Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062921\
Data File : BN015199.D
Acq On : 29 Jun 2021 23:21
Operator : CG/JU
Sample : PB137316BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB137316BS

Quant Time: Jun 30 02:27:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 29 19:13:09 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.741	152	17068	0.40	ng	# 0.00
7) Naphthalene-d8	10.505	136	75041	0.40	ng	# 0.00
13) Acenaphthene-d10	14.346	164	34397	0.40	ng	0.00
19) Phenanthrene-d10	17.091	188	60702	0.40	ng	0.00
29) Chrysene-d12	21.292	240	57797	0.40	ng	#-0.01
35) Perylene-d12	23.540	264	42793	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.380	112	10650	0.29	ng	0.04
5) Phenol-d6	6.920	99	15961	0.28	ng	0.02
8) Nitrobenzene-d5	8.870	82	23441	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.088	152	39064	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.843	330	2706	0.36	ng	0.00
15) 2-Fluorobiphenyl	12.963	172	53728	0.37	ng	-0.01
27) Fluoranthene-d10	19.133	212	49042	0.27	ng	0.00
31) Terphenyl-d14	19.734	244	64470	0.51	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.389	88	3067	0.62	ng	# 53
3) n-Nitrosodimethylamine	3.693	42	3413	0.34	ng	# 58
6) bis(2-Chloroethyl)ether	7.169	93	20513	0.38	ng	# 82
9) Naphthalene	10.543	128	78551	0.36	ng	98
10) Hexachlorobutadiene	10.835	225	16346	0.38	ng	# 99
12) 2-Methylnaphthalene	12.164	142	49784	0.36	ng	# 90
16) Acenaphthylene	14.067	152	65750	0.37	ng	98
17) Acenaphthene	14.409	154	40693	0.37	ng	96
18) Fluorene	15.399	166	47382	0.36	ng	99
20) 4,6-Dinitro-2-methylph...	15.475	198	250	0.40	ng	93
21) 4-Bromophenyl-phenylether	16.288	248	14410	0.34	ng	# 81
22) Hexachlorobenzene	16.410	284	19780	0.40	ng	# 91
23) Atrazine	16.556	200	5282	0.33	ng	91
24) Pentachlorophenol	16.751	266	3133	0.77	ng	99
25) Phenanthrene	17.140	178	74081	0.36	ng	99
26) Anthracene	17.225	178	60342	0.33	ng	99
28) Fluoranthene	19.163	202	76877	0.34	ng	# 97
30) Pyrene	19.525	202	66711	0.32	ng	99
32) Benzo(a)anthracene	21.281	228	60951	0.31	ng	96
33) Chrysene	21.324	228	78966	0.36	ng	98
34) Bis(2-ethylhexyl)phtha...	21.218	149	12577	0.37	ng	# 85
36) Indeno(1,2,3-cd)pyrene	25.806	276	55042	0.31	ng	# 87
37) Benzo(b)fluoranthene	22.866	252	60355	0.36	ng	# 96
38) Benzo(k)fluoranthene	22.910	252	71488	0.40	ng	# 94
39) Benzo(a)pyrene	23.444	252	46704	0.30	ng	# 94
40) Dibenzo(a,h)anthracene	25.816	278	43032	0.31	ng	# 91
41) Benzo(g,h,i)perylene	26.487	276	44785	0.31	ng	# 90

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062921\
Data File : BN015199.D
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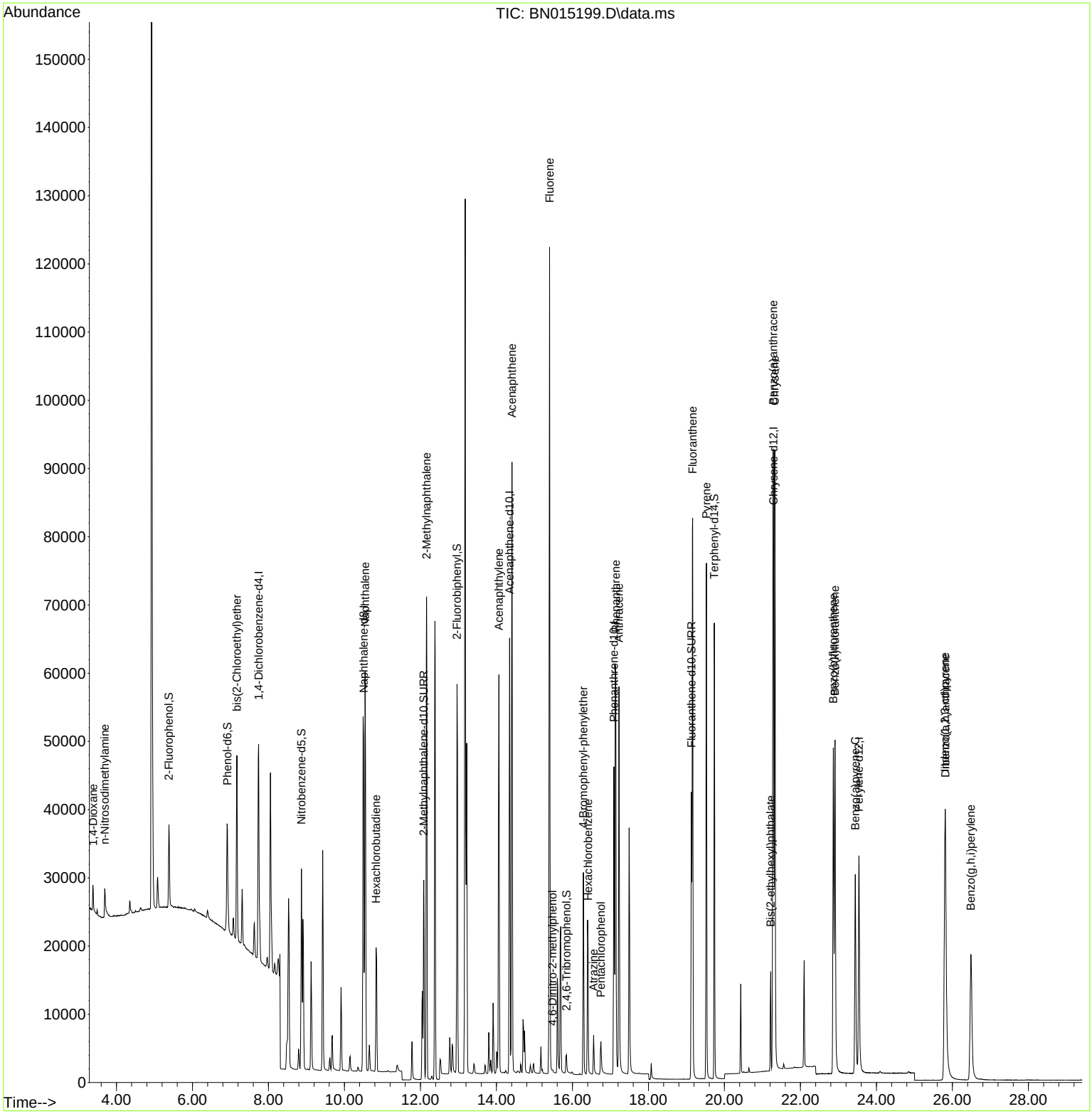
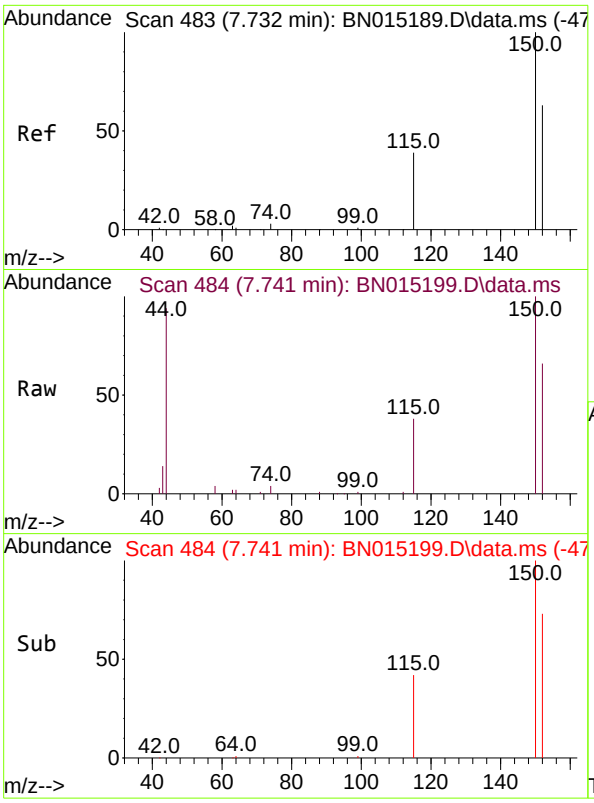
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB137316BS

Quant Time: Jun 30 02:27:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 29 19:13:09 2021
Response via : Initial Calibration

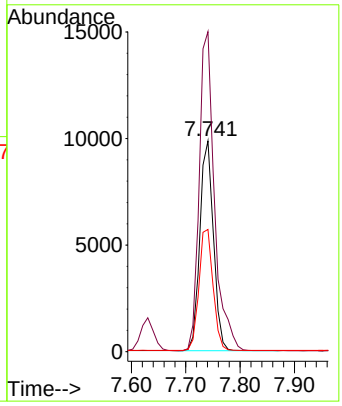




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.741 min Scan# 484
Delta R.T. 0.009 min
Lab File: BN015199.D
Acq: 29 Jun 2021 23:21

Tgt Ion:152 Resp: 17068

Ion	Ratio	Lower	Upper
152	100		
150	151.8	119.0	178.6
115	58.0	62.2	93.4#



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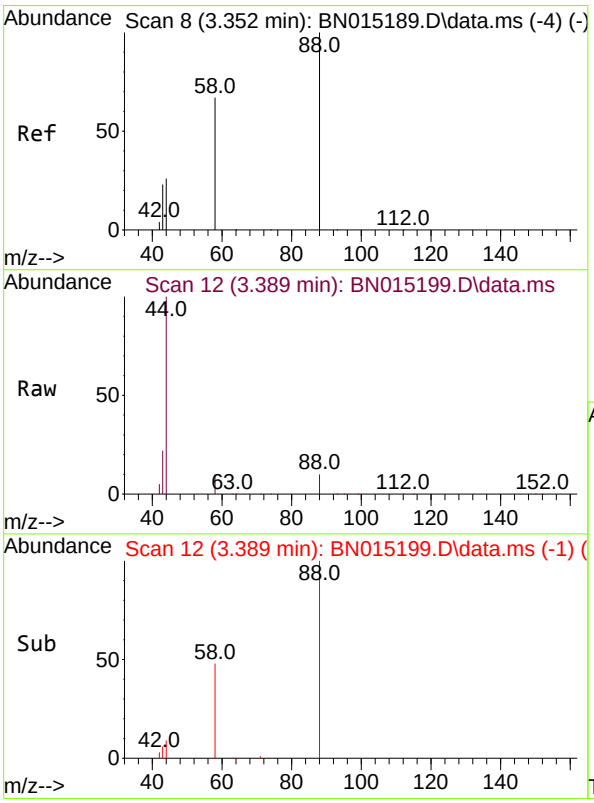
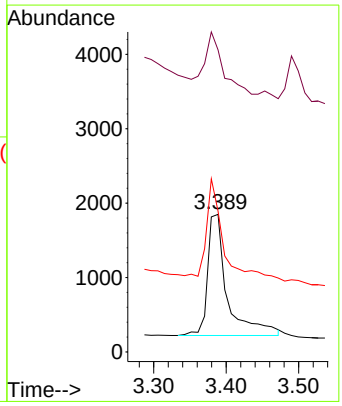
PB137316BS



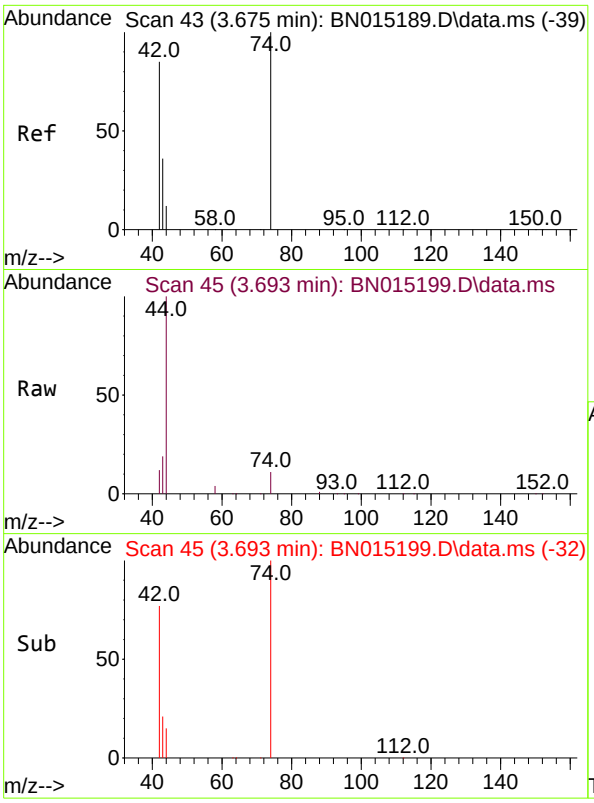
#2
1,4-Dioxane
Concen: 0.62 ng
RT: 3.389 min Scan# 12
Delta R.T. 0.037 min
Lab File: BN015199.D
Acq: 29 Jun 2021 23:21

Tgt Ion: 88 Resp: 3067

Ion	Ratio	Lower	Upper
88	100		
43	62.6	12.9	19.3#
58	65.2	38.1	57.1#



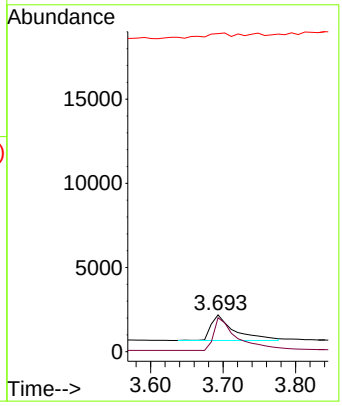
Instrument :
BNA_N
ClientSampleId :
PB137316BS

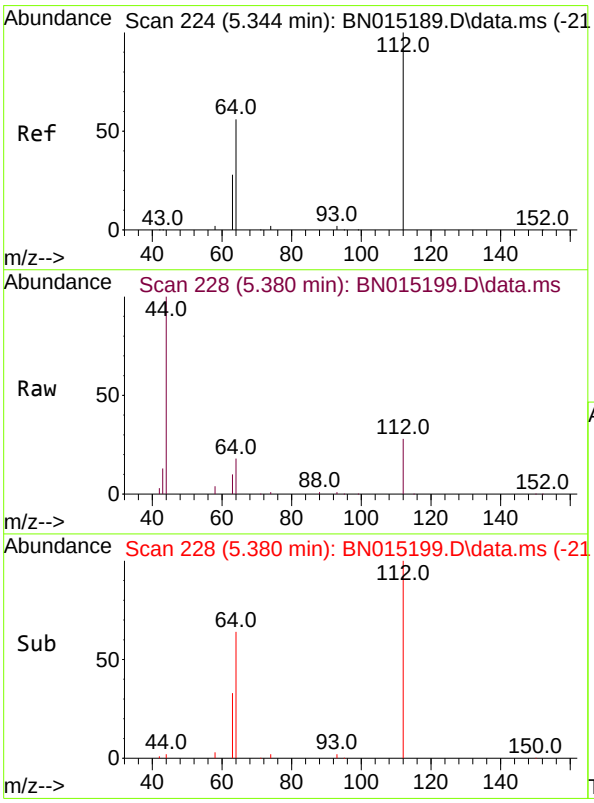


#3
n-Nitrosodimethylamine
Concen: 0.34 ng
RT: 3.693 min Scan# 45
Delta R.T. 0.018 min
Lab File: BN015199.D
Acq: 29 Jun 2021 23:21

Tgt Ion: 42 Resp: 3413

Ion	Ratio	Lower	Upper
42	100		
74	126.8	149.5	224.3#
44	20.4	4.2	6.2#

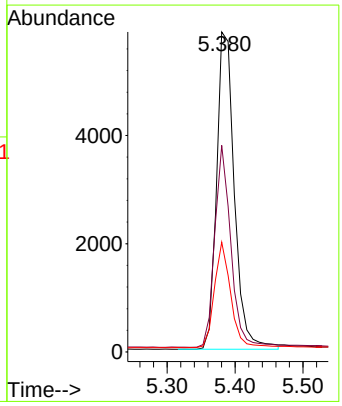




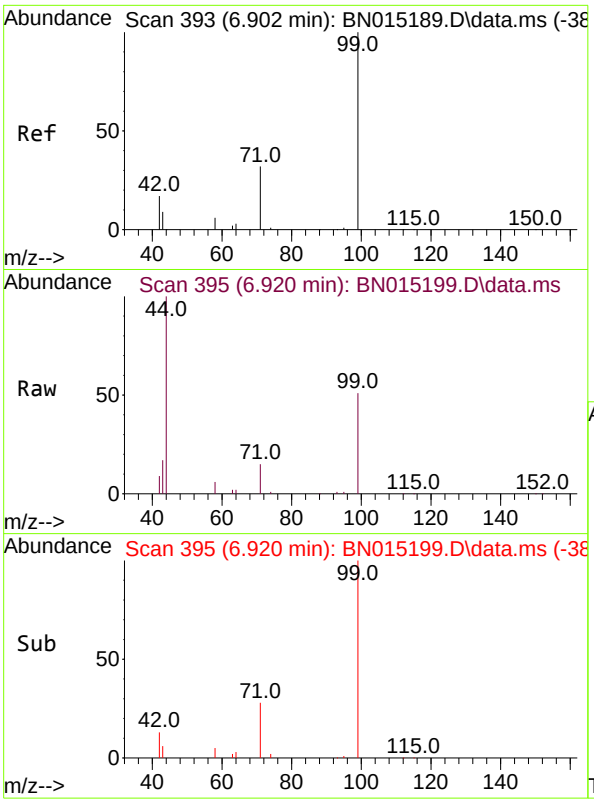
#4
2-Fluorophenol
Concen: 0.29 ng
RT: 5.380 min Scan# 228
Delta R.T. 0.037 min
Lab File: BN015199.D
Acq: 29 Jun 2021 23:21

Tgt Ion:112 Resp: 10650

Ion	Ratio	Lower	Upper
112	100		
64	57.9	39.0	58.6
63	30.7	20.6	30.8



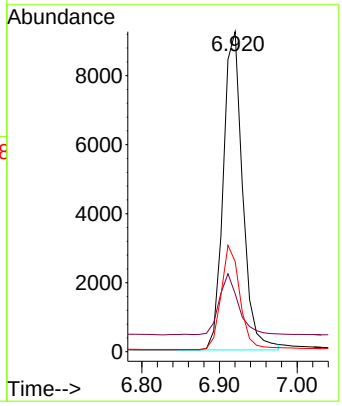
Instrument :
BNA_N
ClientSampleId :
PB137316BS

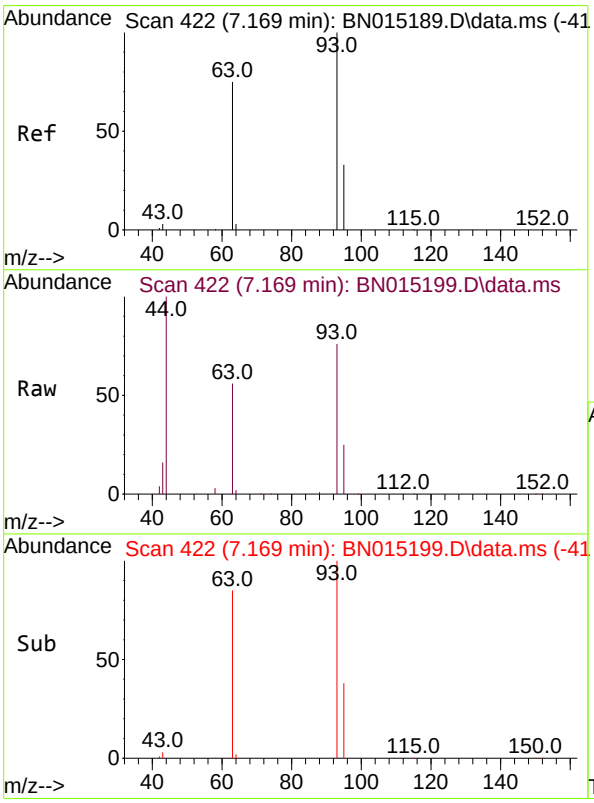


#5
Phenol-d6
Concen: 0.28 ng
RT: 6.920 min Scan# 395
Delta R.T. 0.018 min
Lab File: BN015199.D
Acq: 29 Jun 2021 23:21

Tgt Ion: 99 Resp: 15961

Ion	Ratio	Lower	Upper
99	100		
42	19.4	8.9	13.3#
71	32.0	35.6	53.4#

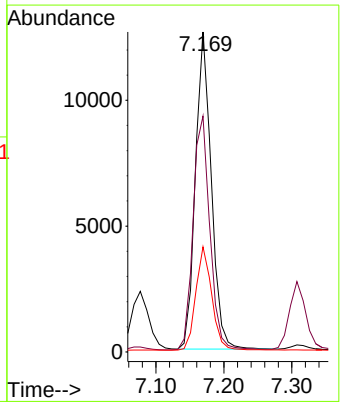




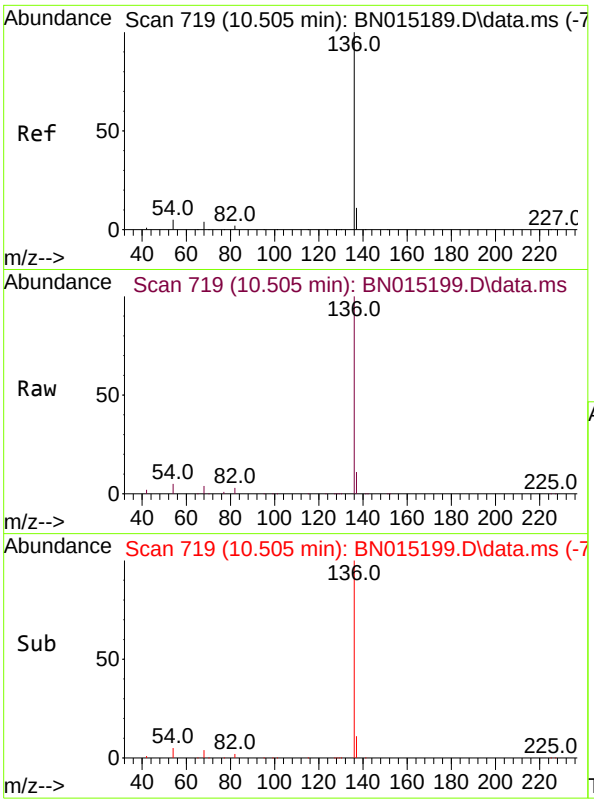
#6
bis(2-Chloroethyl)ether
Concen: 0.38 ng
RT: 7.169 min Scan# 422
Delta R.T. -0.000 min
Lab File: BN015199.D
Acq: 29 Jun 2021 23:21

Tgt Ion: 93 Resp: 20513

Ion	Ratio	Lower	Upper
93	100		
63	77.8	46.6	70.0#
95	33.0	28.6	42.8



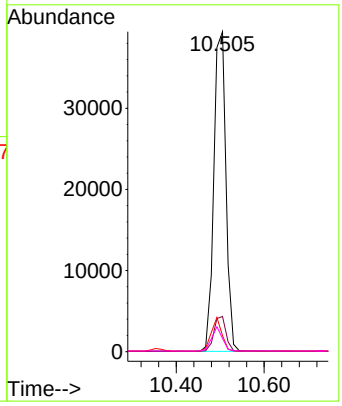
Instrument :
BNA_N
ClientSampleId :
PB137316BS

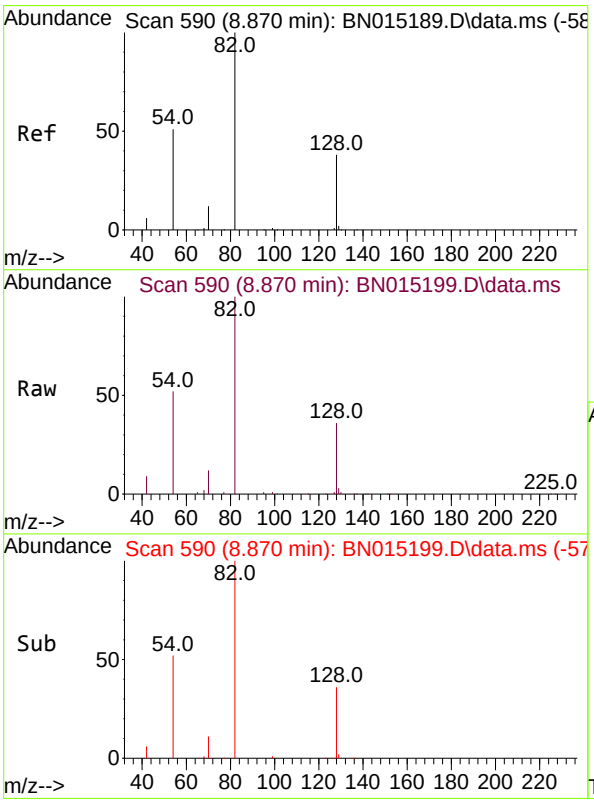


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.505 min Scan# 719
Delta R.T. -0.000 min
Lab File: BN015199.D
Acq: 29 Jun 2021 23:21

Tgt Ion:136 Resp: 75041

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.8	14.8
54	5.0	5.4	8.2#
68	4.1	4.9	7.3#

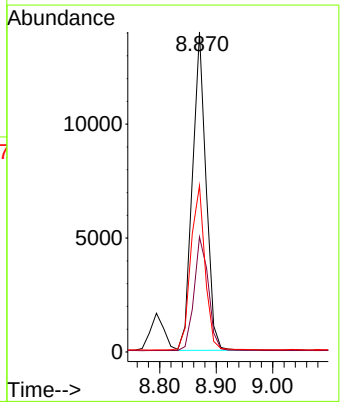




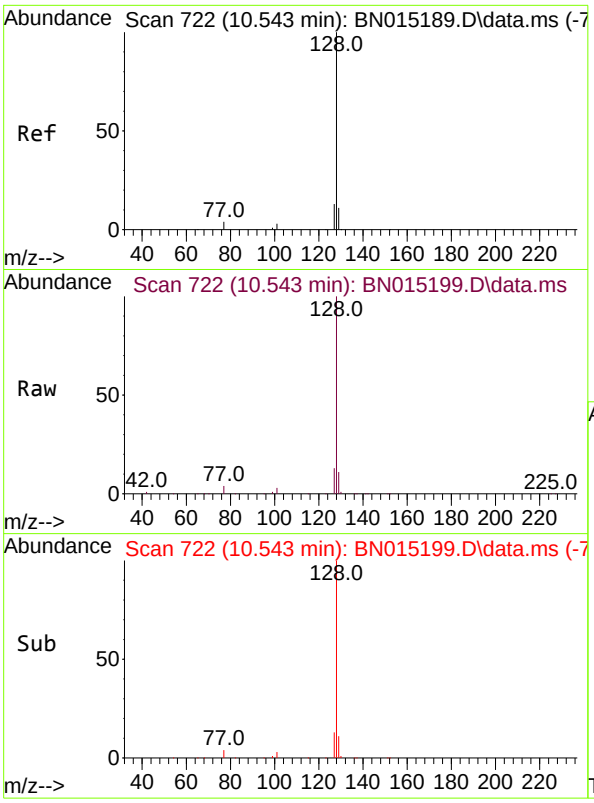
#8
Nitrobenzene-d5
Concen: 0.34 ng
RT: 8.870 min Scan# 590
Delta R.T. -0.000 min
Lab File: BN015199.D
Acq: 29 Jun 2021 23:21

Tgt Ion: 82 Resp: 23441

Ion	Ratio	Lower	Upper
82	100		
128	36.0	31.6	47.4
54	52.0	29.0	43.4#



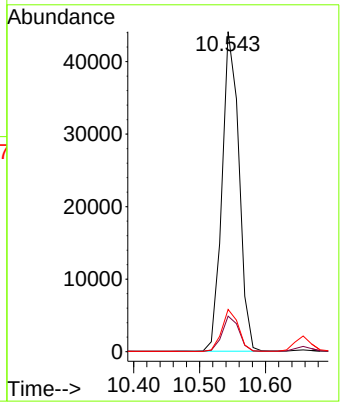
Instrument :
BNA_N
ClientSampleId :
PB137316BS

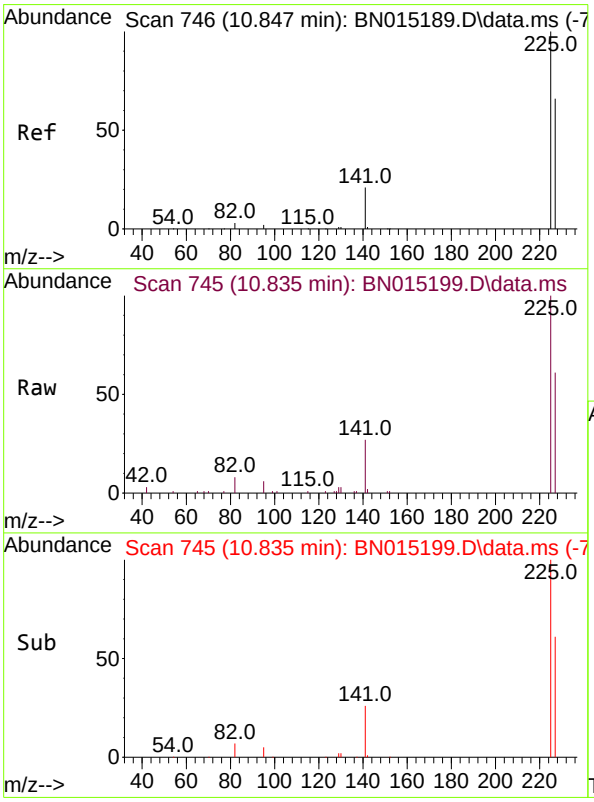


#9
Naphthalene
Concen: 0.36 ng
RT: 10.543 min Scan# 722
Delta R.T. -0.000 min
Lab File: BN015199.D
Acq: 29 Jun 2021 23:21

Tgt Ion:128 Resp: 78551

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.1	13.7
127	13.2	11.8	17.6

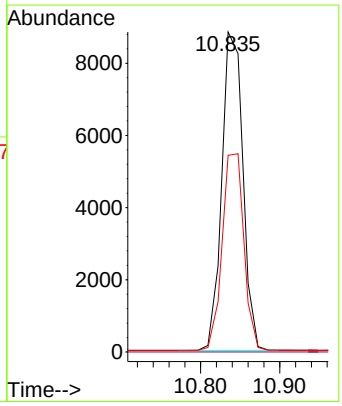




#10
Hexachlorobutadiene
Concen: 0.38 ng
RT: 10.835 min Scan# 745
Delta R.T. -0.013 min
Lab File: BN015199.D
Acq: 29 Jun 2021 23:21

Tgt Ion:225 Resp: 16346

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.6	50.2	75.2



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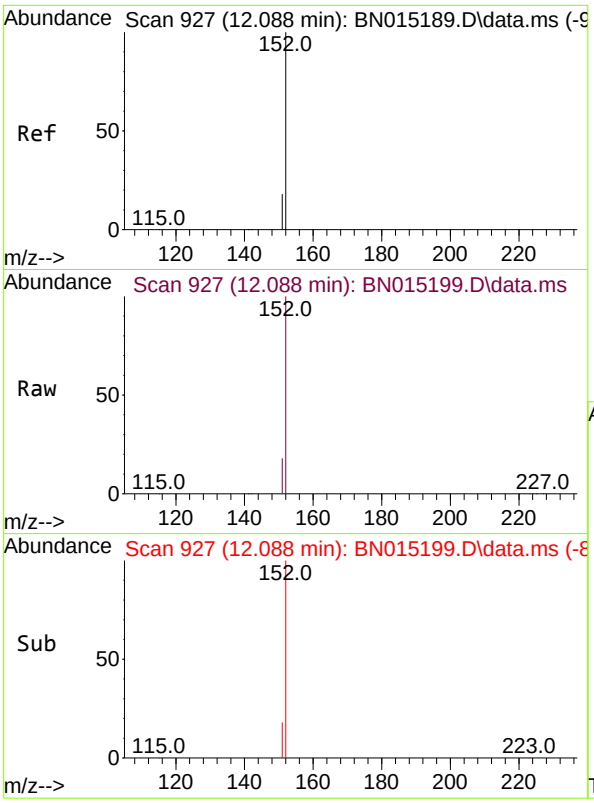
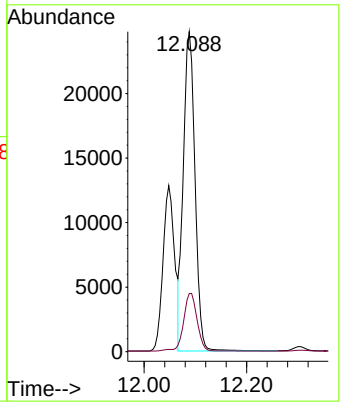
PB137316BS

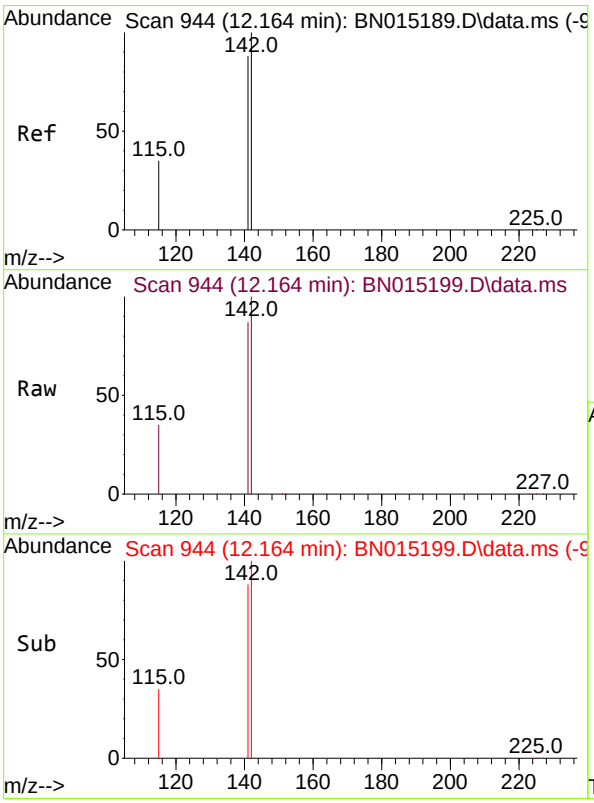


#11
2-Methylnaphthalene-d10
Concen: 0.32 ng
RT: 12.088 min Scan# 927
Delta R.T. -0.000 min
Lab File: BN015199.D
Acq: 29 Jun 2021 23:21

Tgt Ion:152 Resp: 39064

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.7	25.1

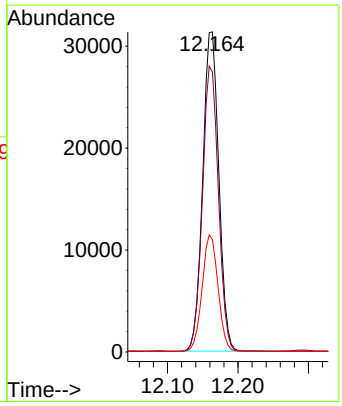


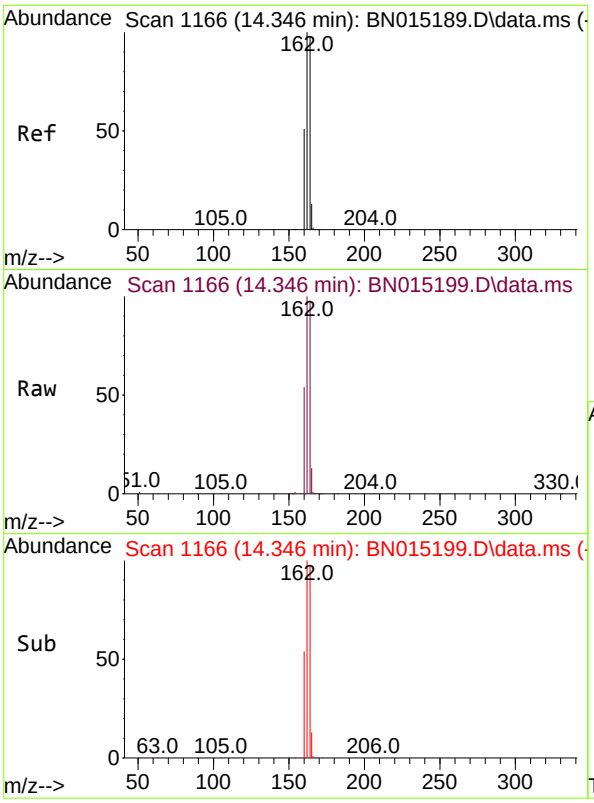


#12
2-Methylnaphthalene
Concen: 0.36 ng
RT: 12.164 min Scan# 944
Delta R.T. -0.000 min
Lab File: BN015199.D
Acq: 29 Jun 2021 23:21

Tgt Ion:142 Resp: 49784

Ion	Ratio	Lower	Upper
142	100		
141	87.5	72.3	108.5
115	35.1	40.7	61.1#

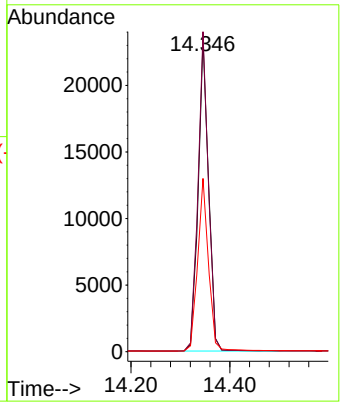




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.346 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BN015199.D
Acq: 29 Jun 2021 23:21

Tgt Ion:164 Resp: 34397

Ion	Ratio	Lower	Upper
164	100		
162	102.4	83.8	125.6
160	55.5	37.4	56.0



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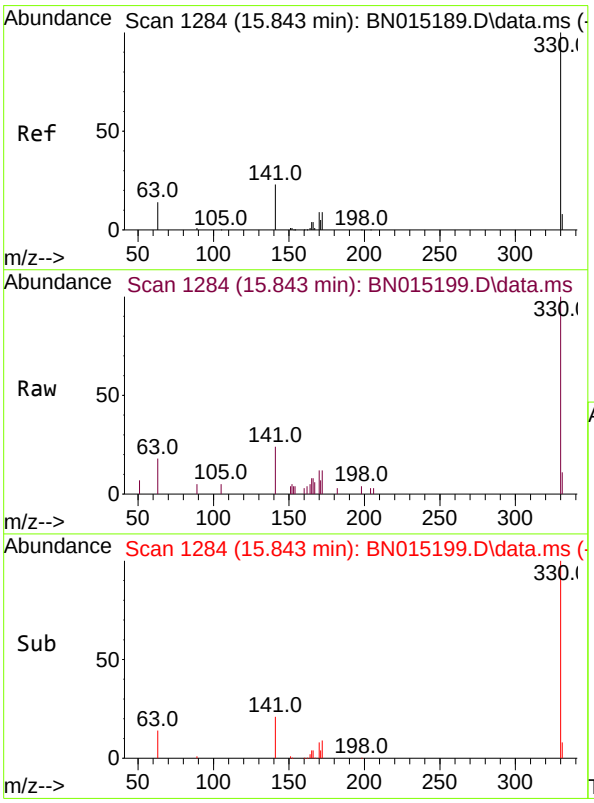
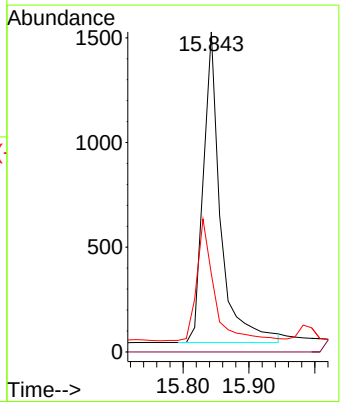


#14
2,4,6-Tribromophenol
Concen: 0.36 ng
RT: 15.843 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BN015199.D
Acq: 29 Jun 2021 23:21

Tgt Ion:330 Resp: 2706

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	39.2	22.4	33.6#



Instrument :
BNA_N
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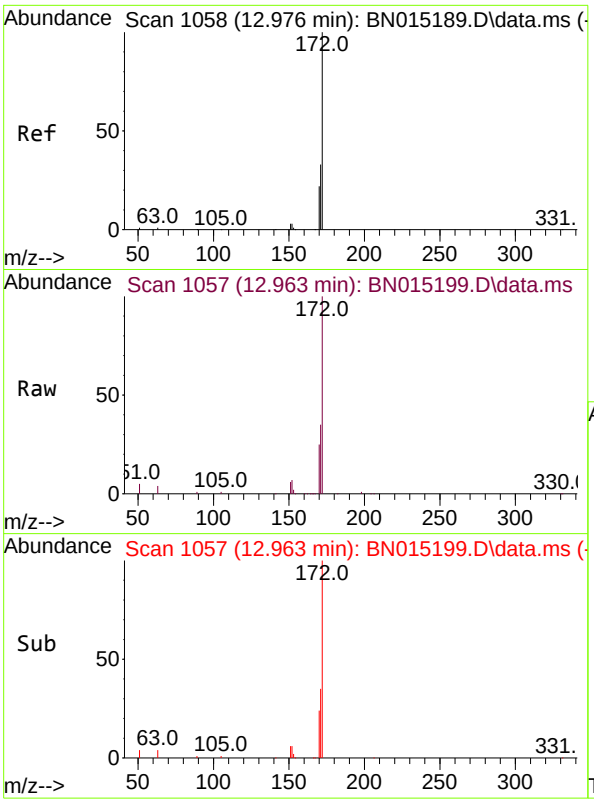
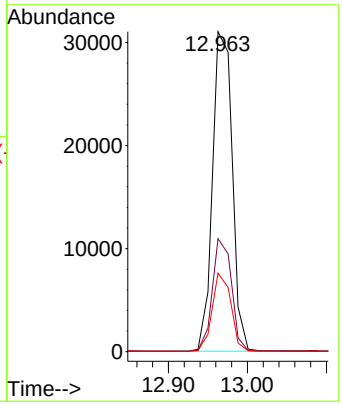
PB137316BS

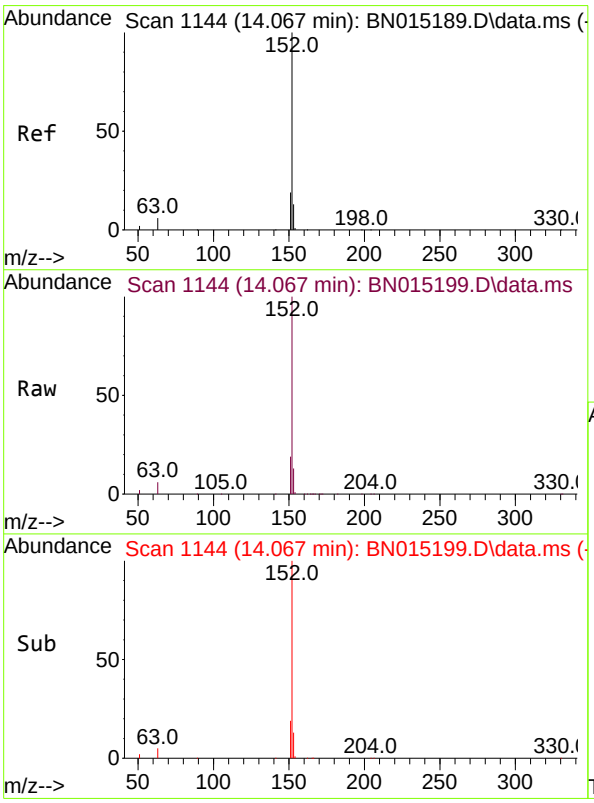


#15
2-Fluorobiphenyl
Concen: 0.37 ng
RT: 12.963 min Scan# 1057
Delta R.T. -0.013 min
Lab File: BN015199.D
Acq: 29 Jun 2021 23:21

Tgt Ion:172 Resp: 53728

Ion	Ratio	Lower	Upper
172	100		
171	35.3	30.6	45.8
170	24.6	20.2	30.4

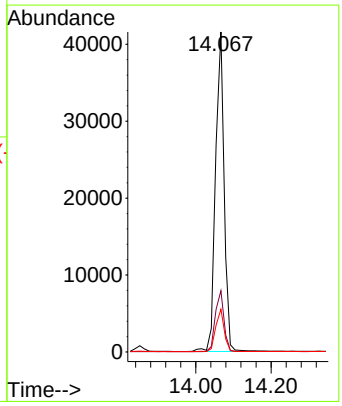




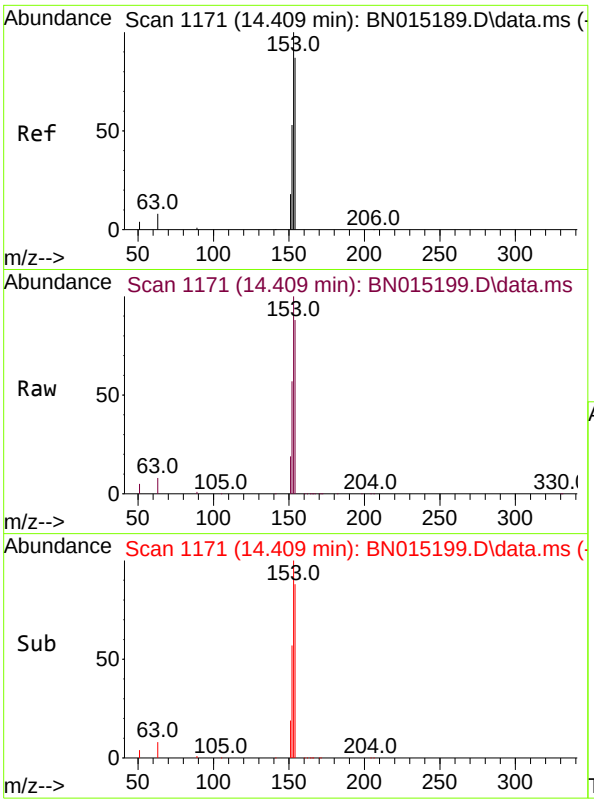
#16
Acenaphthylene
Concen: 0.37 ng
RT: 14.067 min Scan# 1144
Delta R.T. -0.000 min
Lab File: BN015199.D
Acq: 29 Jun 2021 23:21

Tgt Ion:152 Resp: 65750

Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.7	25.1
153	13.1	10.5	15.7



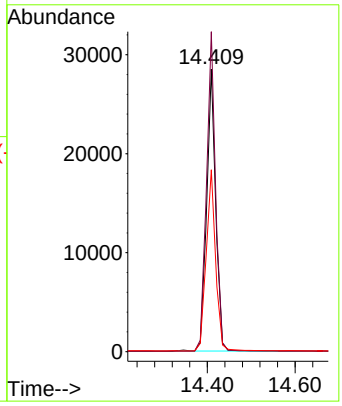
Instrument :
BNA_N
ClientSampleId :
PB137316BS

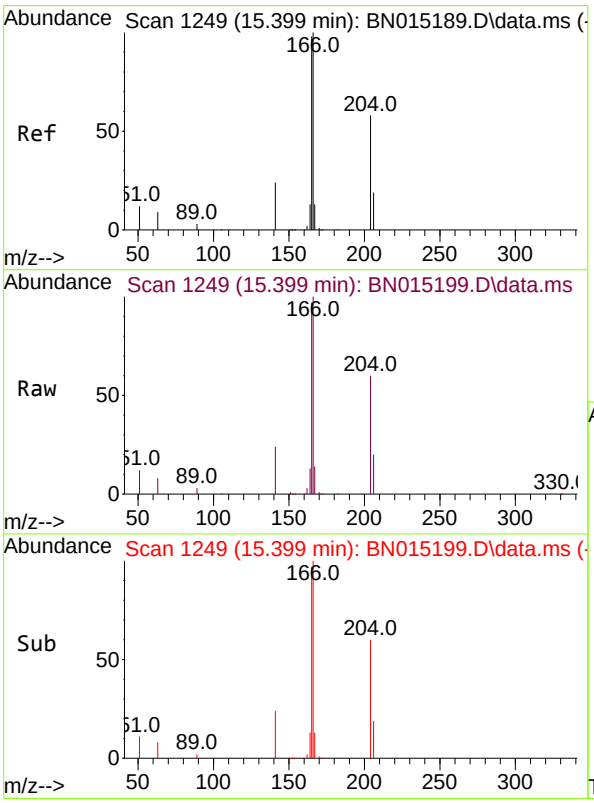


#17
Acenaphthene
Concen: 0.37 ng
RT: 14.409 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BN015199.D
Acq: 29 Jun 2021 23:21

Tgt Ion:154 Resp: 40693

Ion	Ratio	Lower	Upper
154	100		
153	113.8	90.9	136.3
152	66.8	45.8	68.8

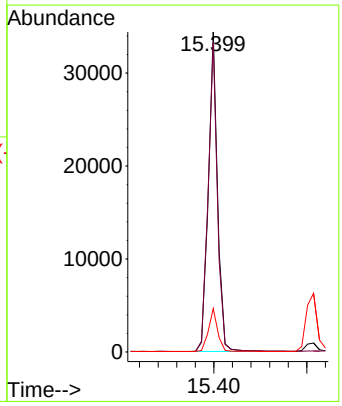




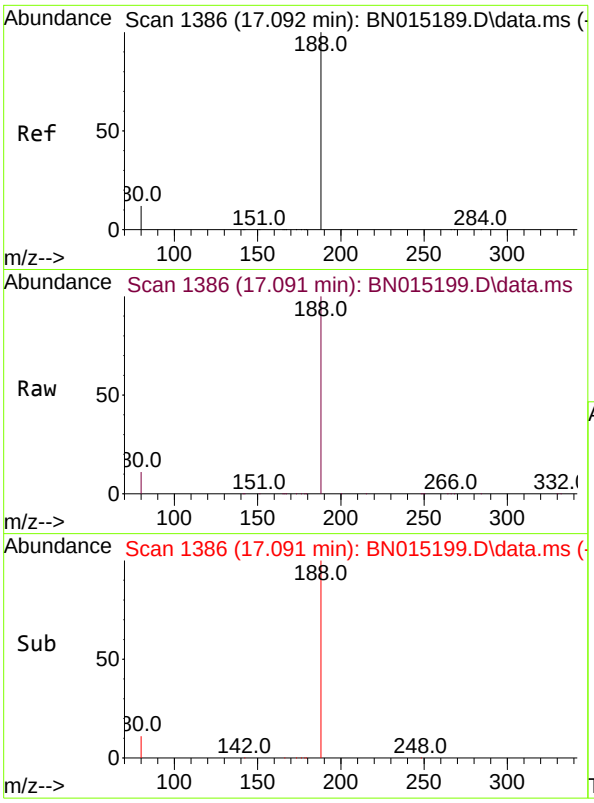
#18
Fluorene
Concen: 0.36 ng
RT: 15.399 min Scan# 1249
Delta R.T. -0.000 min
Lab File: BN015199.D
Acq: 29 Jun 2021 23:21

Tgt Ion:166 Resp: 47382

Ion	Ratio	Lower	Upper
166	100		
165	97.9	79.2	118.8
167	13.4	10.7	16.1



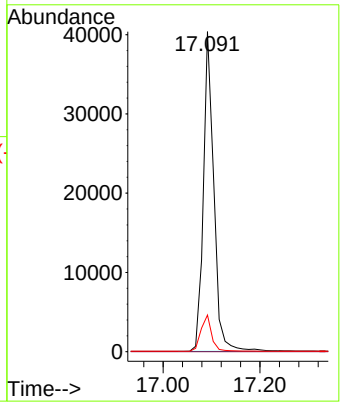
Instrument :
BNA_N
ClientSampleId :
PB137316BS

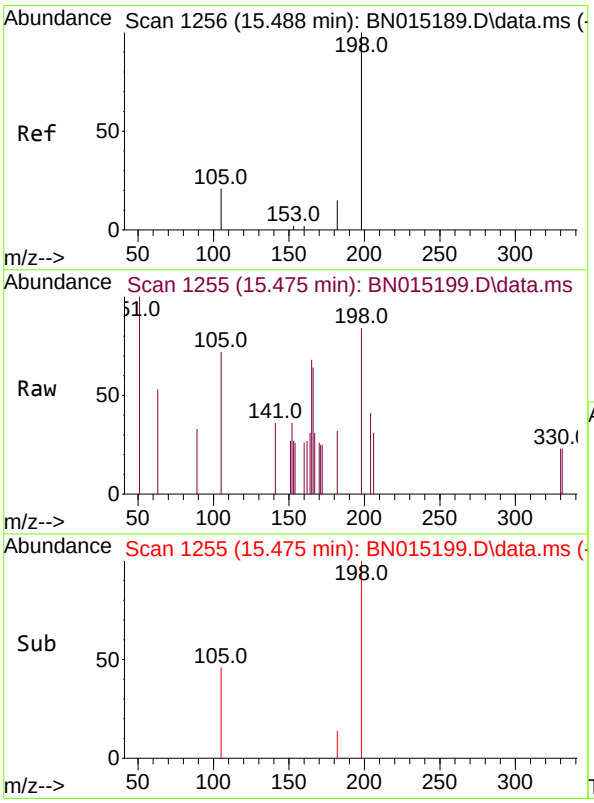


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.091 min Scan# 1386
Delta R.T. -0.001 min
Lab File: BN015199.D
Acq: 29 Jun 2021 23:21

Tgt Ion:188 Resp: 60702

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.4	9.0	13.4

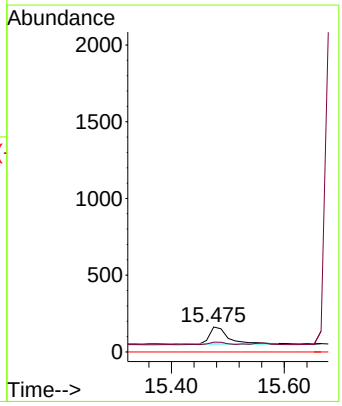


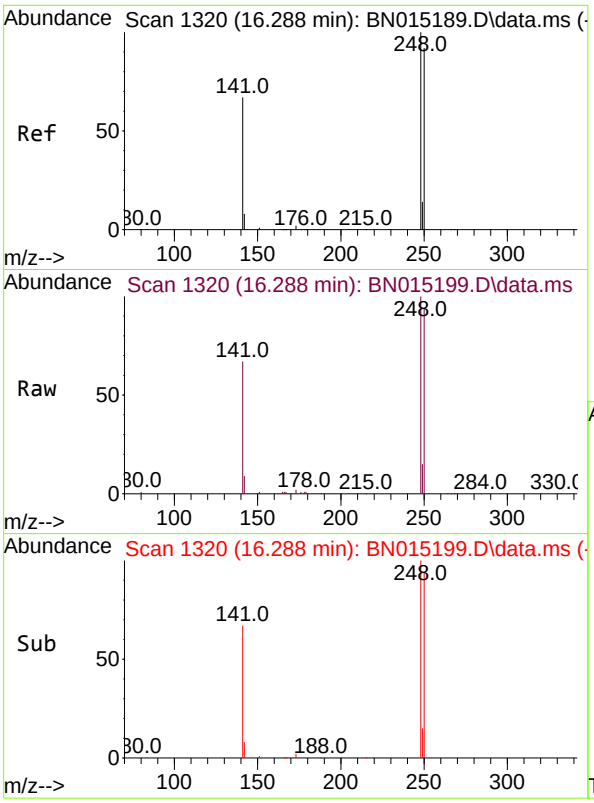


#20
4,6-Dinitro-2-methylphenol
Concen: 0.40 ng
RT: 15.475 min Scan# 1255
Delta R.T. -0.013 min
Lab File: BN015199.D
Acq: 29 Jun 2021 23:21

Tgt Ion:198 Resp: 250

Ion	Ratio	Lower	Upper
198	100		
182	38.9	34.5	51.7
77	0.0	0.0	0.0

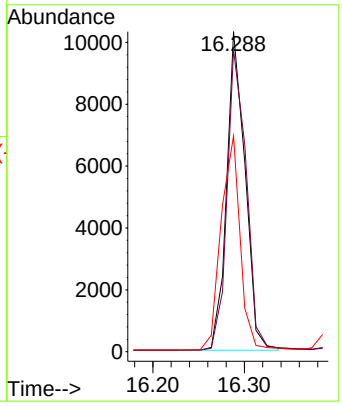




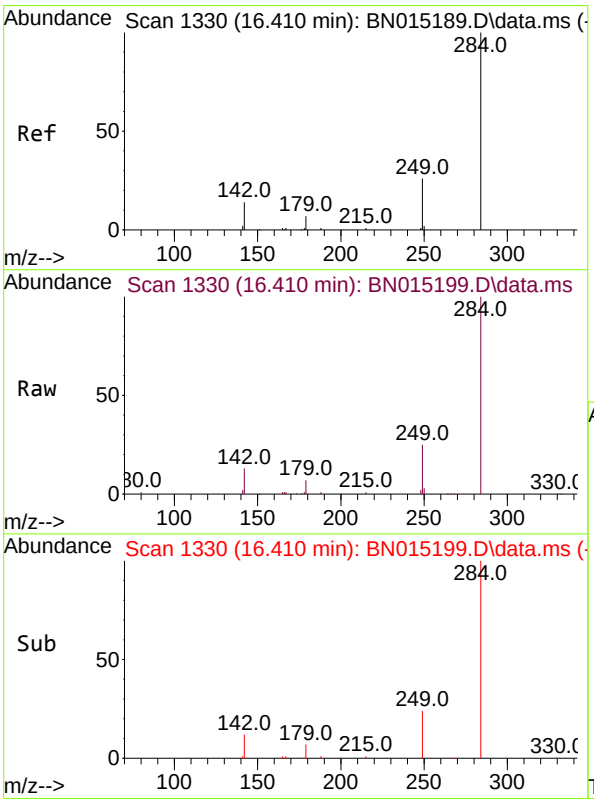
#21
4-Bromophenyl-phenylether
Concen: 0.34 ng
RT: 16.288 min Scan# 1320
Delta R.T. -0.000 min
Lab File: BN015199.D
Acq: 29 Jun 2021 23:21

Tgt Ion:248 Resp: 14410

Ion	Ratio	Lower	Upper
248	100		
250	94.4	86.2	129.4
141	67.4	36.2	54.2#



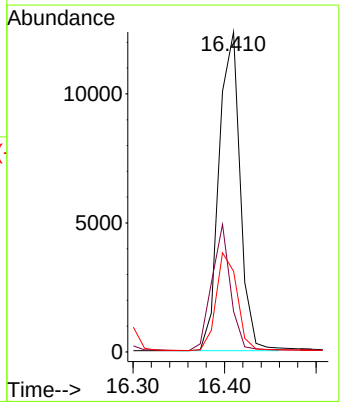
Instrument :
BNA_N
ClientSampleId :
PB137316BS



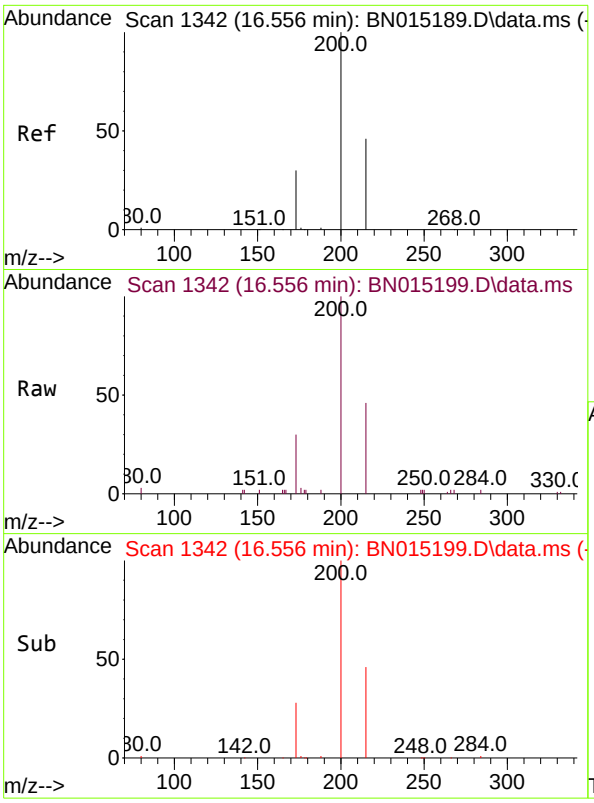
#22
Hexachlorobenzene
Concen: 0.40 ng
RT: 16.410 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BN015199.D
Acq: 29 Jun 2021 23:21

Tgt Ion:284 Resp: 19780

Ion	Ratio	Lower	Upper
284	100		
142	35.2	22.2	33.2#
249	30.5	26.6	39.8



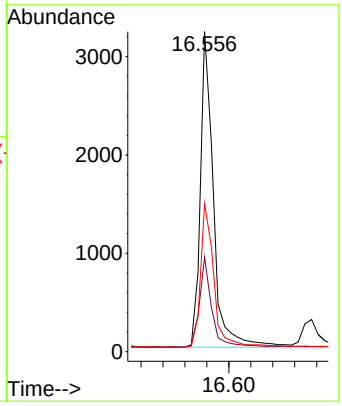
Instrument :
BNA_N
ClientSampleId :
PB137316BS

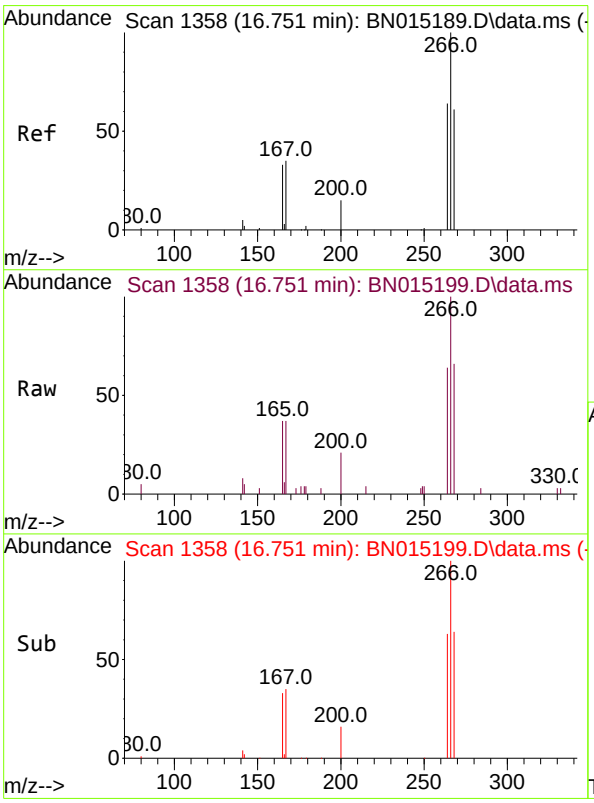


#23
Atrazine
Concen: 0.33 ng
RT: 16.556 min Scan# 1342
Delta R.T. -0.000 min
Lab File: BN015199.D
Acq: 29 Jun 2021 23:21

Tgt Ion:200 Resp: 5282

Ion	Ratio	Lower	Upper
200	100		
173	29.5	21.7	32.5
215	46.3	43.1	64.7

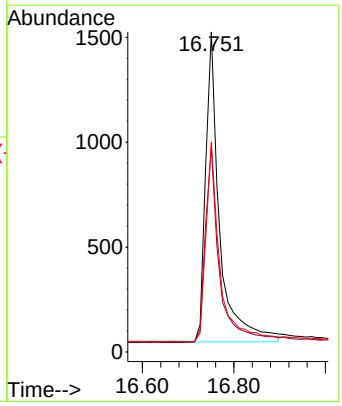


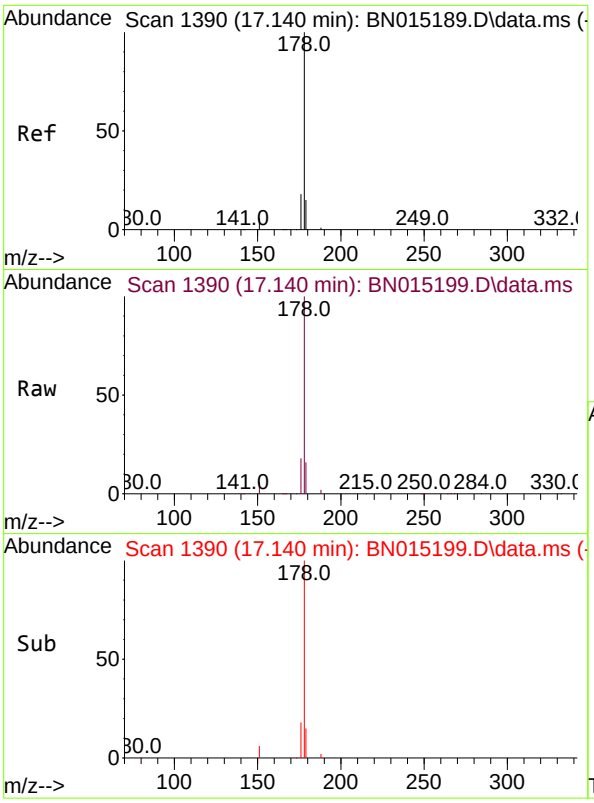


#24
Pentachlorophenol
Concen: 0.77 ng
RT: 16.751 min Scan# 1358
Delta R.T. -0.000 min
Lab File: BN015199.D
Acq: 29 Jun 2021 23:21

Tgt Ion:266 Resp: 3133

Ion	Ratio	Lower	Upper
266	100		
264	63.6	51.0	76.4
268	64.9	50.6	76.0

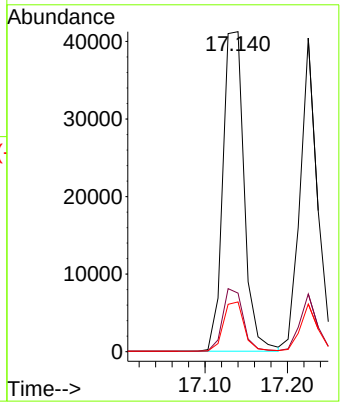




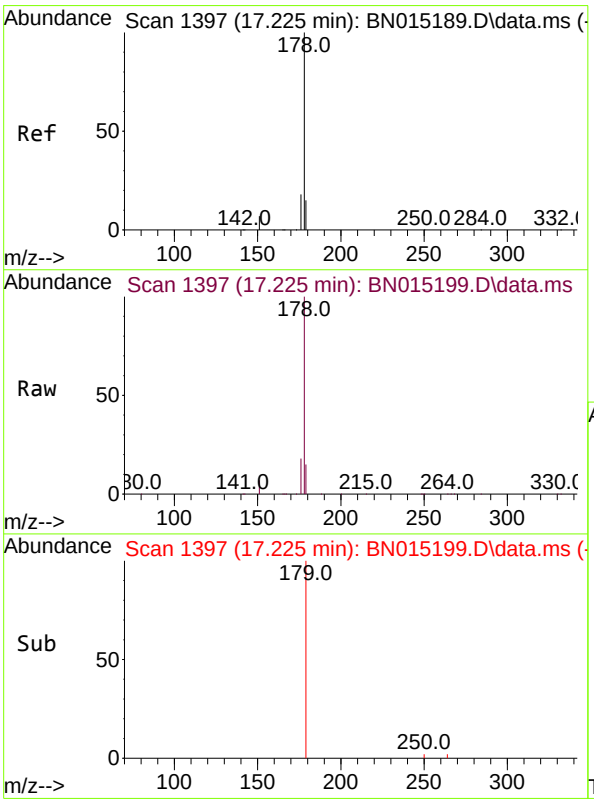
#25
Phenanthrene
Concen: 0.36 ng
RT: 17.140 min Scan# 1390
Delta R.T. -0.000 min
Lab File: BN015199.D
Acq: 29 Jun 2021 23:21

Tgt Ion:178 Resp: 74081

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.6	23.4
179	15.2	12.1	18.1



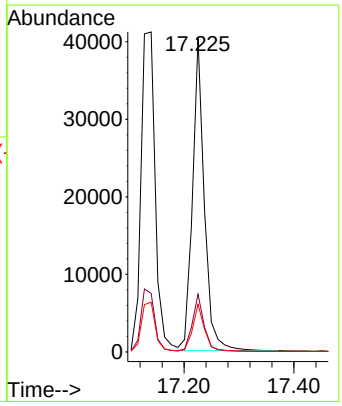
Instrument :
BNA_N
ClientSampleId :
PB137316BS



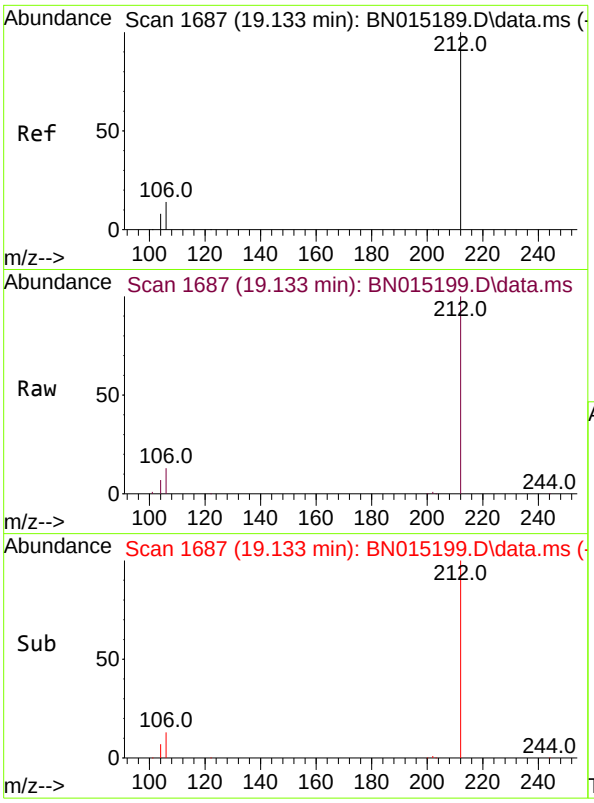
#26
Anthracene
Concen: 0.33 ng
RT: 17.225 min Scan# 1397
Delta R.T. -0.000 min
Lab File: BN015199.D
Acq: 29 Jun 2021 23:21

Tgt Ion:178 Resp: 60342

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.1	22.7
179	15.1	12.2	18.2



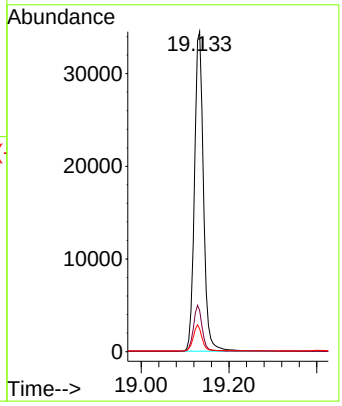
Instrument :
BNA_N
ClientSampleId :
PB137316BS

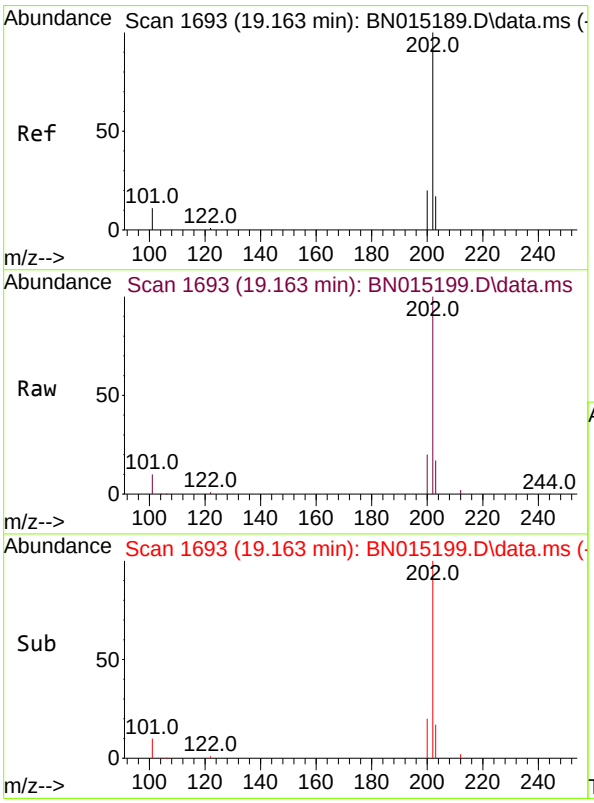


#27
Fluoranthene-d10
Concen: 0.27 ng
RT: 19.133 min Scan# 1687
Delta R.T. -0.000 min
Lab File: BN015199.D
Acq: 29 Jun 2021 23:21

Tgt Ion:212 Resp: 49042

Ion	Ratio	Lower	Upper
212	100		
106	14.0	7.0	10.6#
104	7.9	4.1	6.1#

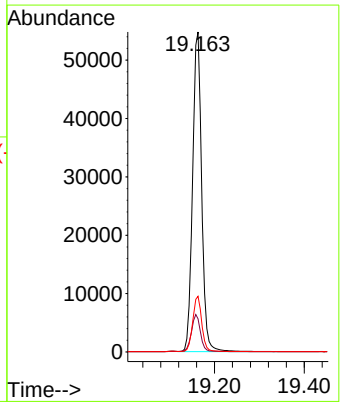




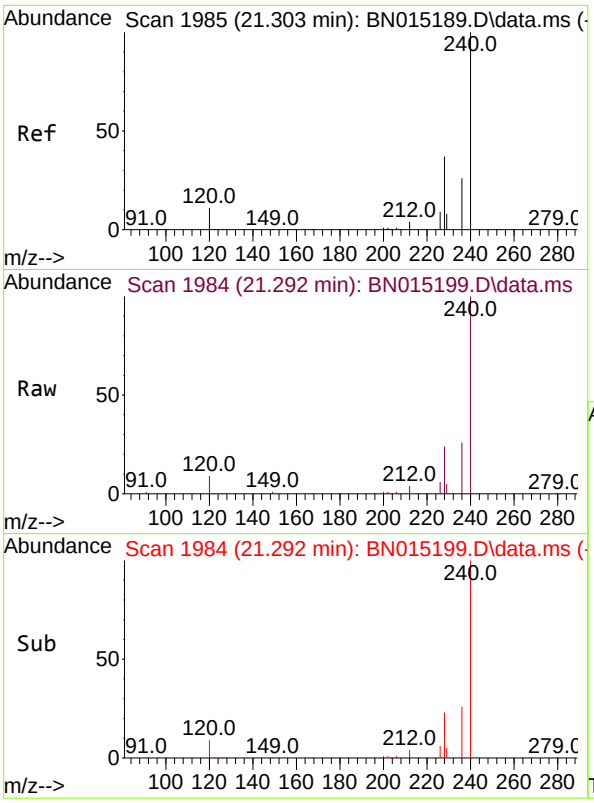
#28
Fluoranthene
Concen: 0.34 ng
RT: 19.163 min Scan# 1693
Delta R.T. -0.000 min
Lab File: BN015199.D
Acq: 29 Jun 2021 23:21

Tgt Ion:202 Resp: 76877

Ion	Ratio	Lower	Upper
202	100		
101	11.6	6.6	10.0#
203	17.2	13.9	20.9



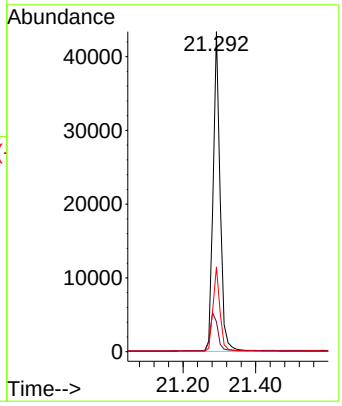
Instrument :
BNA_N
ClientSampleId :
PB137316BS

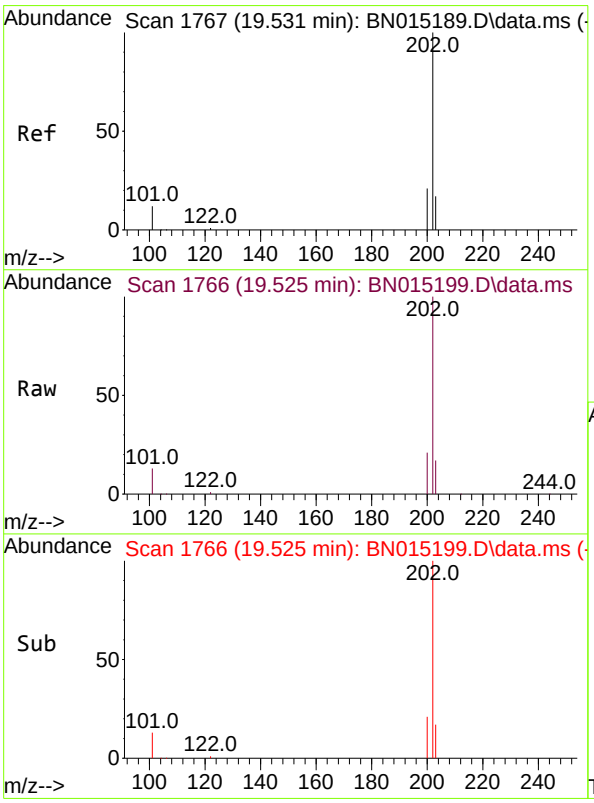


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.292 min Scan# 1984
Delta R.T. -0.011 min
Lab File: BN015199.D
Acq: 29 Jun 2021 23:21

Tgt Ion:240 Resp: 57797

Ion	Ratio	Lower	Upper
240	100		
120	9.3	4.2	6.4#
236	26.5	21.4	32.2

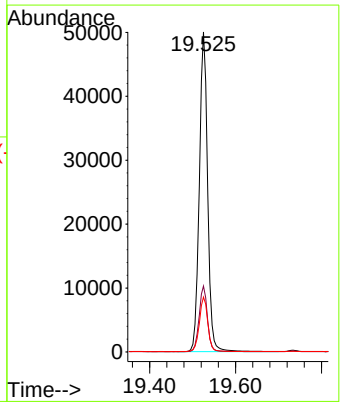




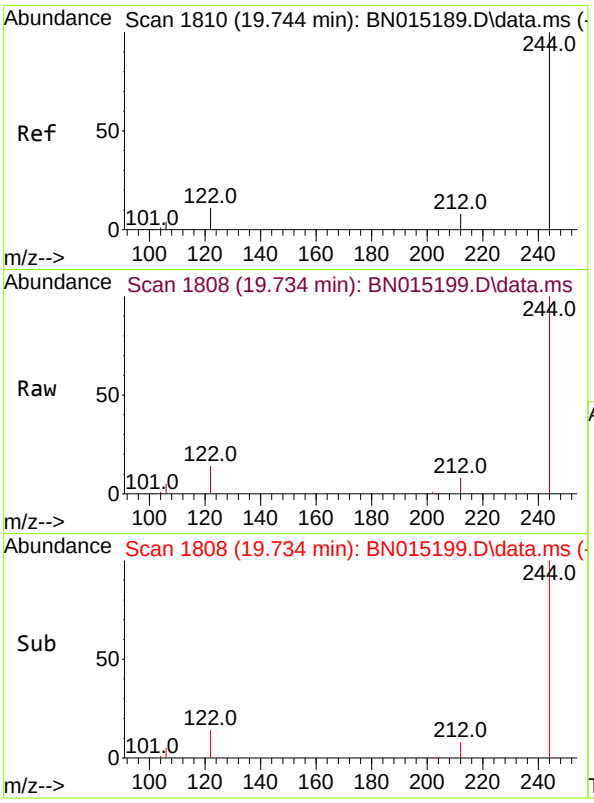
#30
Pyrene
Concen: 0.32 ng
RT: 19.525 min Scan# 1766
Delta R.T. -0.005 min
Lab File: BN015199.D
Acq: 29 Jun 2021 23:21

Tgt Ion:202 Resp: 66711

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.9	25.3
203	17.5	13.9	20.9



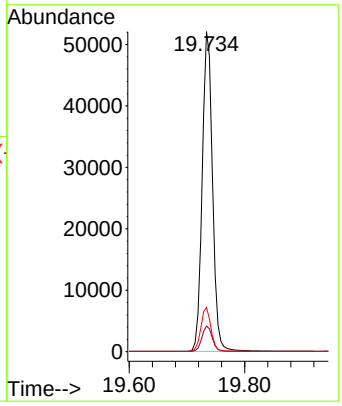
Instrument :
BNA_N
ClientSampleId :
PB137316BS

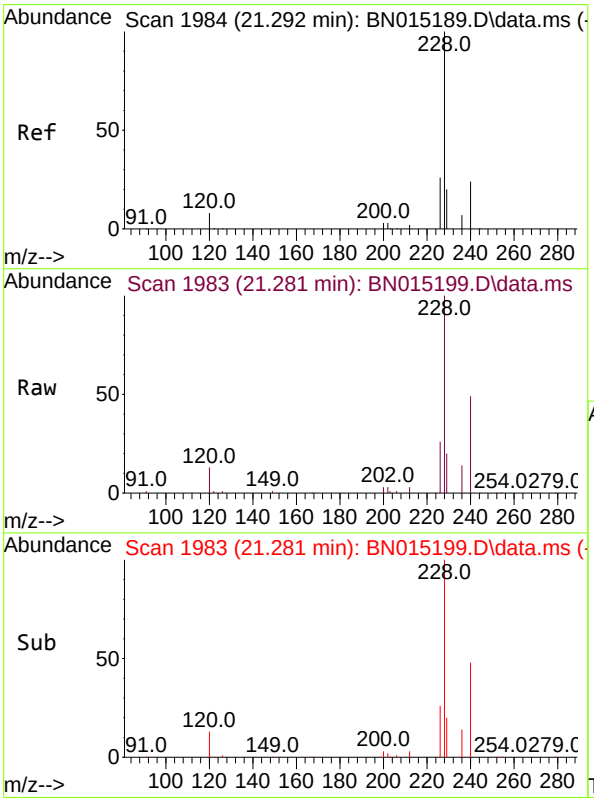


#31
Terphenyl-d14
Concen: 0.51 ng
RT: 19.734 min Scan# 1808
Delta R.T. -0.010 min
Lab File: BN015199.D
Acq: 29 Jun 2021 23:21

Tgt Ion:244 Resp: 64470

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.3	9.5
122	13.8	6.2	9.2#

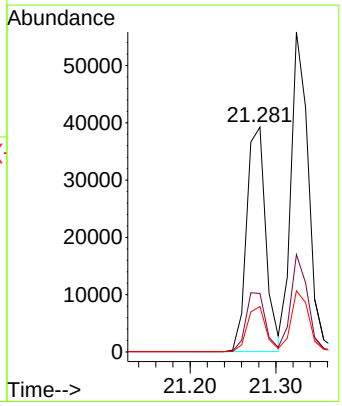




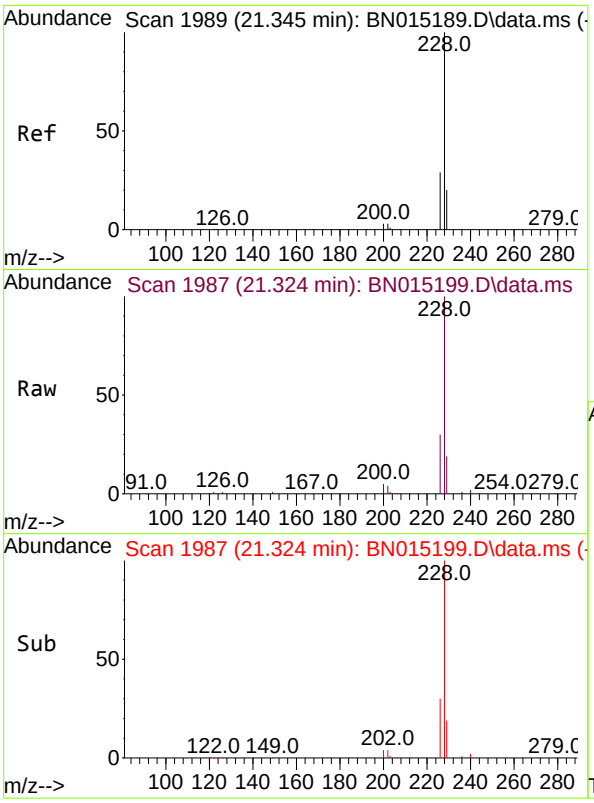
#32
Benzo(a)anthracene
Concen: 0.31 ng
RT: 21.281 min Scan# 1983
Delta R.T. -0.011 min
Lab File: BN015199.D
Acq: 29 Jun 2021 23:21

Tgt Ion:228 Resp: 60951

Ion	Ratio	Lower	Upper
228	100		
226	26.0	23.0	34.6
229	20.2	15.7	23.5



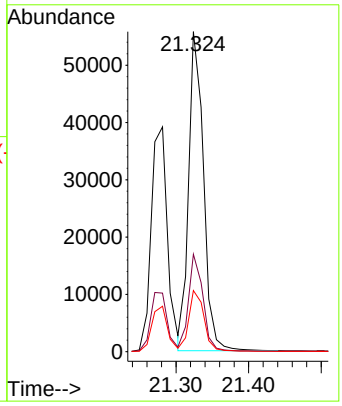
Instrument :
BNA_N
ClientSampleId :
PB137316BS

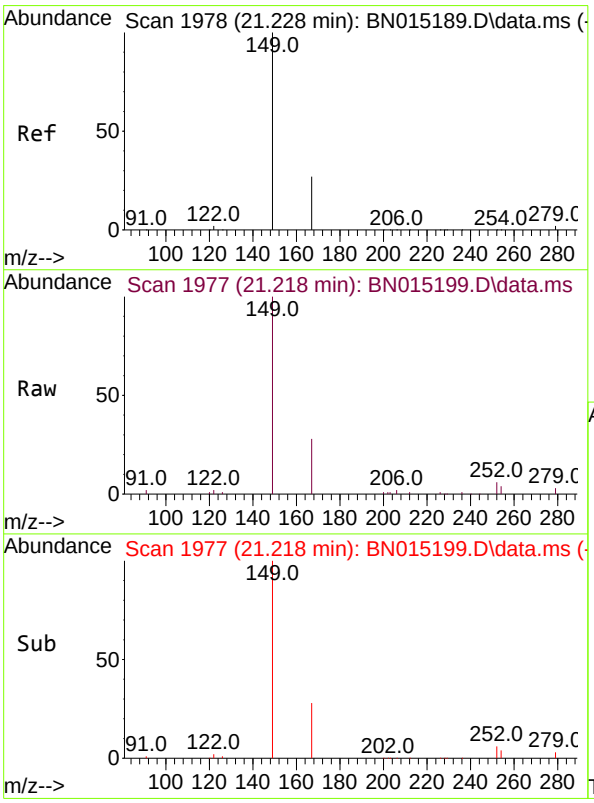


#33
Chrysene
Concen: 0.36 ng
RT: 21.324 min Scan# 1987
Delta R.T. -0.021 min
Lab File: BN015199.D
Acq: 29 Jun 2021 23:21

Tgt Ion:228 Resp: 78966

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	19.1	15.9	23.9

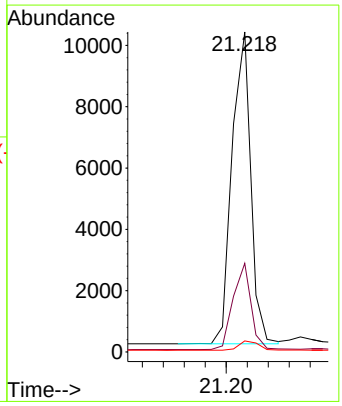




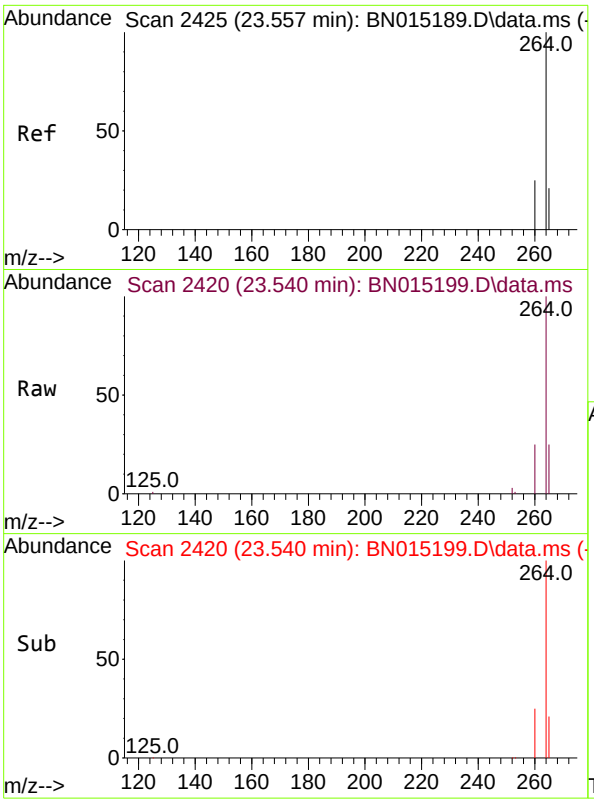
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.37 ng
RT: 21.218 min Scan# 1977
Delta R.T. -0.010 min
Lab File: BN015199.D
Acq: 29 Jun 2021 23:21

Tgt Ion:149 Resp: 12577

Ion	Ratio	Lower	Upper
149	100		
167	26.6	28.9	43.3#
279	3.1	4.9	7.3#



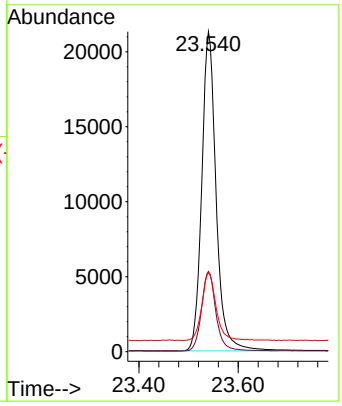
Instrument :
BNA_N
ClientSampleId :
PB137316BS

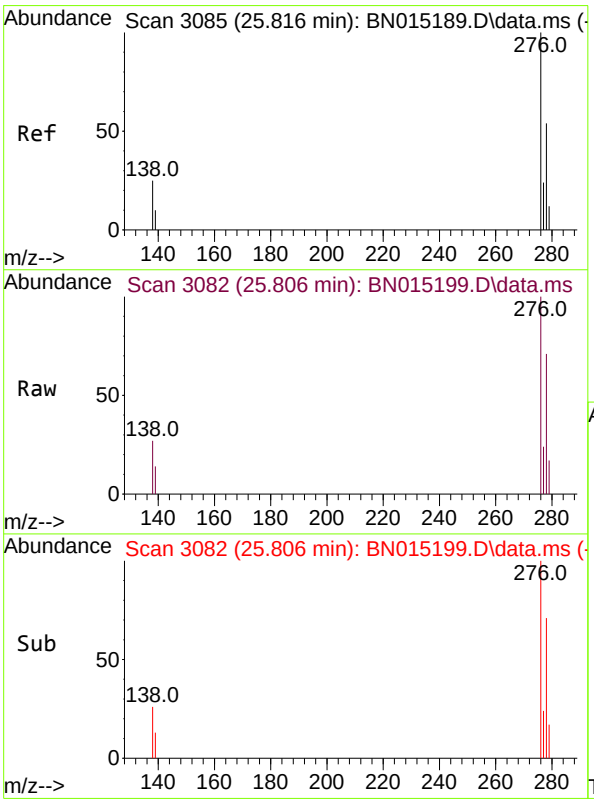


#35
Perylene-d12
Concen: 0.40 ng
RT: 23.540 min Scan# 2420
Delta R.T. -0.017 min
Lab File: BN015199.D
Acq: 29 Jun 2021 23:21

Tgt Ion:264 Resp: 42793

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.6	31.0
265	24.8	21.4	32.2

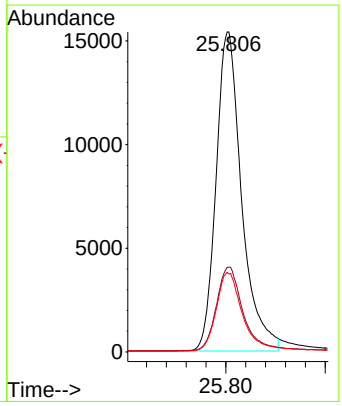




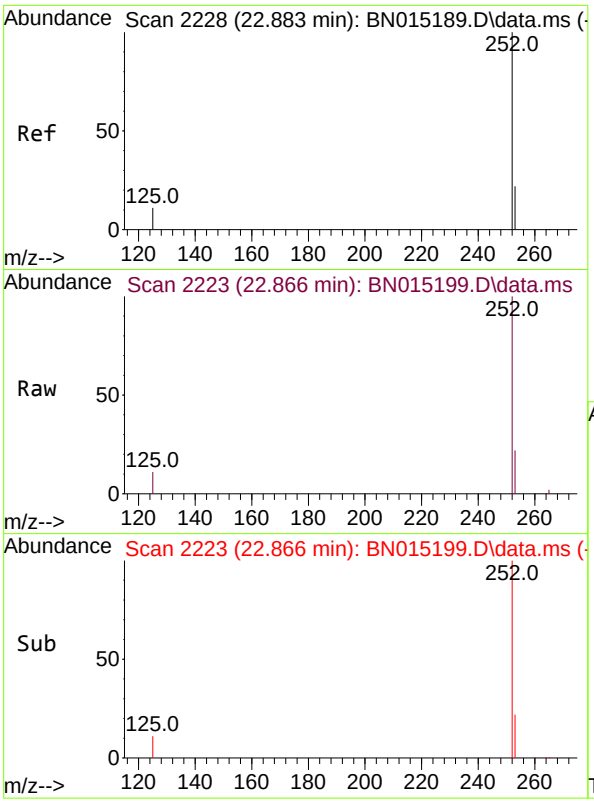
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.31 ng
RT: 25.806 min Scan# 3082
Delta R.T. -0.010 min
Lab File: BN015199.D
Acq: 29 Jun 2021 23:21

Tgt Ion:276 Resp: 55042

Ion	Ratio	Lower	Upper
276	100		
138	26.6	10.0	15.0#
277	24.8	20.4	30.6



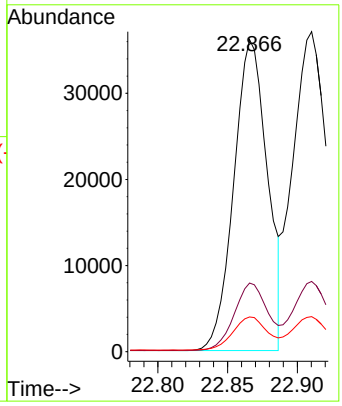
Instrument :
BNA_N
ClientSampleId :
PB137316BS

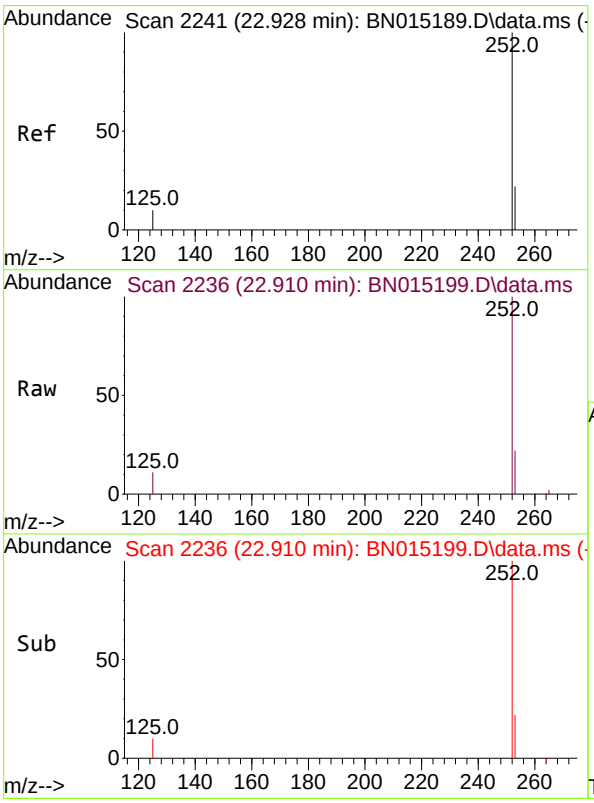


#37
Benzo(b)fluoranthene
Concen: 0.36 ng
RT: 22.866 min Scan# 2223
Delta R.T. -0.017 min
Lab File: BN015199.D
Acq: 29 Jun 2021 23:21

Tgt Ion:252 Resp: 60355

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.5	27.7
125	11.1	5.8	8.6#

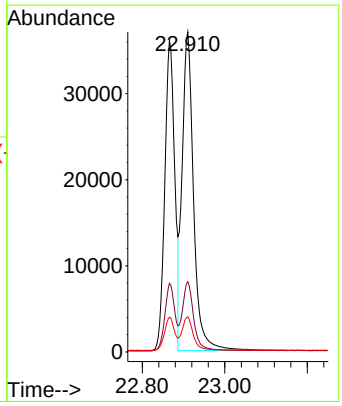




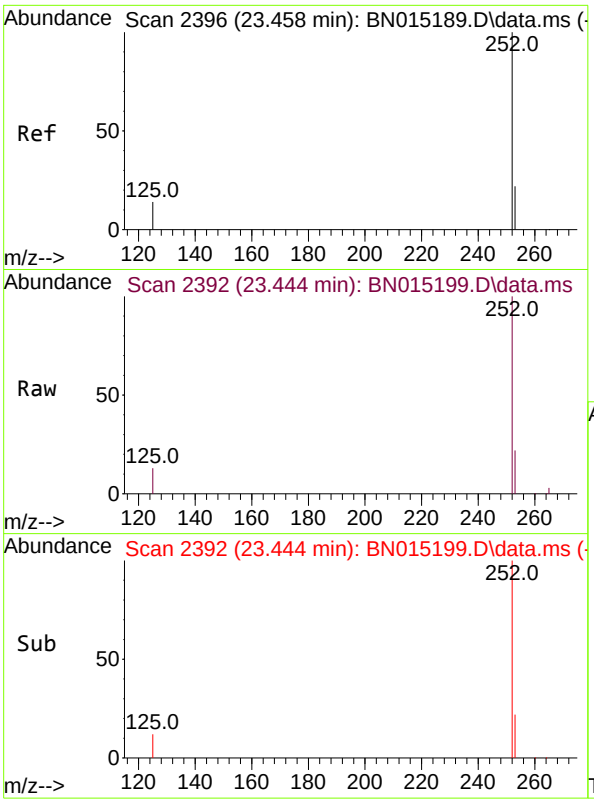
#38
Benzo(k)fluoranthene
Concen: 0.40 ng
RT: 22.910 min Scan# 2236
Delta R.T. -0.017 min
Lab File: BN015199.D
Acq: 29 Jun 2021 23:21

Tgt Ion:252 Resp: 71488

Ion	Ratio	Lower	Upper
252	100		
253	21.9	19.1	28.7
125	10.9	5.4	8.0#



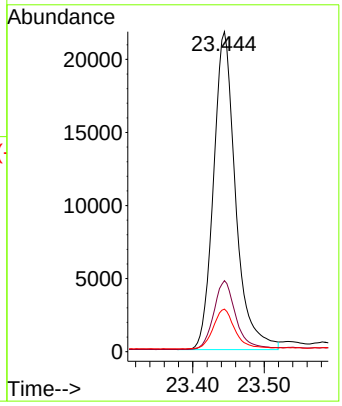
Instrument :
BNA_N
ClientSampleId :
PB137316BS

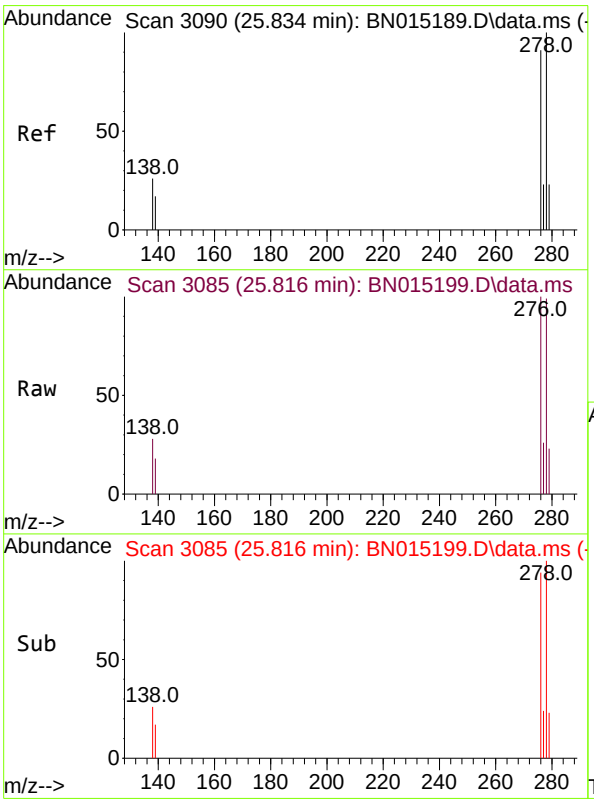


#39
Benzo(a)pyrene
Concen: 0.30 ng
RT: 23.444 min Scan# 2392
Delta R.T. -0.014 min
Lab File: BN015199.D
Acq: 29 Jun 2021 23:21

Tgt Ion:252 Resp: 46704

Ion	Ratio	Lower	Upper
252	100		
253	22.2	19.4	29.2
125	13.3	7.4	11.2#

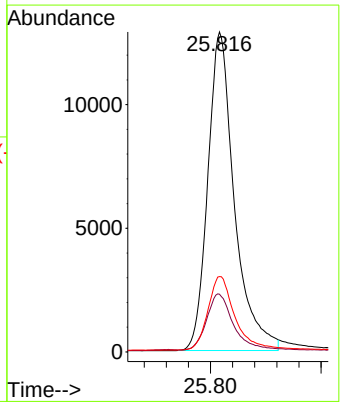


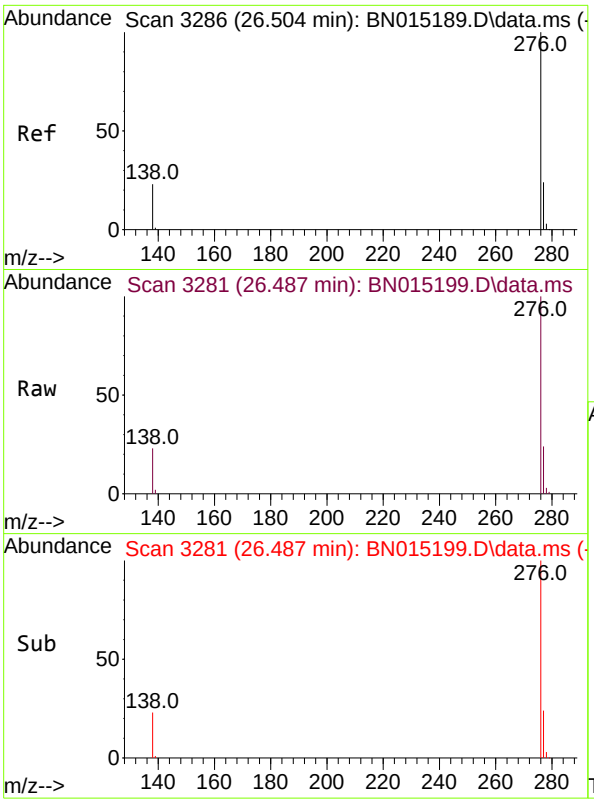


#40
Dibenzo(a,h)anthracene
Concen: 0.31 ng
RT: 25.816 min Scan# 3085
Delta R.T. -0.017 min
Lab File: BN015199.D
Acq: 29 Jun 2021 23:21

Tgt Ion:278 Resp: 43032

Ion	Ratio	Lower	Upper
278	100		
139	18.0	9.0	13.4#
279	23.5	21.0	31.4

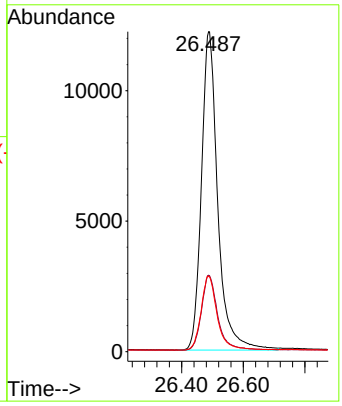




#41
Benzo(g,h,i)perylene
Concen: 0.31 ng
RT: 26.487 min Scan# 3281
Delta R.T. -0.017 min
Lab File: BN015199.D
Acq: 29 Jun 2021 23:21

Tgt Ion:276 Resp: 44785

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.7	29.5
138	23.5	9.8	14.6#



Instrument :
BNA_N
ClientSampleId :
PB137316BS