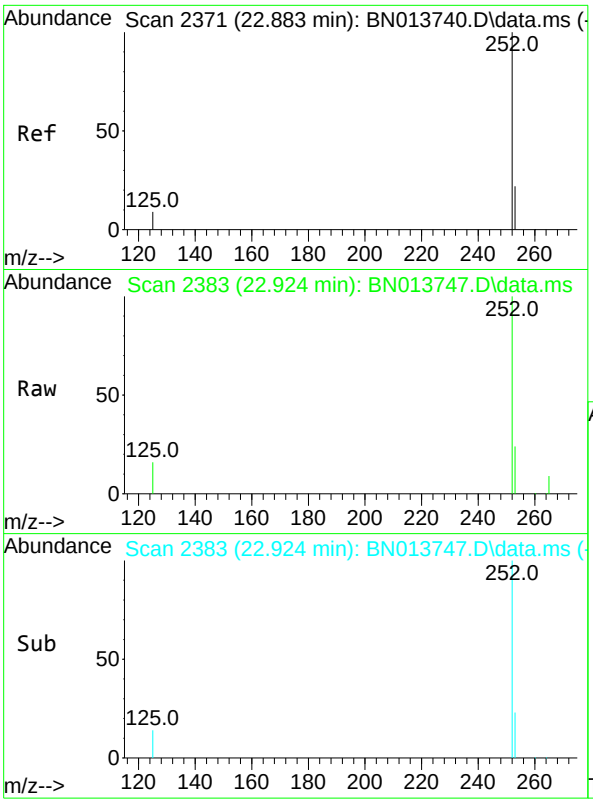
#36
Perylene-d12
Concen: 0.40 ng
RT: 23.554 min Scan# 2567
Delta R.T. -0.003 min
Lab File: BN013747.D
Acq: 25 Feb 2021 04:09

Tgt Ion:264 Resp: 28833

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.3	28.9
265	30.9	66.2	99.4#



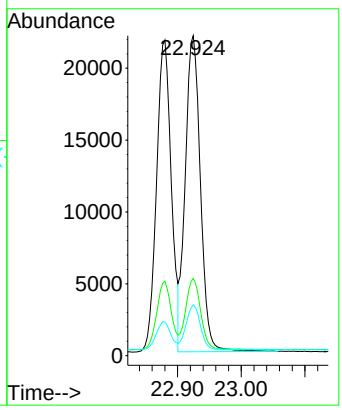
Instrument :
BNA_N
ClientSampleId :
PB134794BS

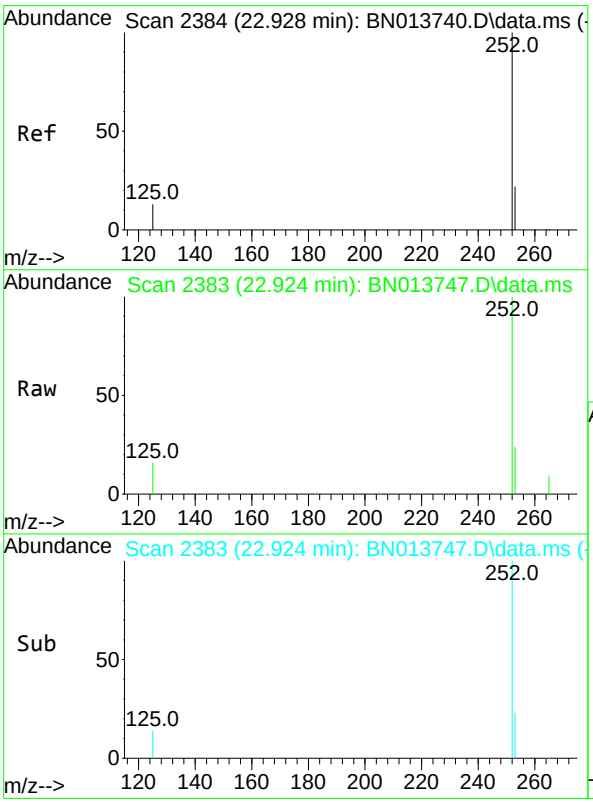


#37
Benzo(b)fluoranthene
Concen: 0.40 ng
RT: 22.924 min Scan# 2383
Delta R.T. 0.041 min
Lab File: BN013747.D
Acq: 25 Feb 2021 04:09

Tgt Ion:252 Resp: 36464

Ion	Ratio	Lower	Upper
252	100		
253	24.1	20.4	30.6
125	15.9	11.6	17.4

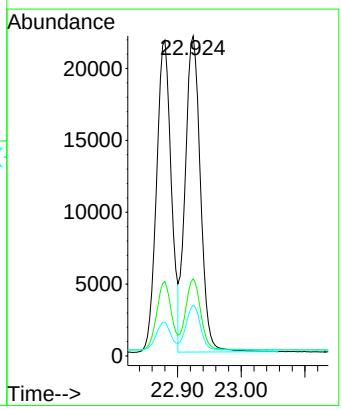




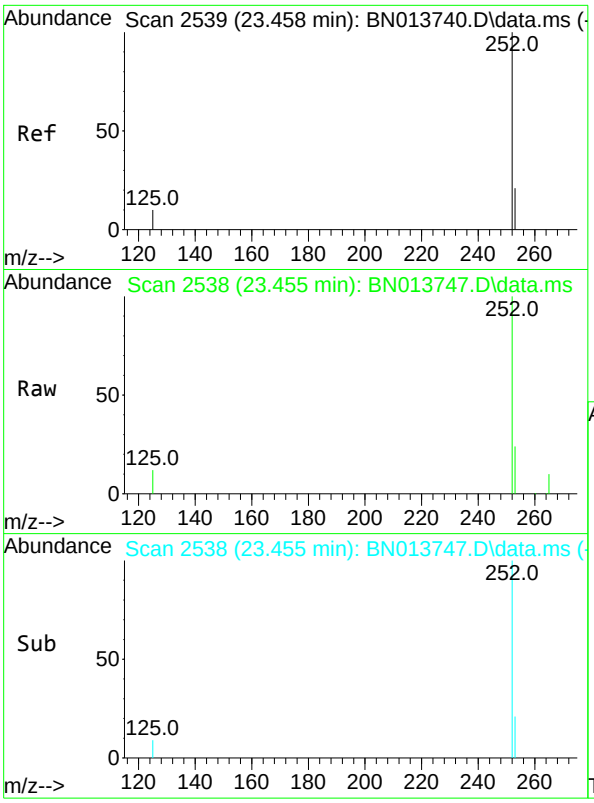
#38
Benzo(k)fluoranthene
Concen: 0.41 ng
RT: 22.924 min Scan# 2383
Delta R.T. -0.003 min
Lab File: BN013747.D
Acq: 25 Feb 2021 04:09

Tgt Ion:252 Resp: 36464

Ion	Ratio	Lower	Upper
252	100		
253	24.1	20.5	30.7
125	15.9	12.3	18.5



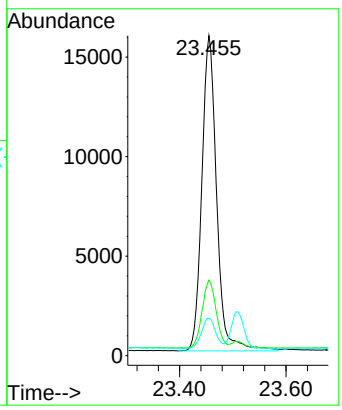
Instrument :
BNA_N
ClientSampleId :
PB134794BS

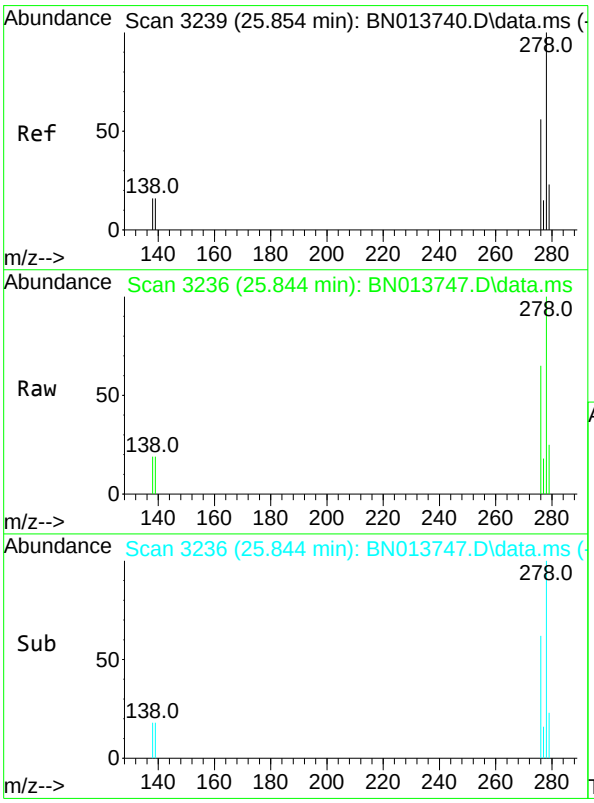


#39
Benzo(a)pyrene
Concen: 0.37 ng
RT: 23.455 min Scan# 2538
Delta R.T. -0.003 min
Lab File: BN013747.D
Acq: 25 Feb 2021 04:09

Tgt Ion:252 Resp: 30538

Ion	Ratio	Lower	Upper
252	100		
253	23.6	21.8	32.6
125	11.7	14.6	21.8#

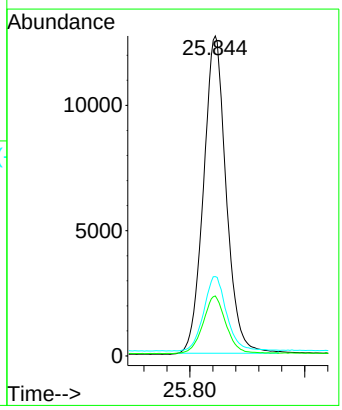


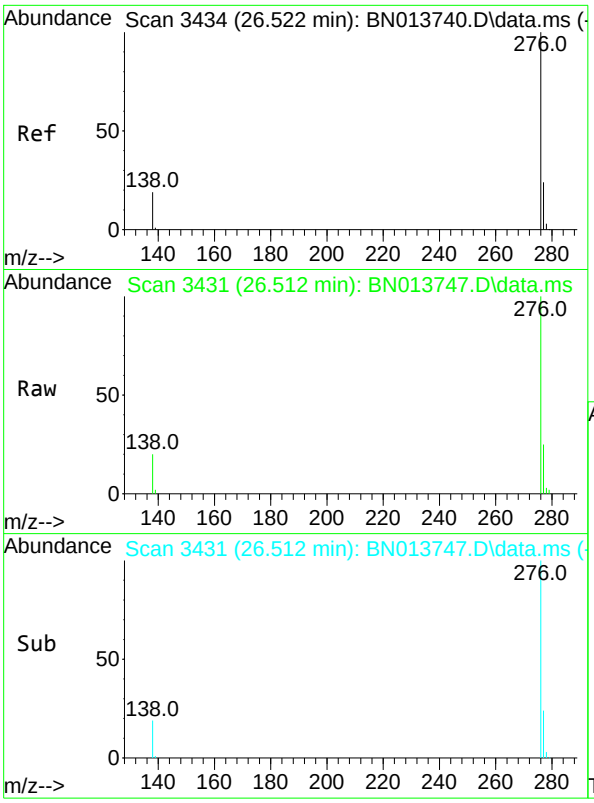


#40
Dibenzo(a,h)anthracene
Concen: 0.39 ng
RT: 25.844 min Scan# 3236
Delta R.T. -0.010 min
Lab File: BN013747.D
Acq: 25 Feb 2021 04:09

Tgt Ion:278 Resp: 34692

Ion	Ratio	Lower	Upper
278	100		
139	18.8	13.1	19.7
279	24.8	21.4	32.0

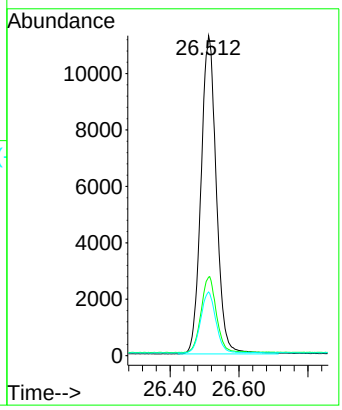




#41
Benzo(g,h,i)perylene
Concen: 0.39 ng
RT: 26.512 min Scan# 3431
Delta R.T. -0.010 min
Lab File: BN013747.D
Acq: 25 Feb 2021 04:09

Tgt Ion:276 Resp: 34861

Ion	Ratio	Lower	Upper
276	100		
277	24.5	20.0	30.0
138	19.9	17.8	26.8



Instrument :
BNA_N
ClientSampleId :
PB134794BS