Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092121\
Data File : BN016377.D
Acq On : 21 Sep 2021 14:39
Operator : CG/JU
Sample : PB139215BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB139215BSD

Quant Time: Sep 21 15:10:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 21 13:21:55 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.679	152	19336	0.400	ng	0.00
7) Naphthalene-d8	10.445	136	81959	0.400	ng	0.00
13) Acenaphthene-d10	14.294	164	41751	0.400	ng	-0.01
19) Phenanthrene-d10	17.054	188	78241	0.400	ng	# 0.00
29) Chrysene-d12	21.259	240	78983	0.400	ng	# 0.00
35) Perylene-d12	23.519	264	72368	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.282	112	16428	0.339	ng	0.00
5) Phenol-d6	6.859	99	19608	0.333	ng	0.00
8) Nitrobenzene-d5	8.810	82	26034	0.535	ng	0.00
11) 2-Methylnaphthalene-d10	12.038	152	48368	0.375	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	3589	0.293	ng	0.00
15) 2-Fluorobiphenyl	12.924	172	68822	0.421	ng	0.00
27) Fluoranthene-d10	19.093	212	83024	0.367	ng	0.00
31) Terphenyl-d14	19.703	244	71324	0.390	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	3043	0.378	ng	# 77
3) n-Nitrosodimethylamine	3.631	42	6842	0.372	ng	# 75
6) bis(2-Chloroethyl)ether	7.117	93	21614	0.413	ng	93
9) Naphthalene	10.495	128	85635	0.388	ng	100
10) Hexachlorobutadiene	10.787	225	17980	0.428	ng	# 99
12) 2-Methylnaphthalene	12.109	142	55737	0.381	ng	98
16) Acenaphthylene	14.015	152	72308	0.372	ng	99
17) Acenaphthene	14.358	154	47308	0.393	ng	98
18) Fluorene	15.347	166	56742	0.380	ng	99
20) 4,6-Dinitro-2-methylph...	15.436	198	2682	0.754	ng	# 64
21) 4-Bromophenyl-phenylether	16.251	248	18247	0.399	ng	# 88
22) Hexachlorobenzene	16.360	284	19017	0.440	ng	# 91
23) Atrazine	16.531	200	10749	0.257	ng	98
24) Pentachlorophenol	16.701	266	4166	0.286	ng	99
25) Phenanthrene	17.091	178	90872	0.411	ng	99
26) Anthracene	17.188	178	76196	0.356	ng	99
28) Fluoranthene	19.122	202	102257	0.402	ng	99
30) Pyrene	19.485	202	98254	0.393	ng	99
32) Benzo(a)anthracene	21.238	228	94820	0.374	ng	99
33) Chrysene	21.291	228	102370	0.417	ng	99
34) Bis(2-ethylhexyl)phtha...	21.196	149	26452	0.193	ng	98
36) Indeno(1,2,3-cd)pyrene	25.815	276	103686	0.444	ng	98
37) Benzo(b)fluoranthene	22.837	252	98535	0.429	ng	99
38) Benzo(k)fluoranthene	22.882	252	96065	0.434	ng	99
39) Benzo(a)pyrene	23.419	252	79720	0.384	ng	97
40) Dibenzo(a,h)anthracene	25.836	278	89454	0.451	ng	95
41) Benzo(g,h,i)perylene	26.514	276	89448	0.453	ng	95

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

Quantitation Report (QT Reviewed)

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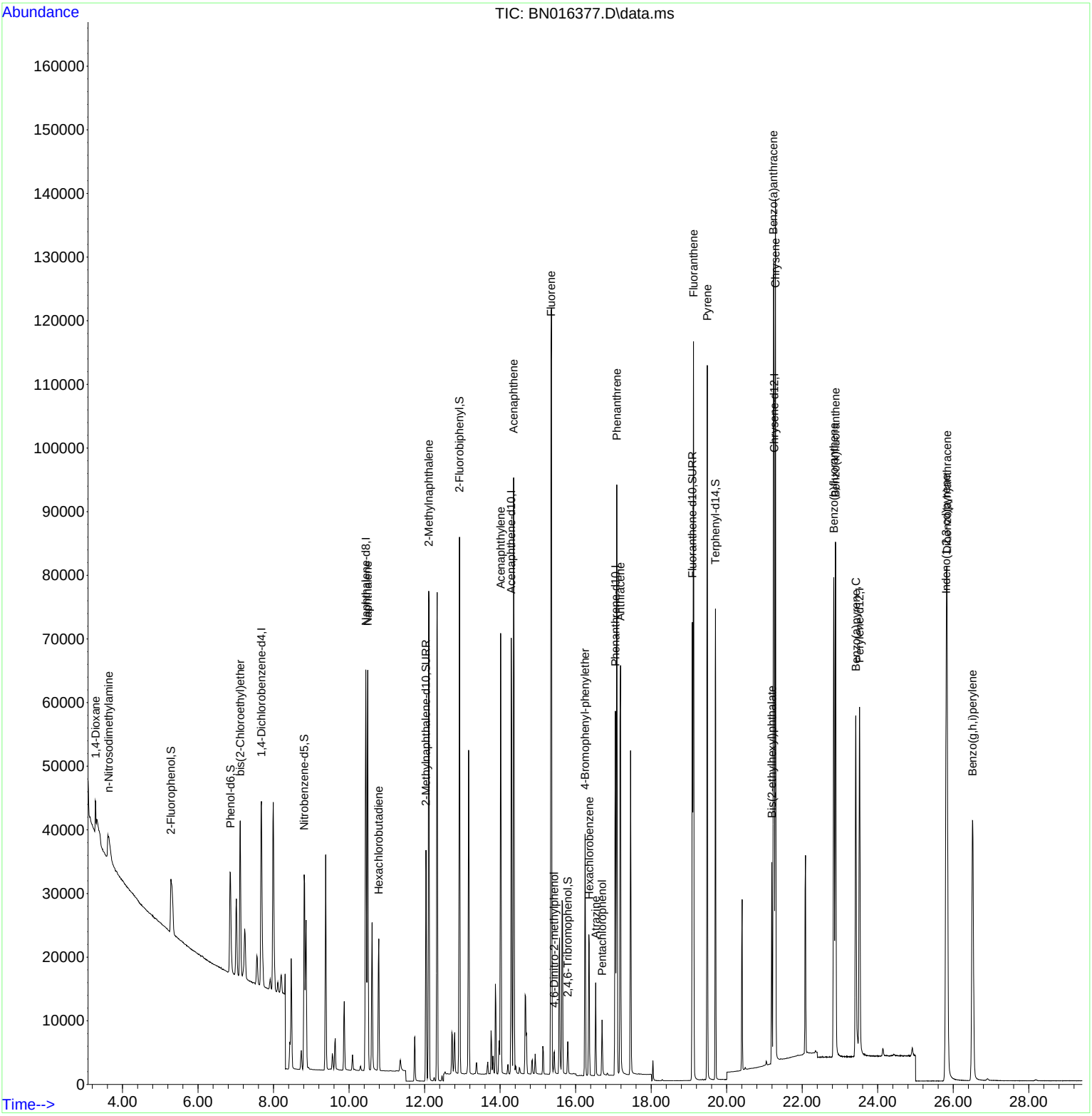
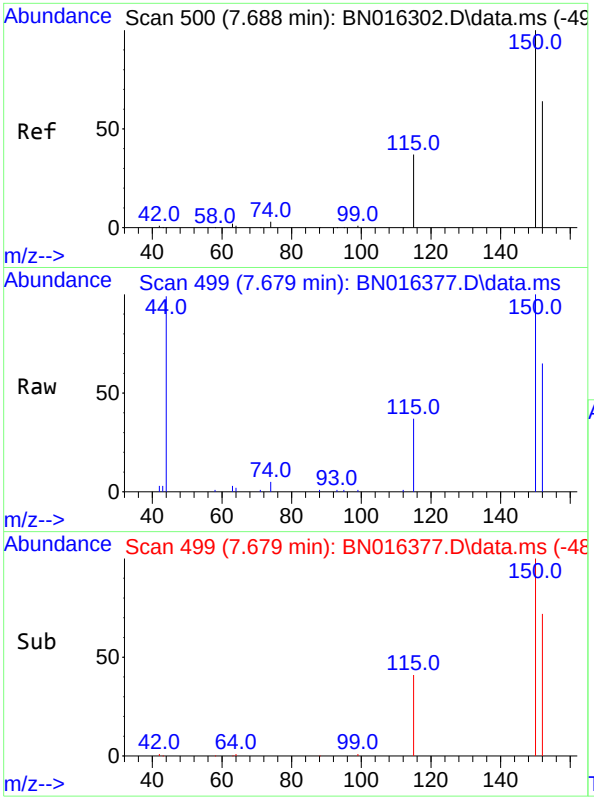
Data File : BN016377.D
Acq On : 21 Sep 2021 14:39
Operator : CG/JU
Sample : PB139215BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB139215BSD

Quant Time: Sep 21 15:10:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 21 13:21:55 2021
Response via : Initial Calibration



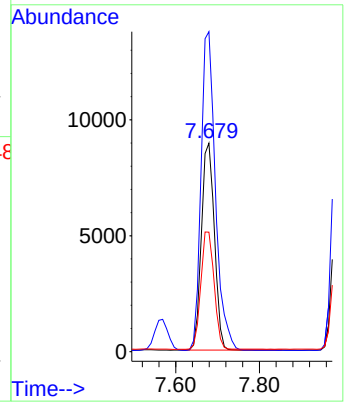
Instrument :
BNA_N
ClientSampleId :
PB139215BSD

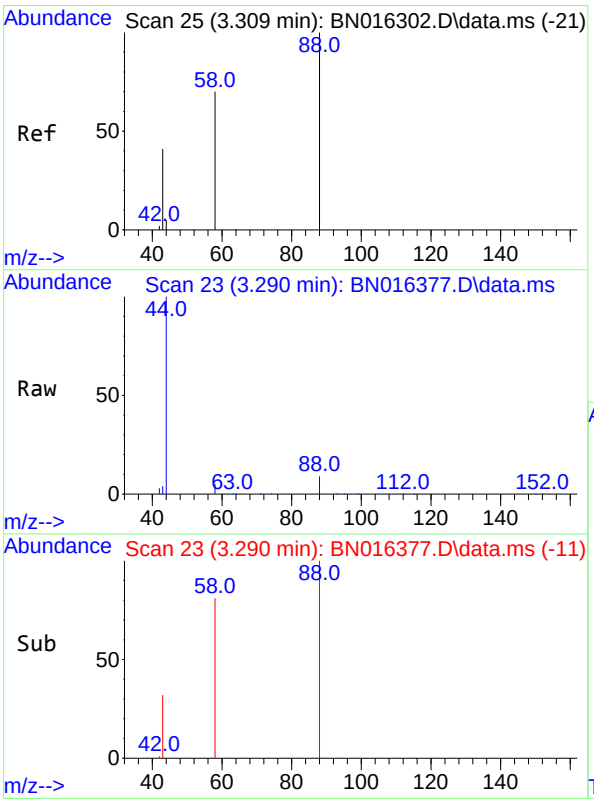


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.679 min Scan# 499
Delta R.T. 0.009 min
Lab File: BN016377.D
Acq: 21 Sep 2021 14:39

Tgt Ion:152 Resp: 19336

Ion	Ratio	Lower	Upper
152	100		
150	153.5	125.6	188.4
115	57.3	50.2	75.2

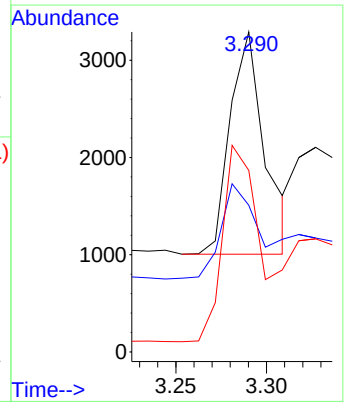




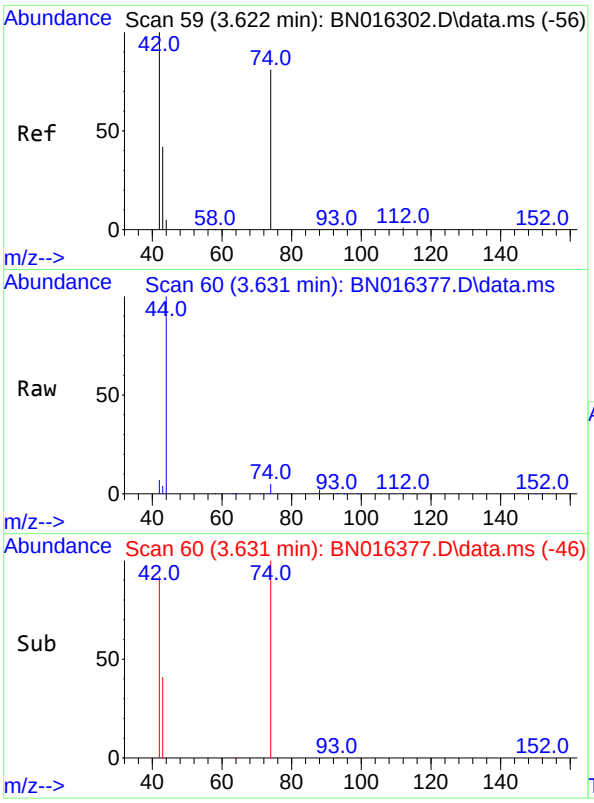
#2
1,4-Dioxane
Concen: 0.378 ng
RT: 3.290 min Scan# 23
Delta R.T. 0.010 min
Lab File: BN016377.D
Acq: 21 Sep 2021 14:39

Tgt Ion: 88 Resp: 3043

Ion	Ratio	Lower	Upper
88	100		
43	50.4	20.3	30.5#
58	101.2	69.9	104.9



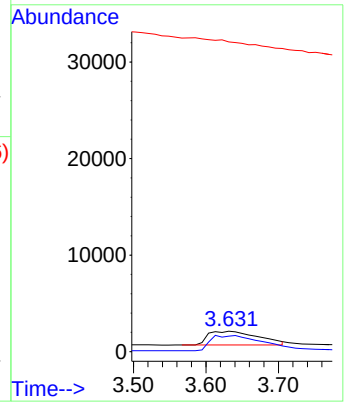
Instrument :
BNA_N
ClientSampleId :
PB139215BSD

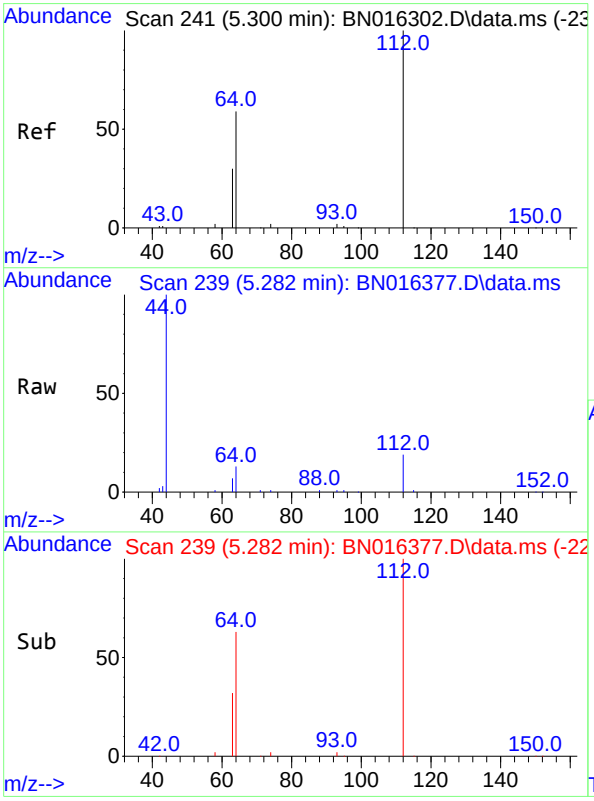


#3
n-Nitrosodimethylamine
Concen: 0.372 ng
RT: 3.631 min Scan# 60
Delta R.T. 0.028 min
Lab File: BN016377.D
Acq: 21 Sep 2021 14:39

Tgt Ion: 42 Resp: 6842

Ion	Ratio	Lower	Upper
42	100		
74	111.8	113.6	170.4#
44	0.0	0.0	0.0

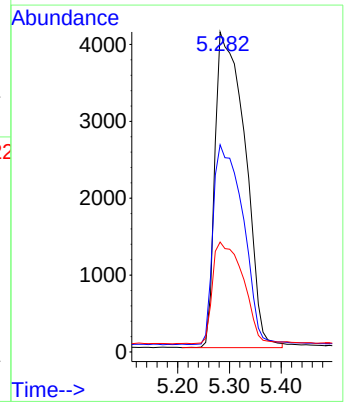




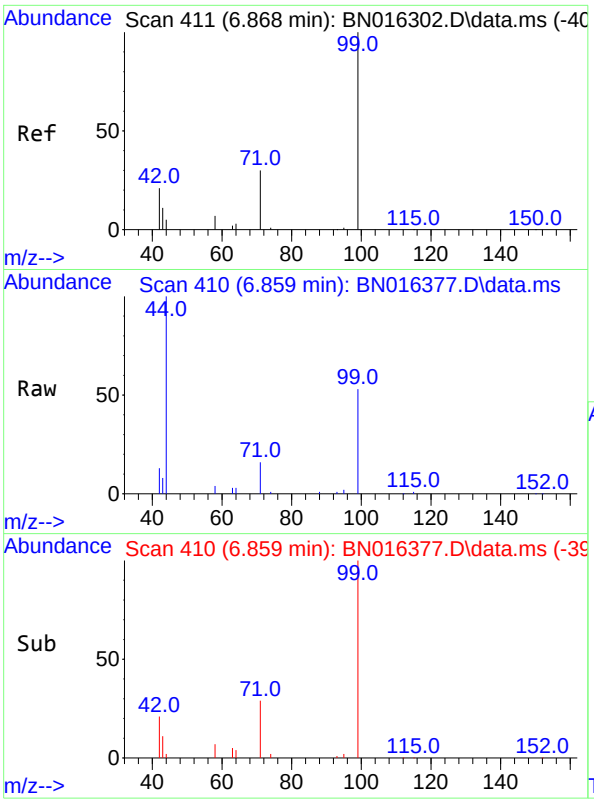
#4
2-Fluorophenol
Concen: 0.339 ng
RT: 5.282 min Scan# 239
Delta R.T. 0.000 min
Lab File: BN016377.D
Acq: 21 Sep 2021 14:39

Tgt Ion:112 Resp: 16428

Ion	Ratio	Lower	Upper
112	100		
64	63.0	47.3	70.9
63	32.7	23.4	35.0



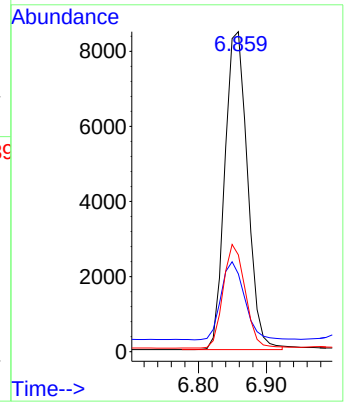
Instrument :
BNA_N
ClientSampleId :
PB139215BSD

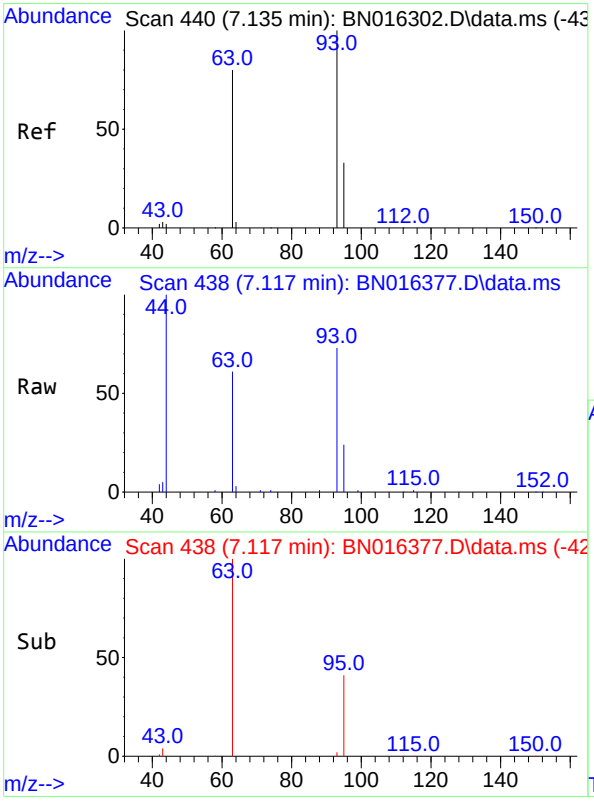


#5
Phenol-d6
Concen: 0.333 ng
RT: 6.859 min Scan# 410
Delta R.T. 0.010 min
Lab File: BN016377.D
Acq: 21 Sep 2021 14:39

Tgt Ion: 99 Resp: 19608

Ion	Ratio	Lower	Upper
99	100		
42	25.5	14.0	21.0#
71	31.6	23.8	35.6

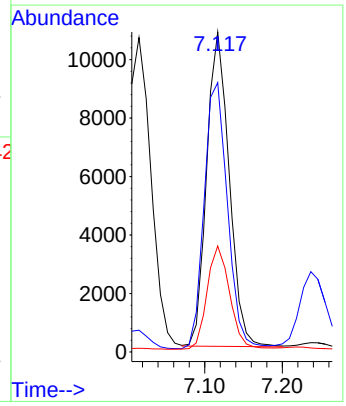




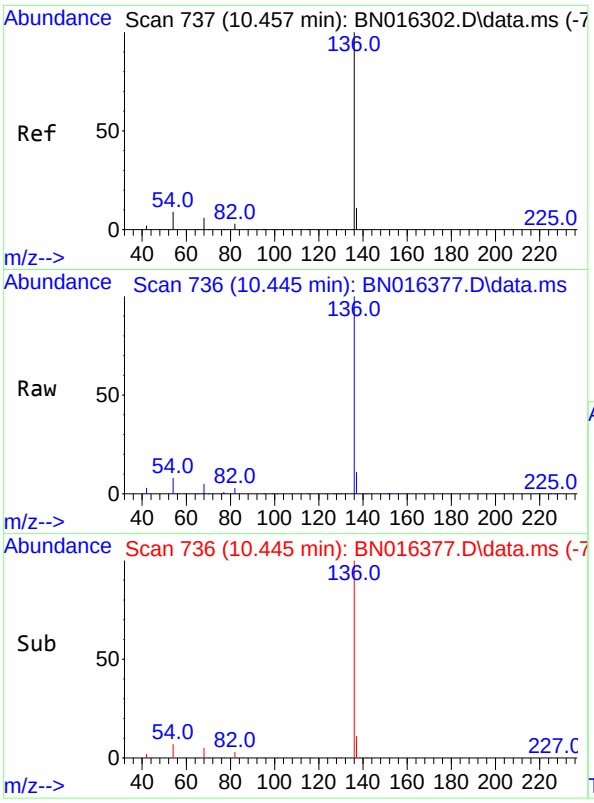
#6
bis(2-Chloroethyl)ether
Concen: 0.413 ng
RT: 7.117 min Scan# 438
Delta R.T. 0.000 min
Lab File: BN016377.D
Acq: 21 Sep 2021 14:39

Tgt Ion: 93 Resp: 21614

Ion	Ratio	Lower	Upper
93	100		
63	88.0	63.4	95.0
95	33.1	26.8	40.2



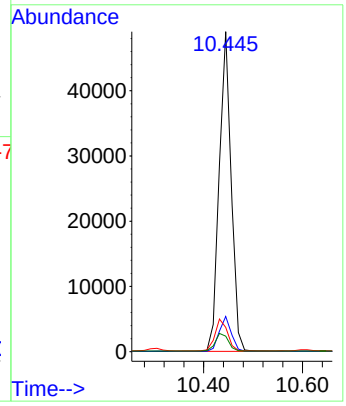
Instrument :
BNA_N
ClientSampleId :
PB139215BSD

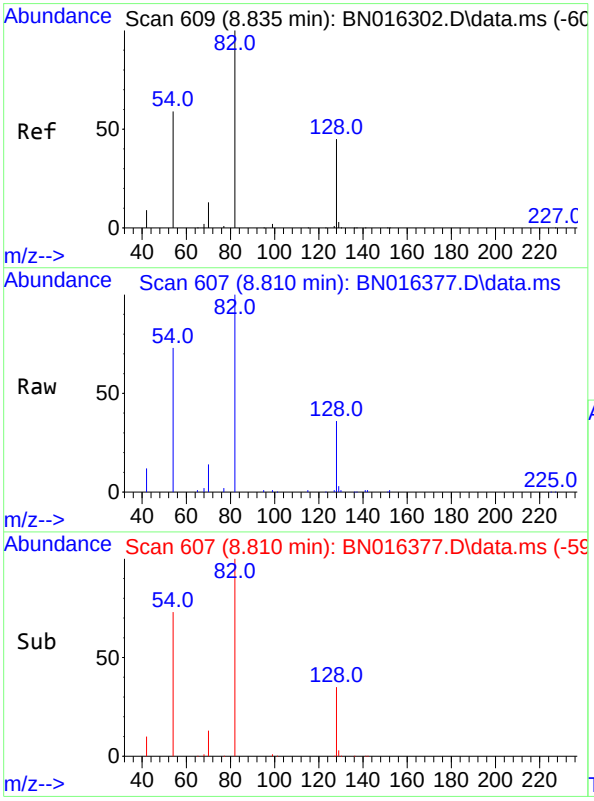


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.445 min Scan# 736
Delta R.T. 0.000 min
Lab File: BN016377.D
Acq: 21 Sep 2021 14:39

Tgt Ion:136 Resp: 81959

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.6	5.3	7.9
68	4.8	3.9	5.9

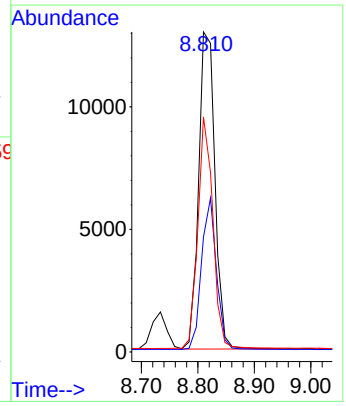


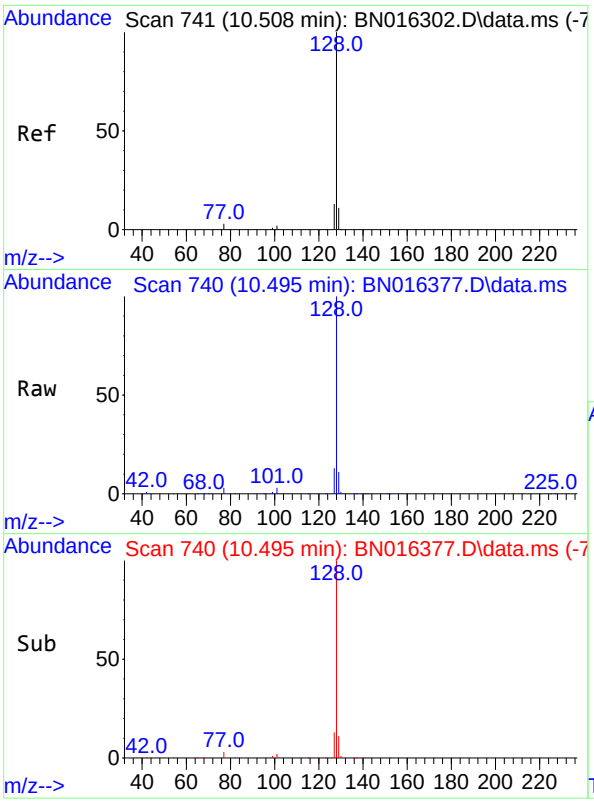


#8
Nitrobenzene-d5
Concen: 0.535 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN016377.D
Acq: 21 Sep 2021 14:39

Tgt Ion: 82 Resp: 26034

Ion	Ratio	Lower	Upper
82	100		
128	35.9	31.7	47.5
54	73.4	46.4	69.6#

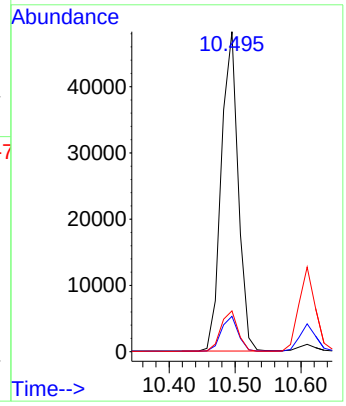




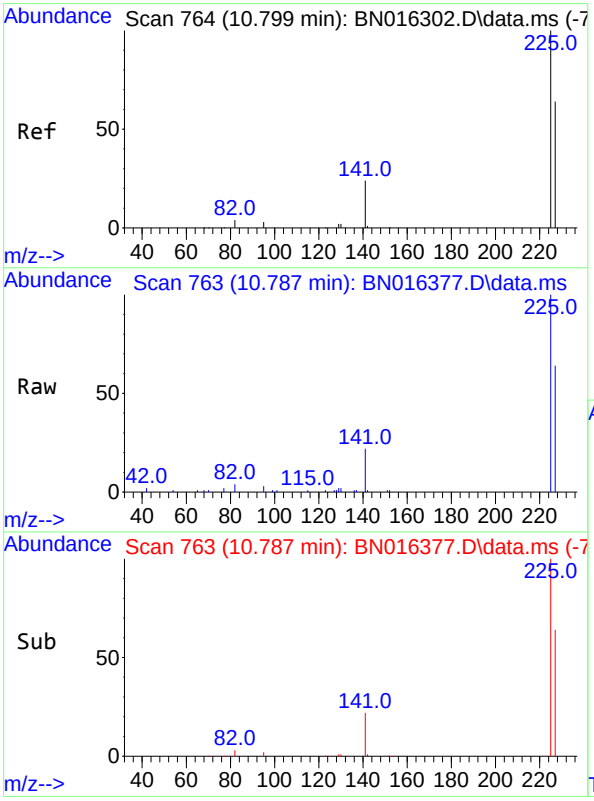
#9
Naphthalene
Concen: 0.388 ng
RT: 10.495 min Scan# 740
Delta R.T. 0.000 min
Lab File: BN016377.D
Acq: 21 Sep 2021 14:39

Tgt Ion:128 Resp: 85635

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	12.8	10.1	15.1



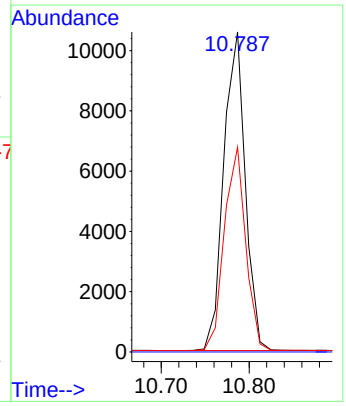
Instrument :
BNA_N
ClientSampleId :
PB139215BSD

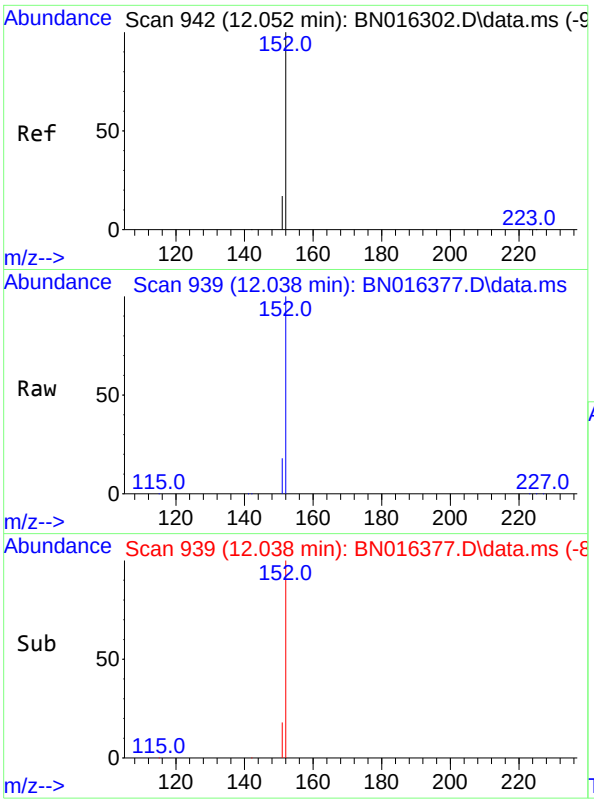


#10
Hexachlorobutadiene
Concen: 0.428 ng
RT: 10.787 min Scan# 763
Delta R.T. 0.000 min
Lab File: BN016377.D
Acq: 21 Sep 2021 14:39

Tgt Ion:225 Resp: 17980

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.5	51.5	77.3

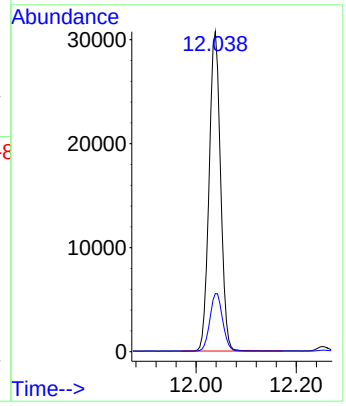




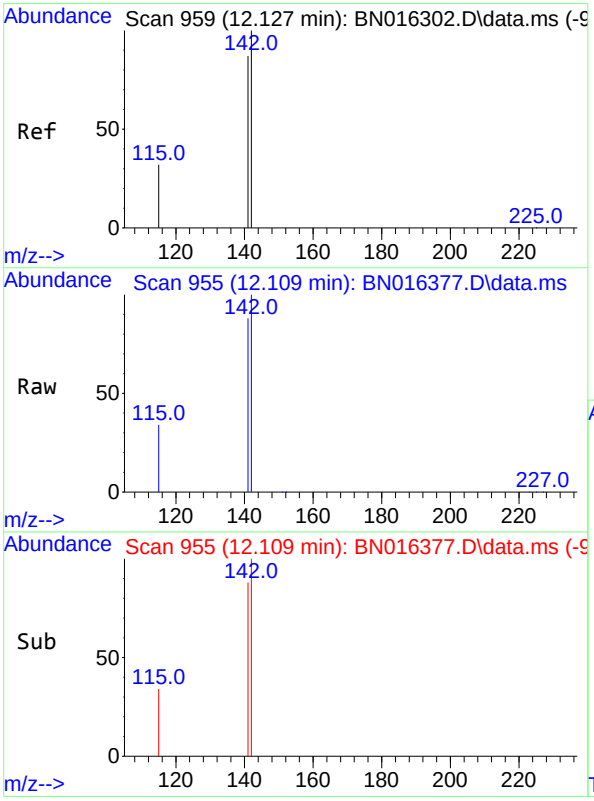
#11
2-Methylnaphthalene-d10
Concen: 0.375 ng
RT: 12.038 min Scan# 939
Delta R.T. 0.000 min
Lab File: BN016377.D
Acq: 21 Sep 2021 14:39

Tgt Ion:152 Resp: 48368

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.1	24.1



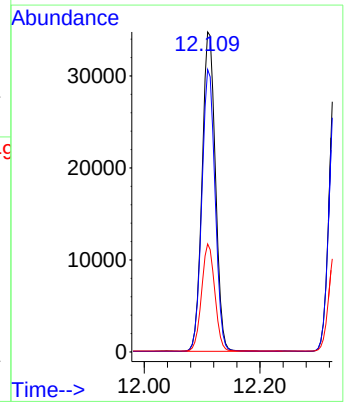
Instrument :
BNA_N
ClientSampleId :
PB139215BSD



#12
2-Methylnaphthalene
Concen: 0.381 ng
RT: 12.109 min Scan# 955
Delta R.T. -0.004 min
Lab File: BN016377.D
Acq: 21 Sep 2021 14:39

Tgt Ion:142 Resp: 55737

Ion	Ratio	Lower	Upper
142	100		
141	88.3	69.8	104.8
115	33.7	24.4	36.6



Instrument :
BNA_N
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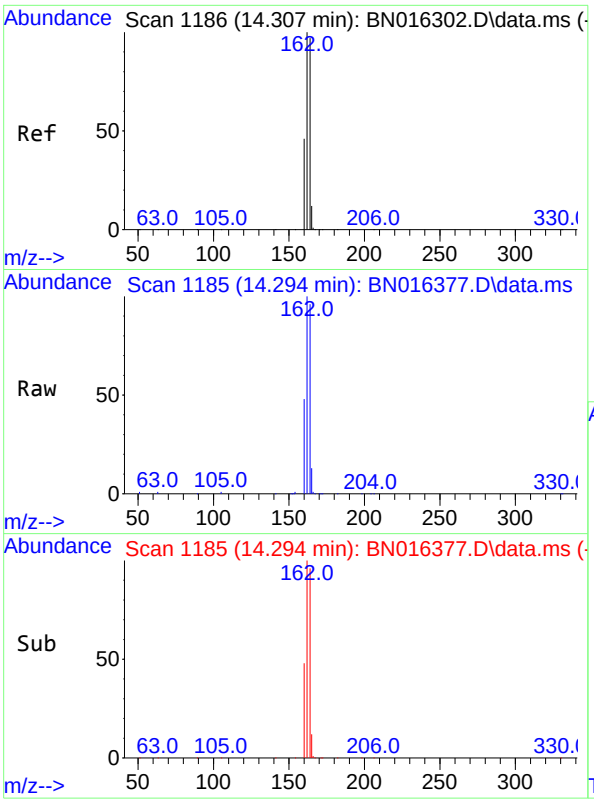
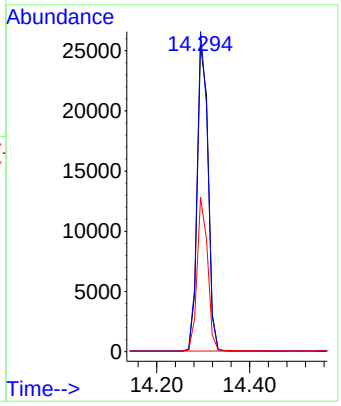
PB139215BSD

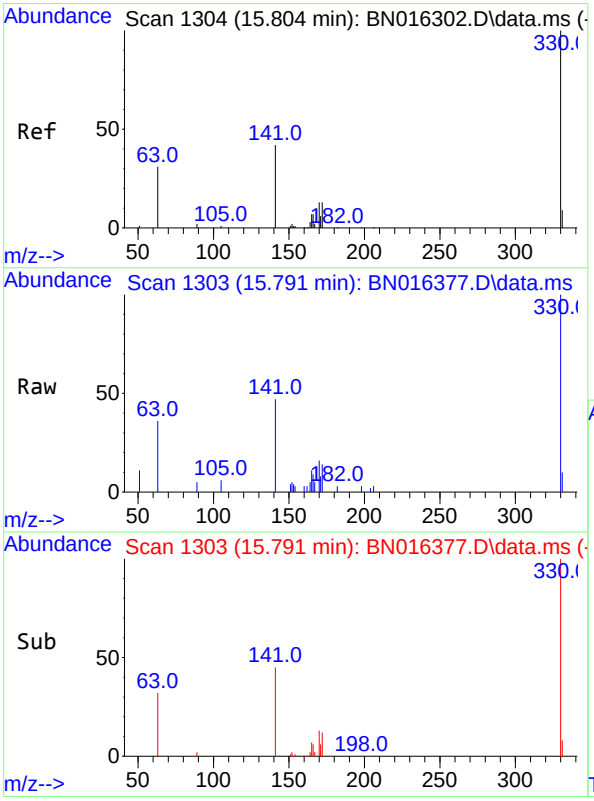


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. -0.012 min
Lab File: BN016377.D
Acq: 21 Sep 2021 14:39

Tgt Ion:164 Resp: 41751

Ion	Ratio	Lower	Upper
164	100		
162	104.3	79.0	118.4
160	50.3	34.1	51.1

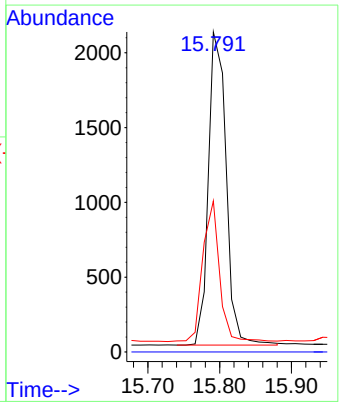




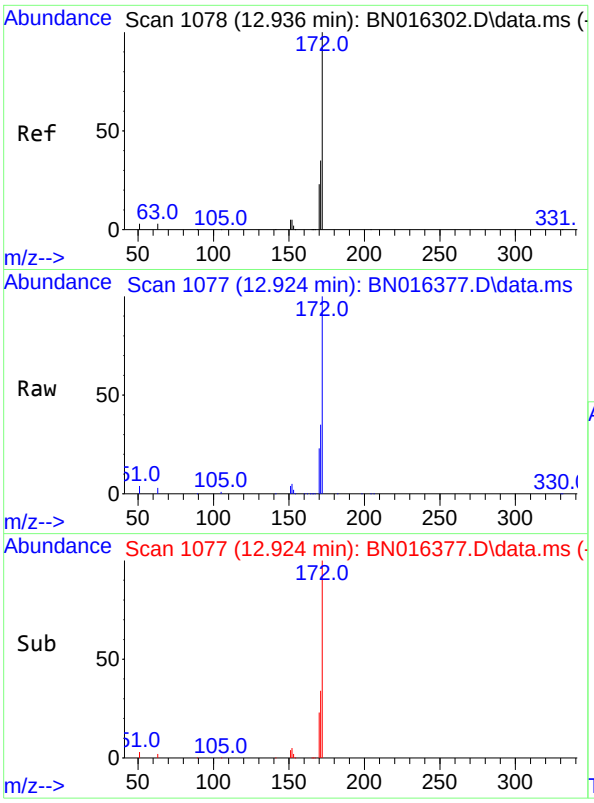
#14
2,4,6-Tribromophenol
Concen: 0.293 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016377.D
Acq: 21 Sep 2021 14:39

Tgt Ion:330 Resp: 3589

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	42.2	25.0	37.4#



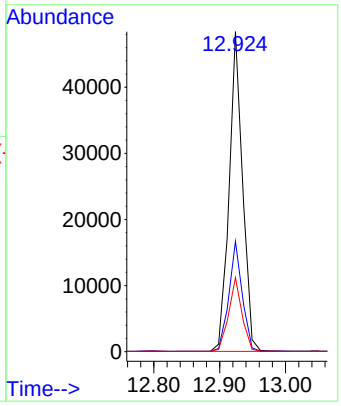
Instrument :
BNA_N
ClientSampleId :
PB139215BSD

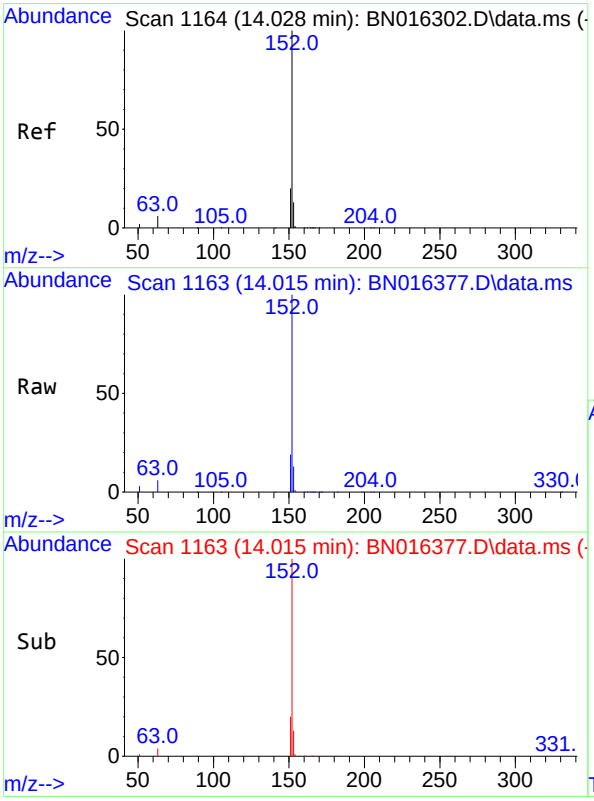


#15
2-Fluorobiphenyl
Concen: 0.421 ng
RT: 12.924 min Scan# 1077
Delta R.T. 0.000 min
Lab File: BN016377.D
Acq: 21 Sep 2021 14:39

Tgt Ion:172 Resp: 68822

Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.8	41.6
170	23.2	18.2	27.2

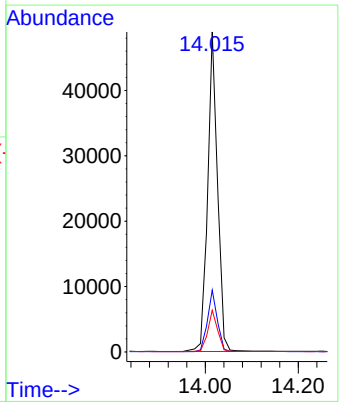




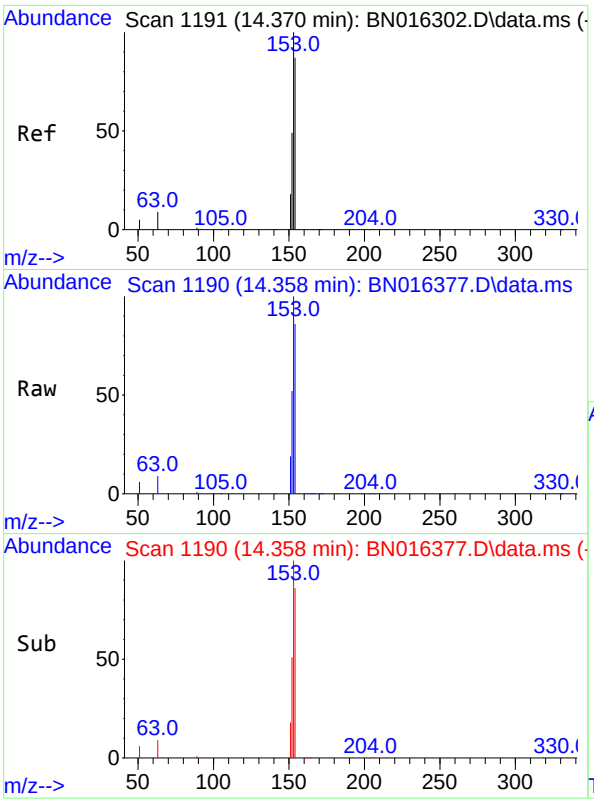
#16
Acenaphthylene
Concen: 0.372 ng
RT: 14.015 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BN016377.D
Acq: 21 Sep 2021 14:39

Tgt Ion:152 Resp: 72308

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.2	22.8
153	12.9	10.5	15.7



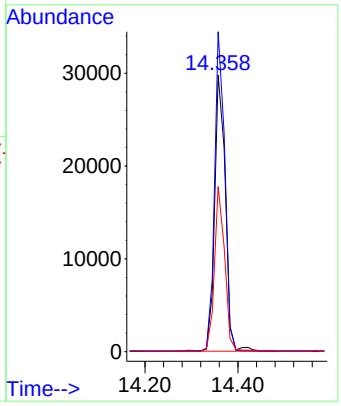
Instrument :
BNA_N
ClientSampleId :
PB139215BSD

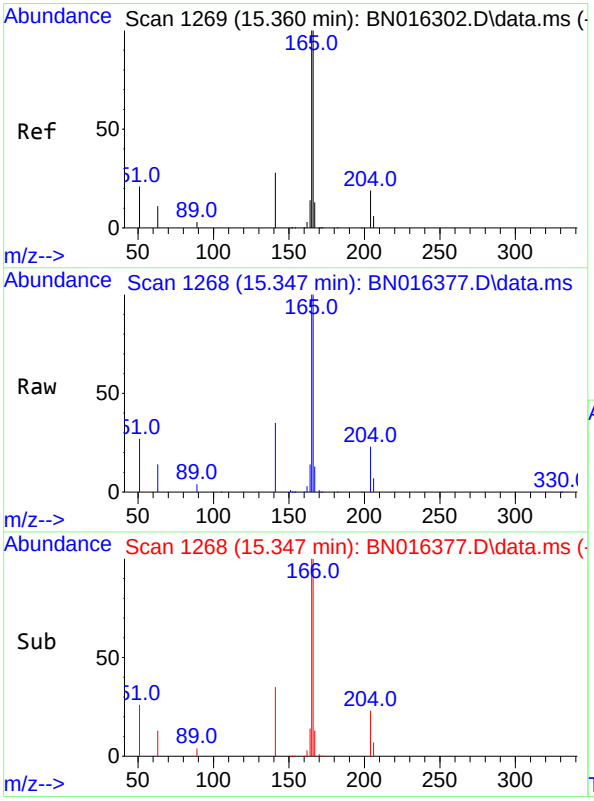


#17
Acenaphthene
Concen: 0.393 ng
RT: 14.358 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BN016377.D
Acq: 21 Sep 2021 14:39

Tgt Ion:154 Resp: 47308

Ion	Ratio	Lower	Upper
154	100		
153	111.0	89.3	133.9
152	56.6	42.2	63.4

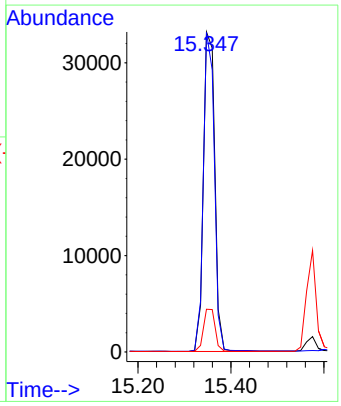




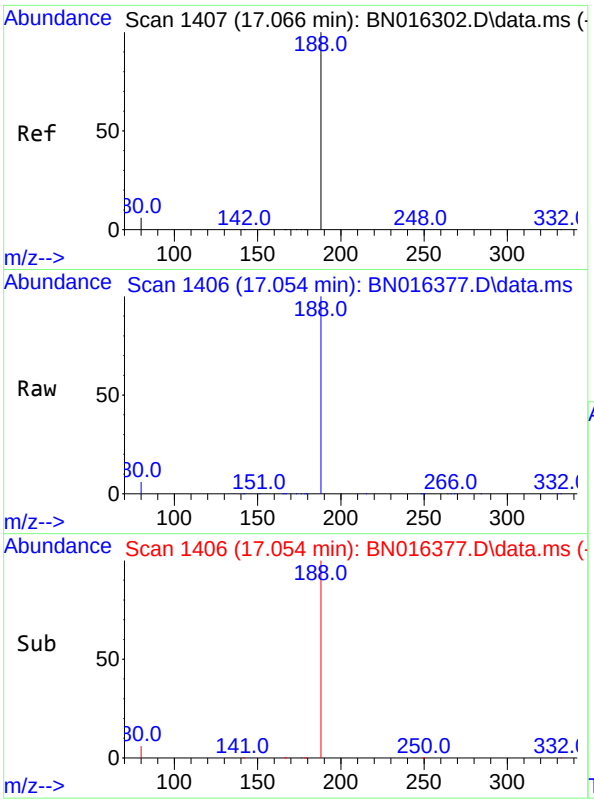
#18
Fluorene
Concen: 0.380 ng
RT: 15.347 min Scan# 1268
Delta R.T. -0.012 min
Lab File: BN016377.D
Acq: 21 Sep 2021 14:39

Tgt Ion:166 Resp: 56742

Ion	Ratio	Lower	Upper
166	100		
165	96.6	76.7	115.1
167	13.5	10.9	16.3



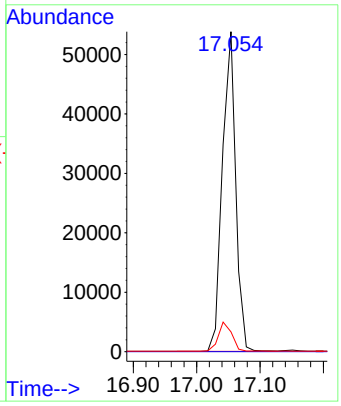
Instrument :
BNA_N
ClientSampleId :
PB139215BSD

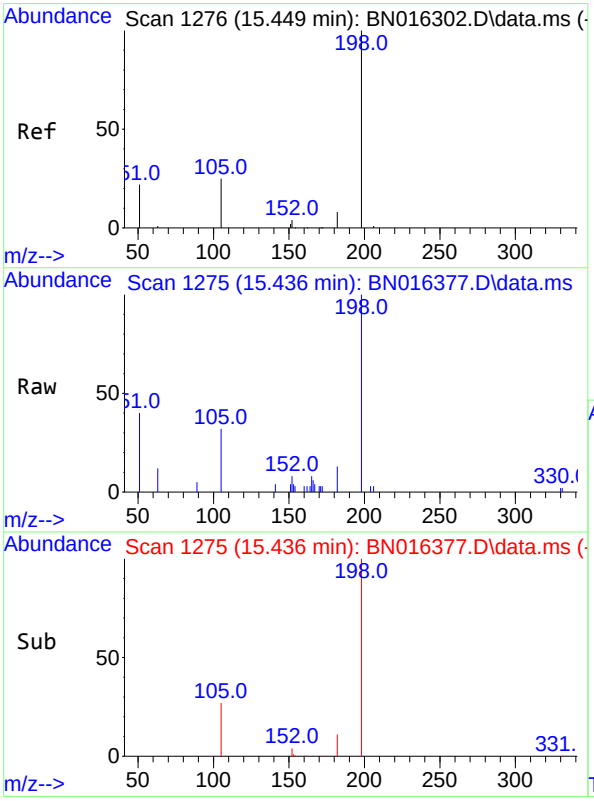


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.054 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BN016377.D
Acq: 21 Sep 2021 14:39

Tgt Ion:188 Resp: 78241

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.2	7.0	10.6#

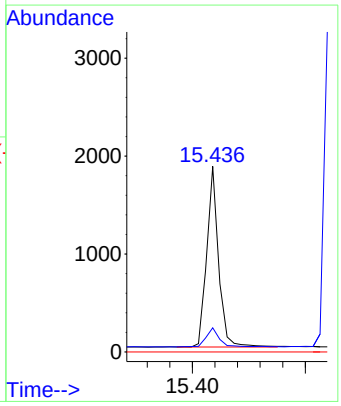




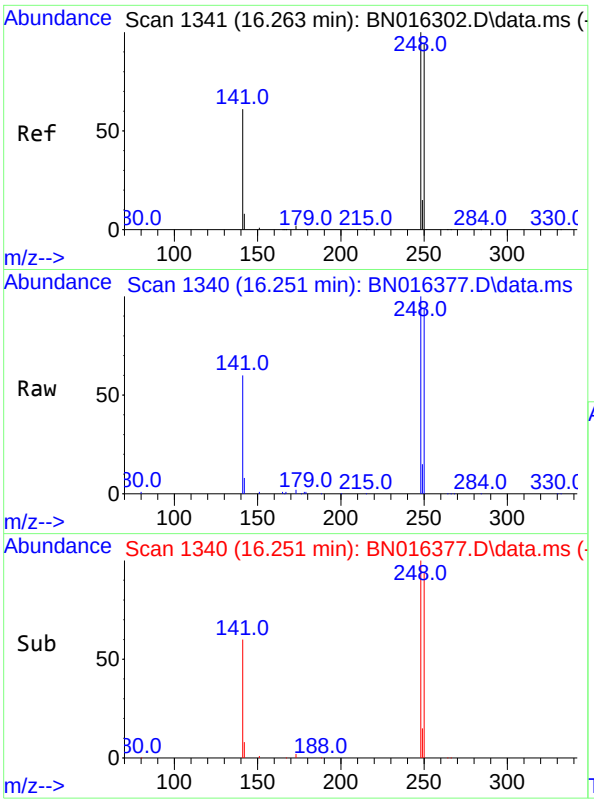
#20
4,6-Dinitro-2-methylphenol
Concen: 0.754 ng
RT: 15.436 min Scan# 1275
Delta R.T. 0.000 min
Lab File: BN016377.D
Acq: 21 Sep 2021 14:39

Tgt Ion:198 Resp: 2682

Ion	Ratio	Lower	Upper
198	100		
182	13.0	26.6	39.8#
77	0.0	0.0	0.0



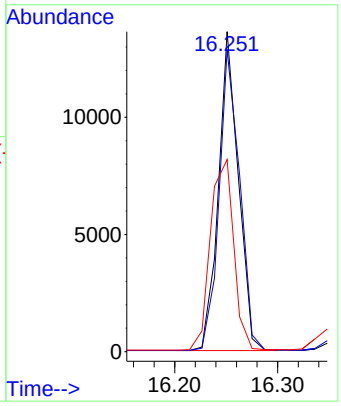
Instrument :
BNA_N
ClientSampleId :
PB139215BSD

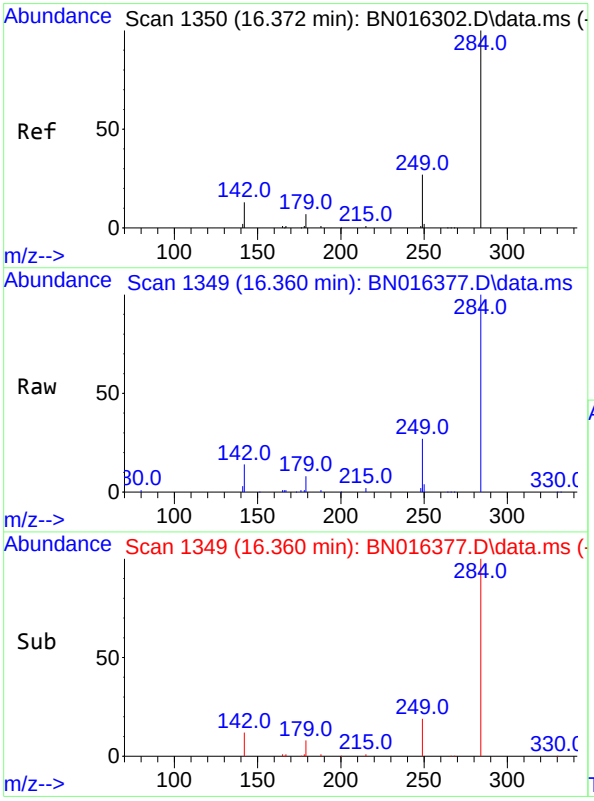


#21
4-Bromophenyl-phenylether
Concen: 0.399 ng
RT: 16.251 min Scan# 1340
Delta R.T. 0.000 min
Lab File: BN016377.D
Acq: 21 Sep 2021 14:39

Tgt Ion:248 Resp: 18247

Ion	Ratio	Lower	Upper
248	100		
250	94.4	80.5	120.7
141	60.0	34.8	52.2#

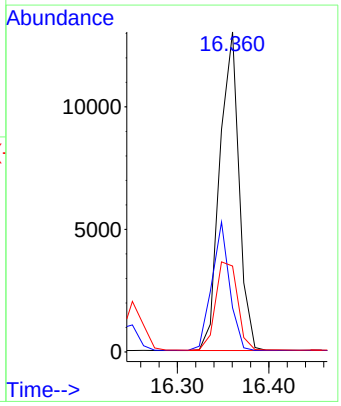




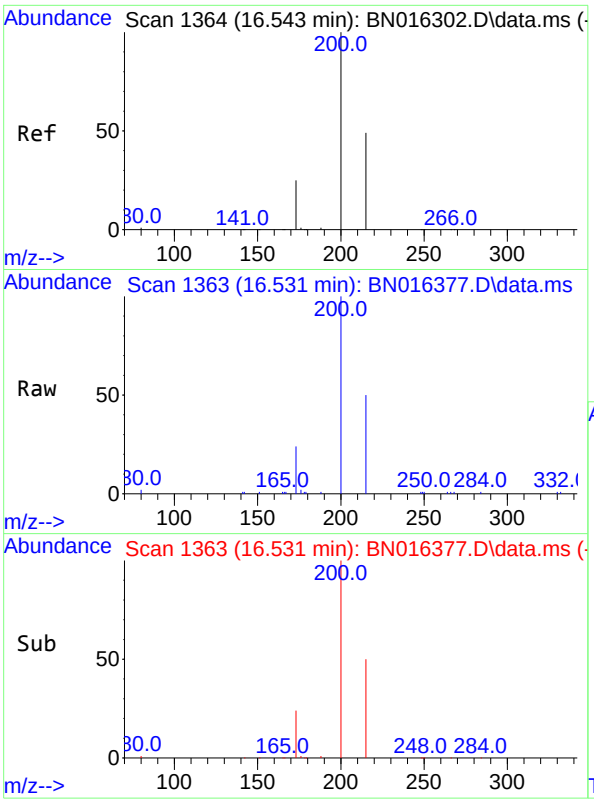
#22
Hexachlorobenzene
Concen: 0.440 ng
RT: 16.360 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BN016377.D
Acq: 21 Sep 2021 14:39

Tgt Ion:284 Resp: 19017

Ion	Ratio	Lower	Upper
284	100		
142	37.1	22.6	34.0#
249	31.5	24.4	36.6



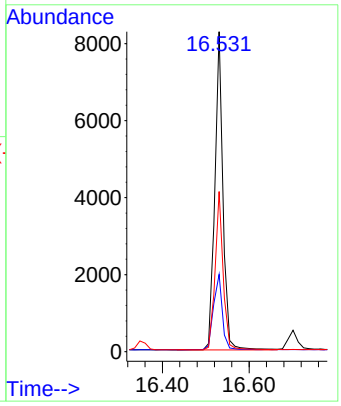
Instrument :
BNA_N
ClientSampleId :
PB139215BSD

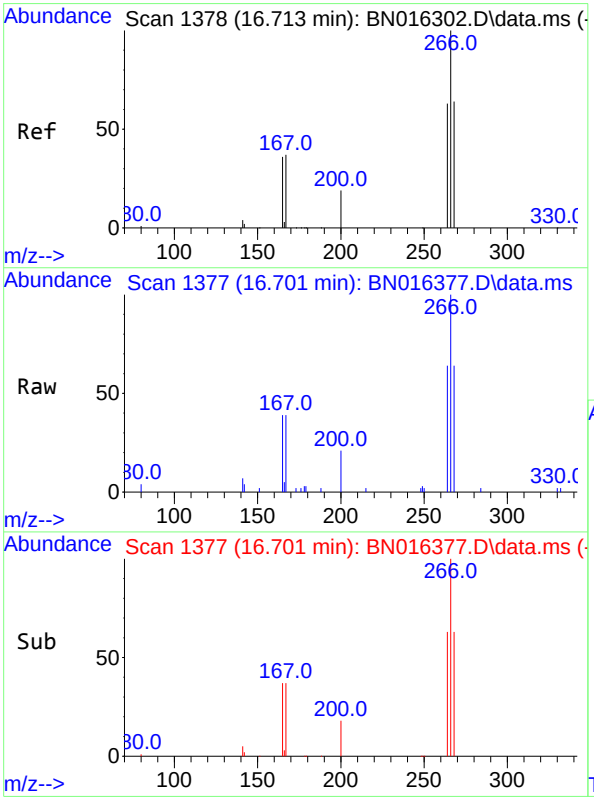


#23
Atrazine
Concen: 0.257 ng
RT: 16.531 min Scan# 1363
Delta R.T. 0.000 min
Lab File: BN016377.D
Acq: 21 Sep 2021 14:39

Tgt Ion:200 Resp: 10749

Ion	Ratio	Lower	Upper
200	100		
173	24.2	18.7	28.1
215	50.1	41.6	62.4

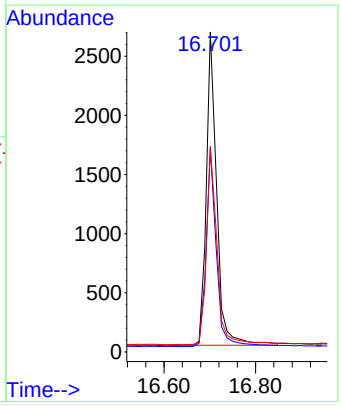




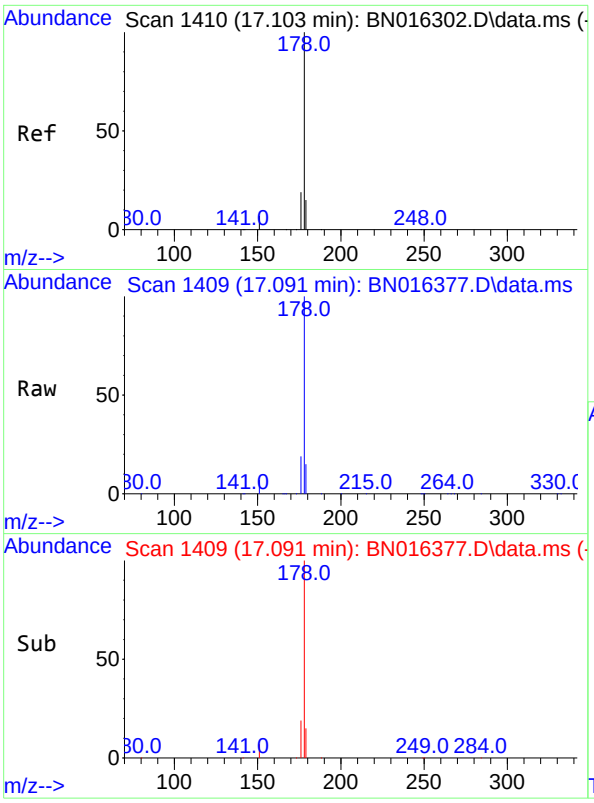
#24
Pentachlorophenol
Concen: 0.286 ng
RT: 16.701 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BN016377.D
Acq: 21 Sep 2021 14:39

Tgt Ion:266 Resp: 4166

Ion	Ratio	Lower	Upper
266	100		
264	62.3	50.6	75.8
268	64.4	52.6	79.0



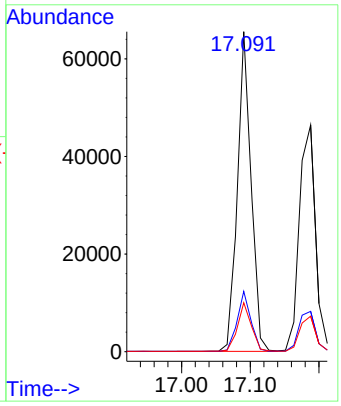
Instrument :
BNA_N
ClientSampleId :
PB139215BSD

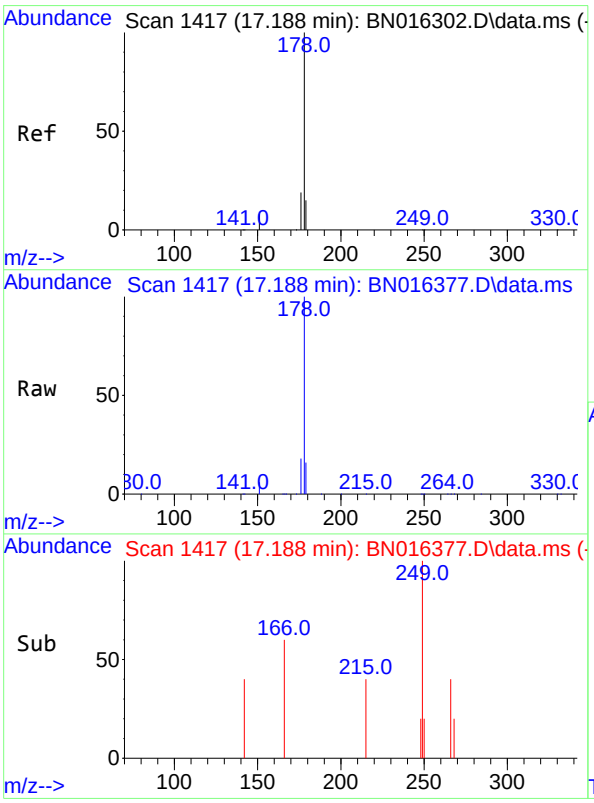


#25
Phenanthrene
Concen: 0.411 ng
RT: 17.091 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BN016377.D
Acq: 21 Sep 2021 14:39

Tgt Ion:178 Resp: 90872

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.4	21.6
179	15.4	12.2	18.4

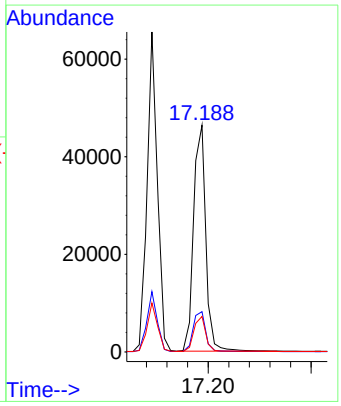


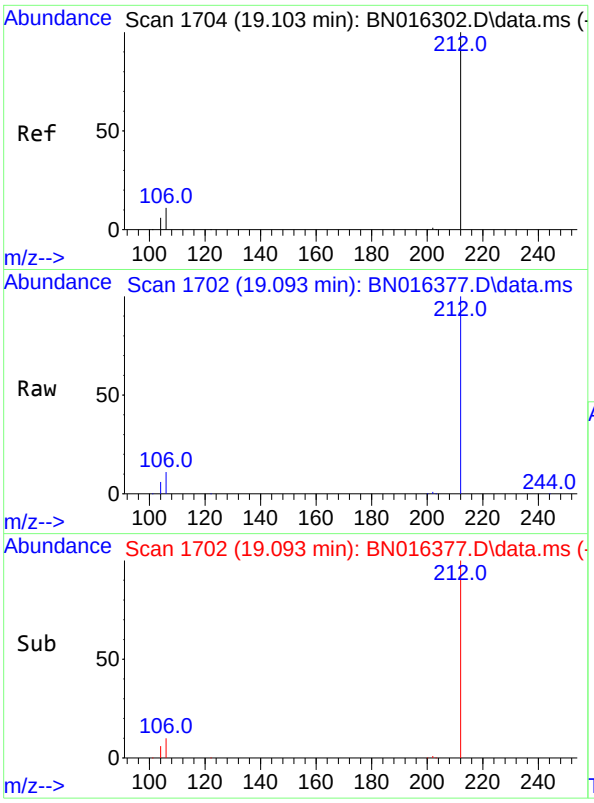


#26
Anthracene
Concen: 0.356 ng
RT: 17.188 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BN016377.D
Acq: 21 Sep 2021 14:39

Tgt Ion:178 Resp: 76196

Ion	Ratio	Lower	Upper
178	100		
176	18.2	13.9	20.9
179	15.3	12.2	18.4

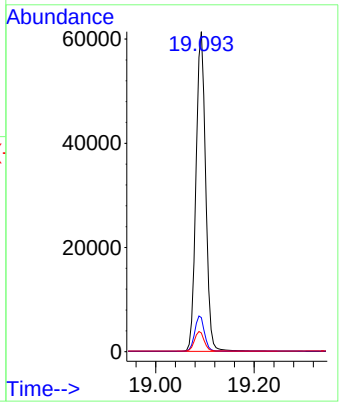




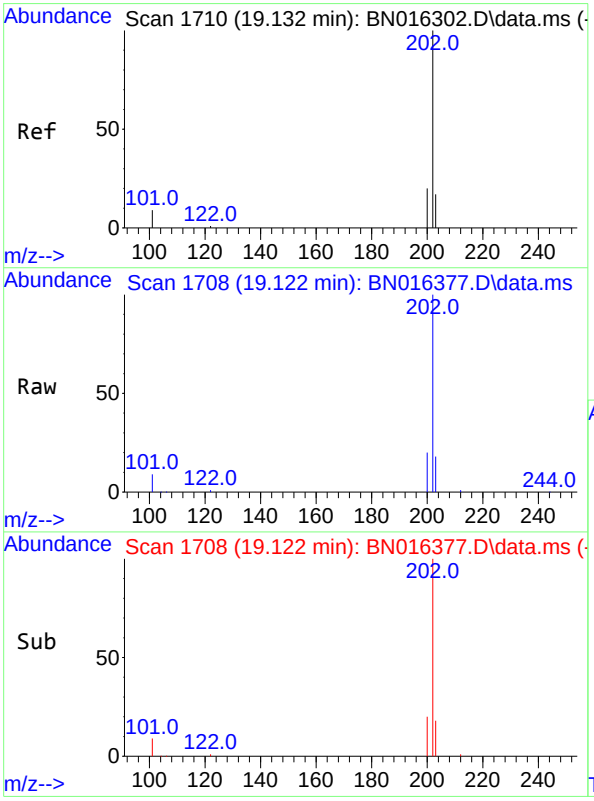
#27
Fluoranthene-d10
Concen: 0.367 ng
RT: 19.093 min Scan# 1702
Delta R.T. 0.000 min
Lab File: BN016377.D
Acq: 21 Sep 2021 14:39

Tgt Ion:212 Resp: 83024

Ion	Ratio	Lower	Upper
212	100		
106	11.0	9.8	14.6
104	6.2	5.4	8.2



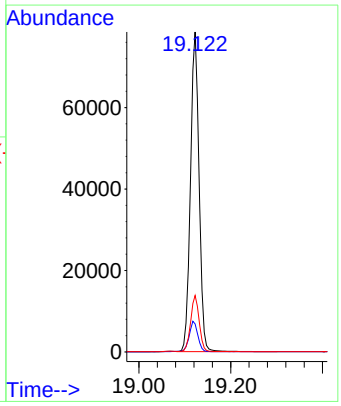
Instrument :
BNA_N
ClientSampleId :
PB139215BSD



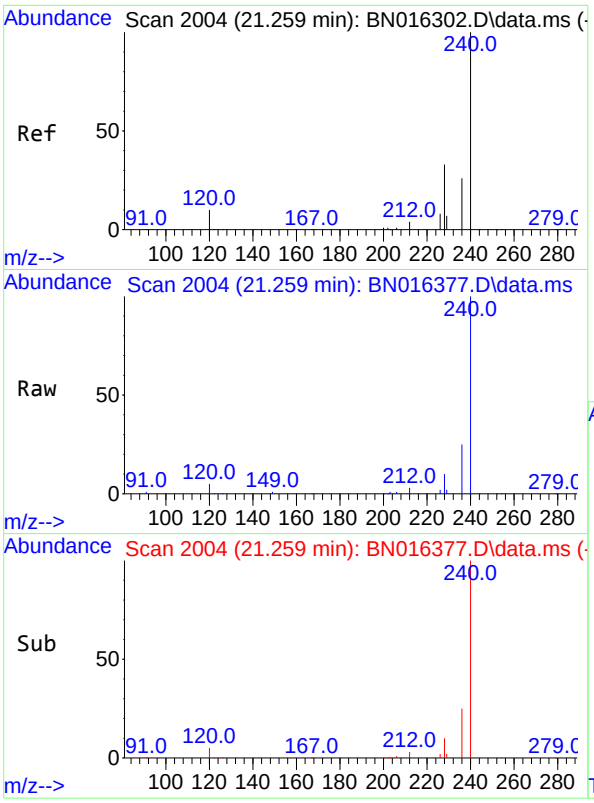
#28
Fluoranthene
Concen: 0.402 ng
RT: 19.122 min Scan# 1708
Delta R.T. 0.000 min
Lab File: BN016377.D
Acq: 21 Sep 2021 14:39

Tgt Ion:202 Resp: 102257

Ion	Ratio	Lower	Upper
202	100		
101	9.7	8.5	12.7
203	17.4	13.8	20.8



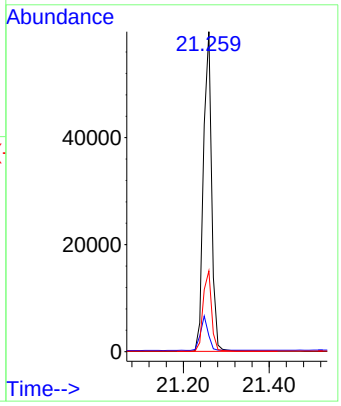
Instrument :
BNA_N
ClientSampleId :
PB139215BSD

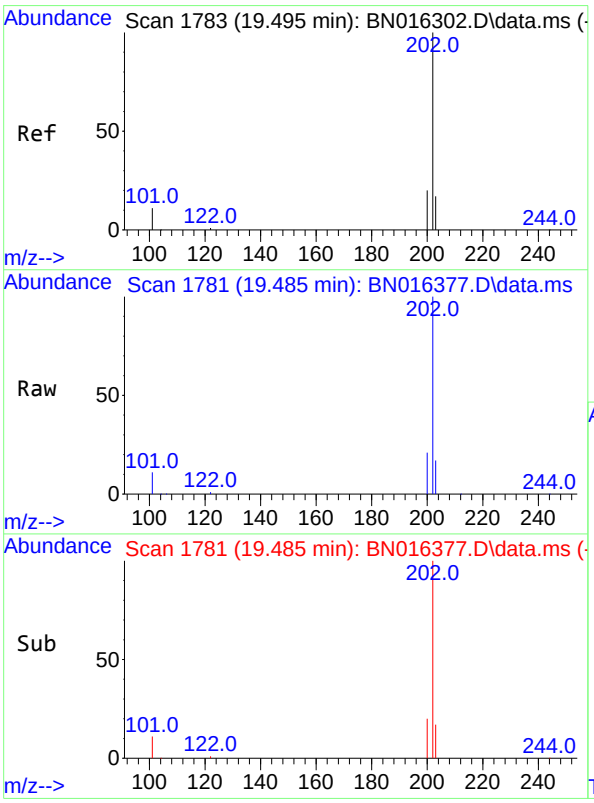


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.259 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BN016377.D
Acq: 21 Sep 2021 14:39

Tgt Ion:240 Resp: 78983

Ion	Ratio	Lower	Upper
240	100		
120	5.0	5.3	7.9#
236	25.3	19.8	29.8

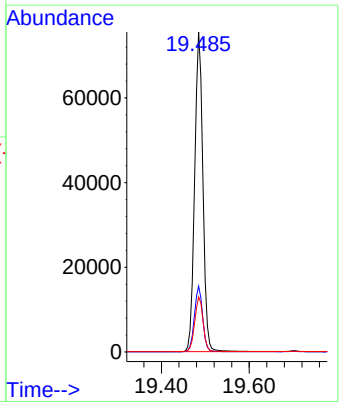




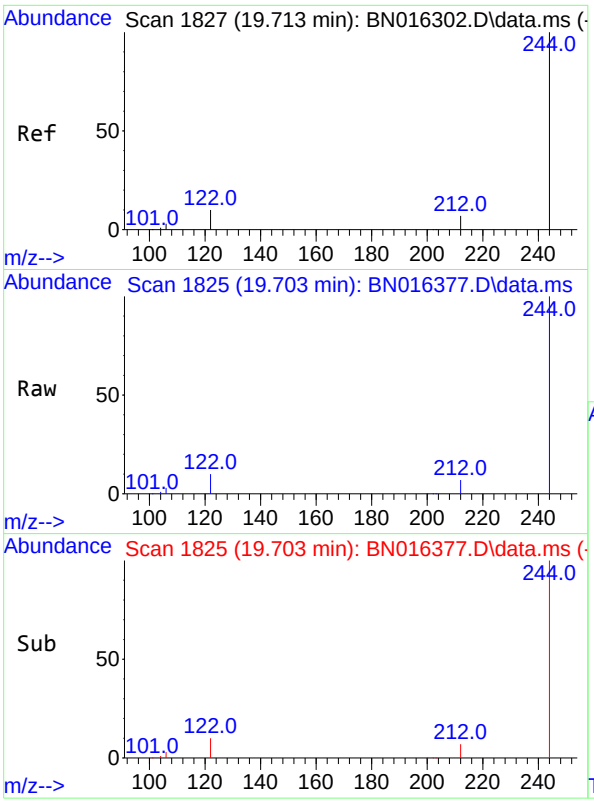
#30
Pyrene
Concen: 0.393 ng
RT: 19.485 min Scan# 1781
Delta R.T. 0.000 min
Lab File: BN016377.D
Acq: 21 Sep 2021 14:39

Tgt Ion:202 Resp: 98254

Ion	Ratio	Lower	Upper
202	100		
200	20.5	15.8	23.6
203	17.4	13.9	20.9



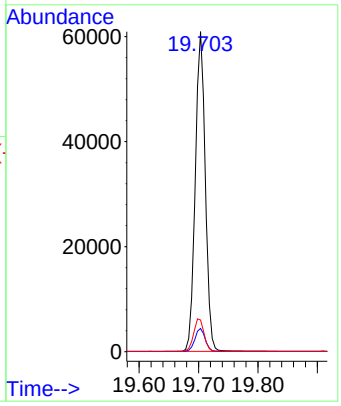
Instrument :
BNA_N
ClientSampleId :
PB139215BSD

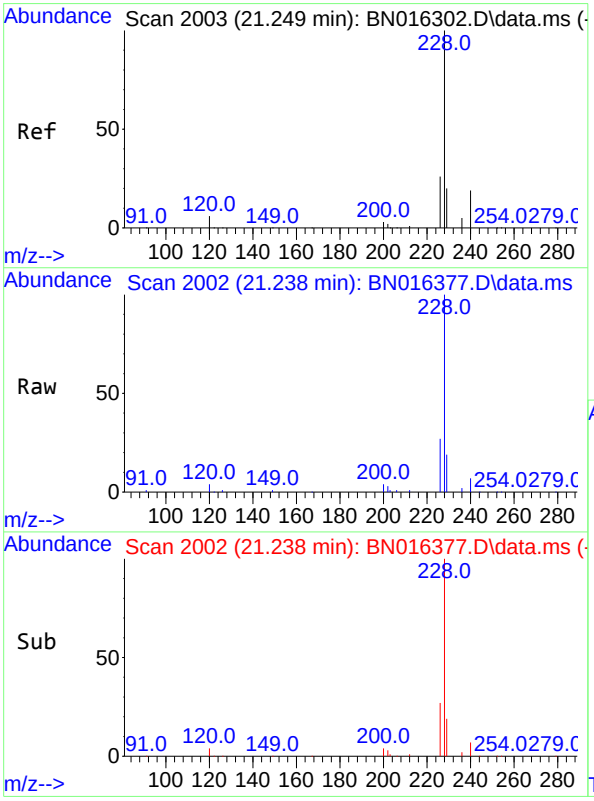


#31
Terphenyl-d14
Concen: 0.390 ng
RT: 19.703 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BN016377.D
Acq: 21 Sep 2021 14:39

Tgt Ion:244 Resp: 71324

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.5	8.3
122	9.9	9.0	13.4

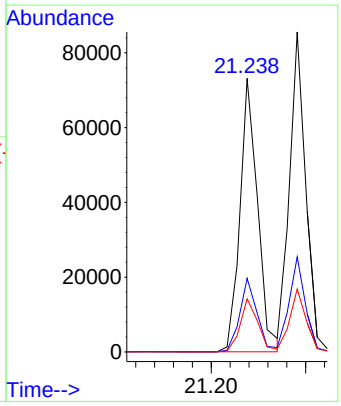




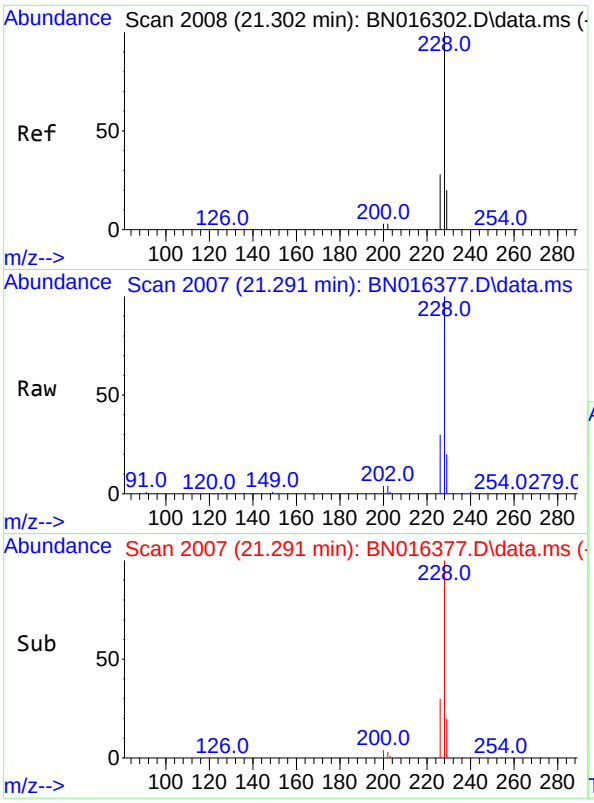
#32
Benzo(a)anthracene
Concen: 0.374 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016377.D
Acq: 21 Sep 2021 14:39

Tgt Ion:228 Resp: 94820

Ion	Ratio	Lower	Upper
228	100		
226	26.9	20.8	31.2
229	19.4	15.8	23.6



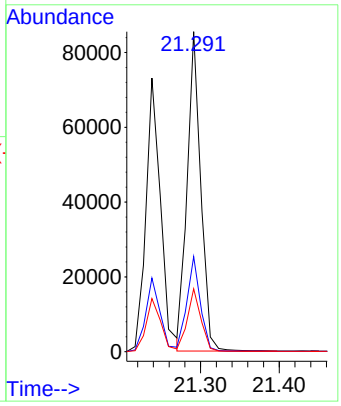
Instrument :
BNA_N
ClientSampleId :
PB139215BSD

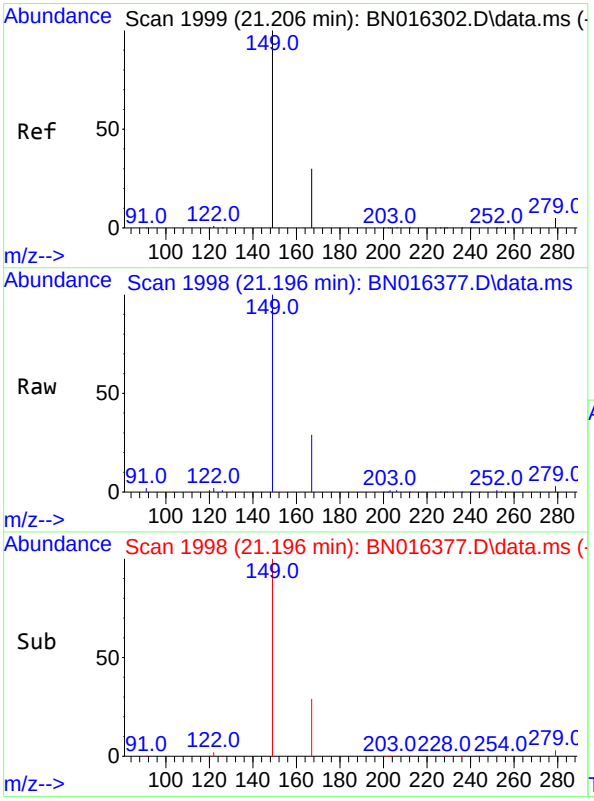


#33
Chrysene
Concen: 0.417 ng
RT: 21.291 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BN016377.D
Acq: 21 Sep 2021 14:39

Tgt Ion:228 Resp: 102370

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.0	34.4
229	19.7	15.6	23.4

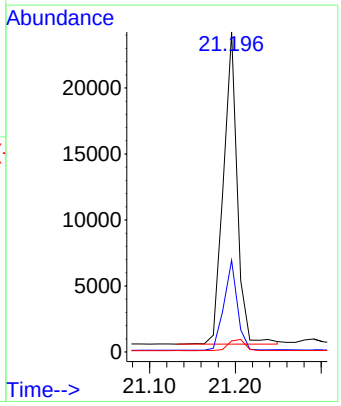




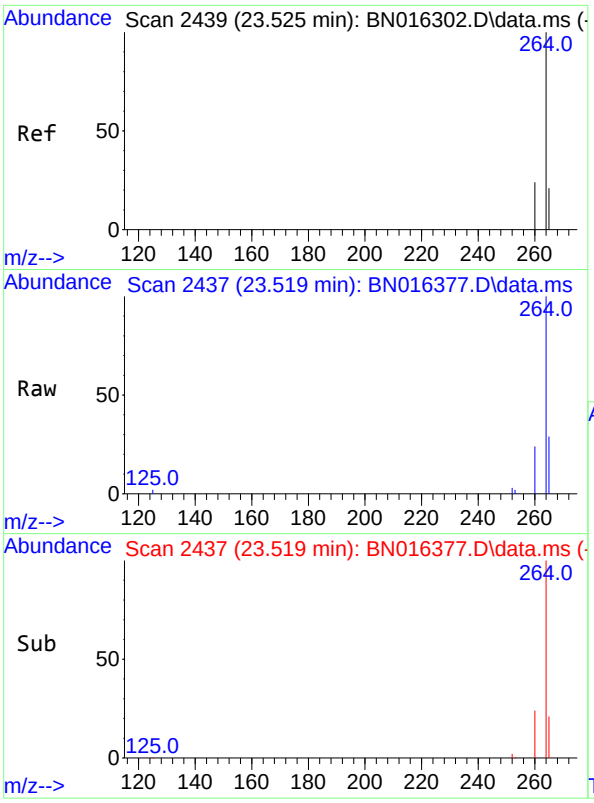
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.193 ng
RT: 21.196 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BN016377.D
Acq: 21 Sep 2021 14:39

Tgt Ion:149 Resp: 26452

Ion	Ratio	Lower	Upper
149	100		
167	27.9	23.4	35.0
279	4.3	3.9	5.9



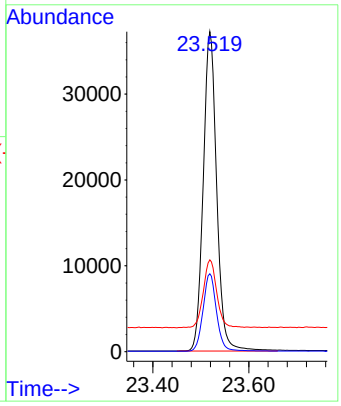
Instrument :
BNA_N
ClientSampleId :
PB139215BSD

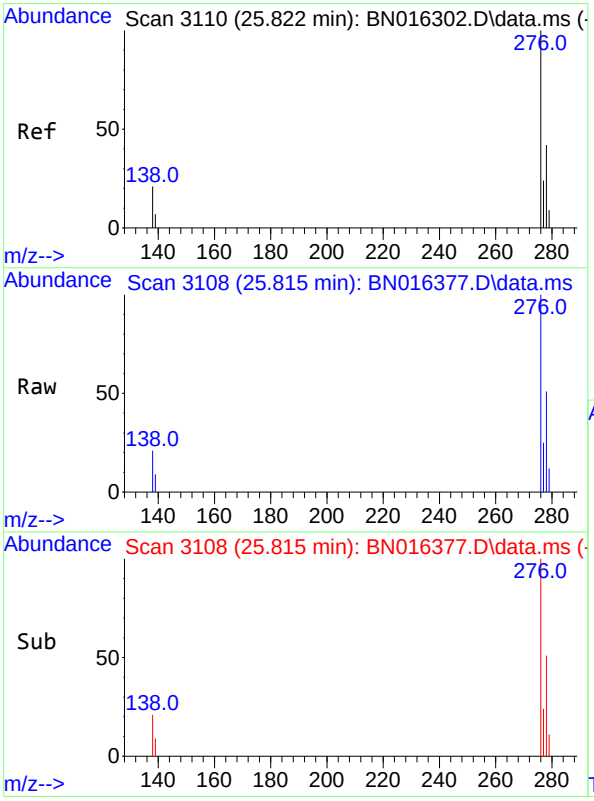


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.519 min Scan# 2437
Delta R.T. -0.003 min
Lab File: BN016377.D
Acq: 21 Sep 2021 14:39

Tgt Ion:264 Resp: 72368

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.9	28.3
265	28.7	23.7	35.5

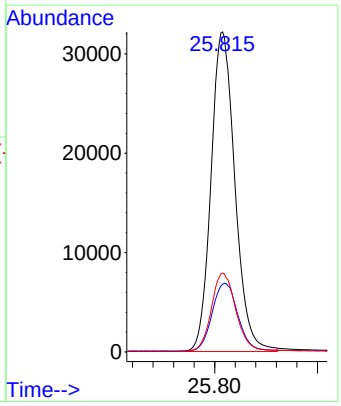




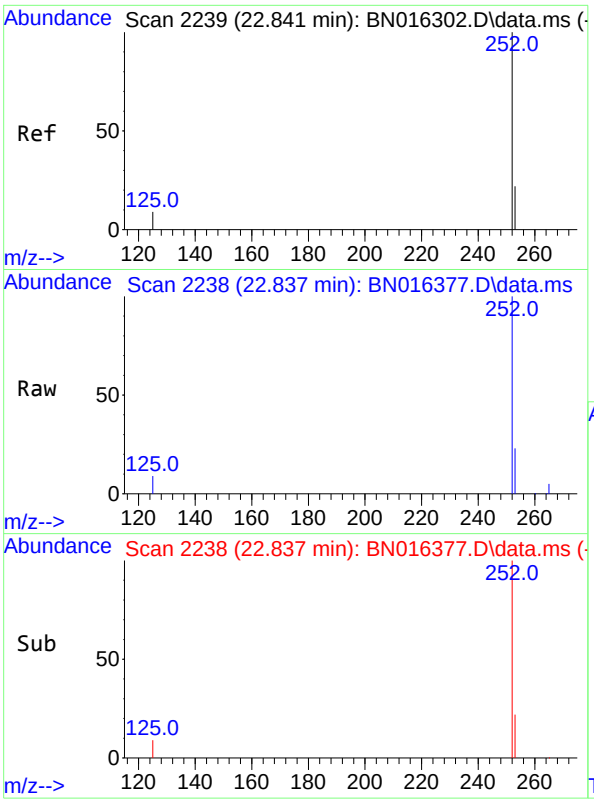
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.444 ng
RT: 25.815 min Scan# 3108
Delta R.T. -0.003 min
Lab File: BN016377.D
Acq: 21 Sep 2021 14:39

Tgt Ion:276 Resp: 103686

Ion	Ratio	Lower	Upper
276	100		
138	22.8	19.3	28.9
277	24.9	20.2	30.2



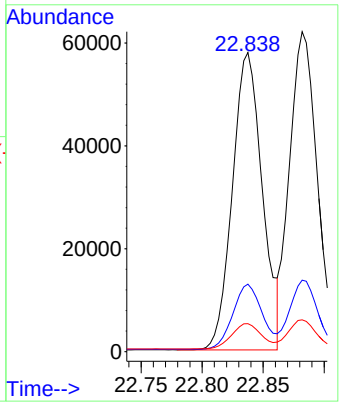
Instrument :
BNA_N
ClientSampleId :
PB139215BSD

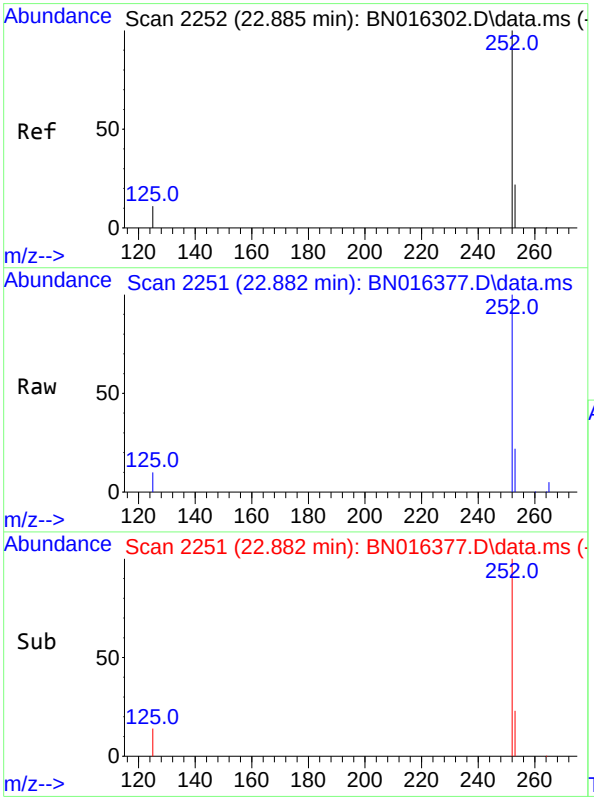


#37
Benzo(b)fluoranthene
Concen: 0.429 ng
RT: 22.837 min Scan# 2238
Delta R.T. -0.003 min
Lab File: BN016377.D
Acq: 21 Sep 2021 14:39

Tgt Ion:252 Resp: 98535

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	9.4	8.4	12.6

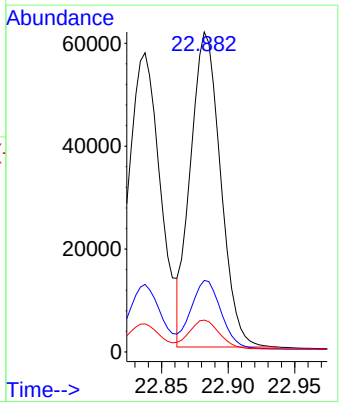


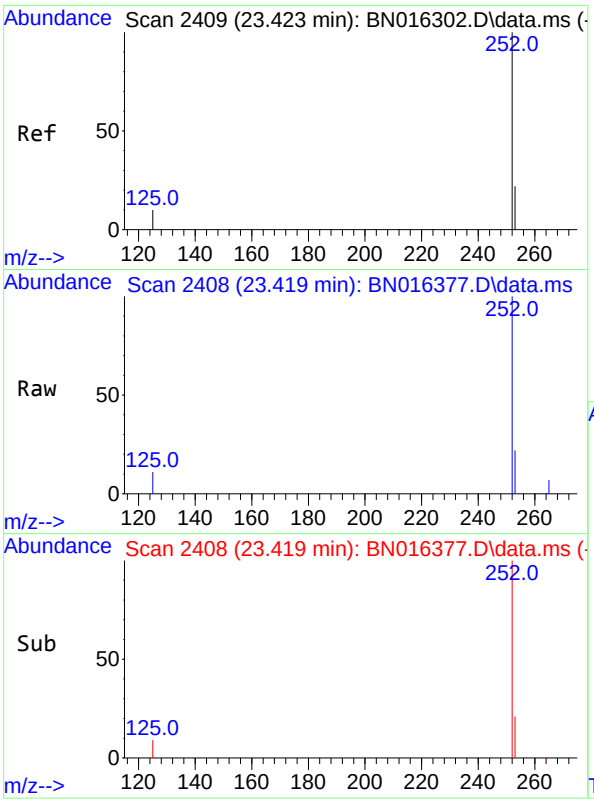


#38
Benzo(k)fluoranthene
Concen: 0.434 ng
RT: 22.882 min Scan# 2251
Delta R.T. -0.003 min
Lab File: BN016377.D
Acq: 21 Sep 2021 14:39

Tgt Ion:252 Resp: 96065

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	10.0	8.2	12.4

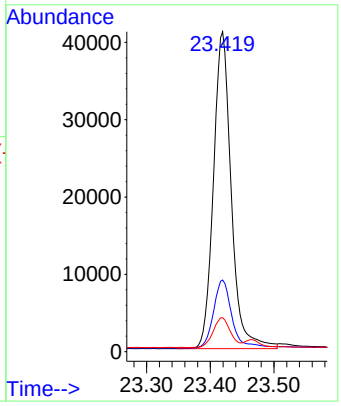




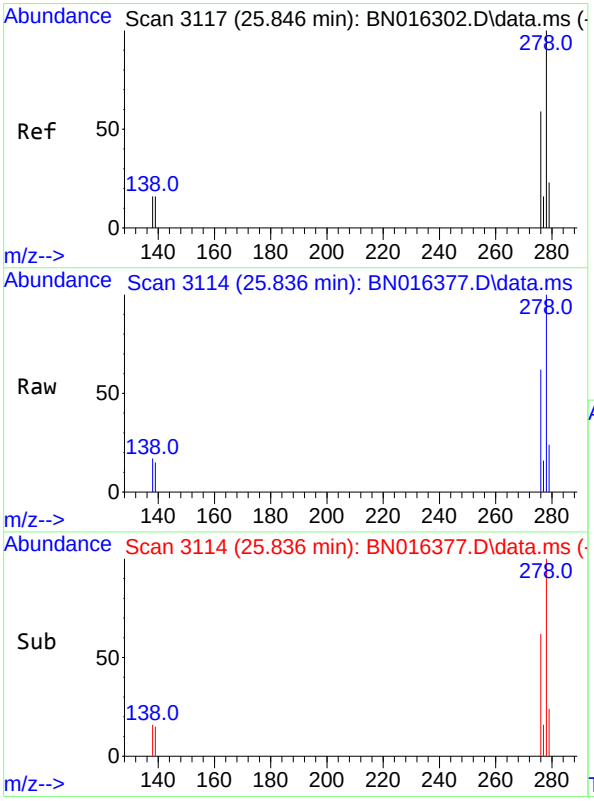
#39
Benzo(a)pyrene
Concen: 0.384 ng
RT: 23.419 min Scan# 2408
Delta R.T. -0.003 min
Lab File: BN016377.D
Acq: 21 Sep 2021 14:39

Tgt Ion:252 Resp: 79720

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.7	28.1
125	10.6	9.9	14.9



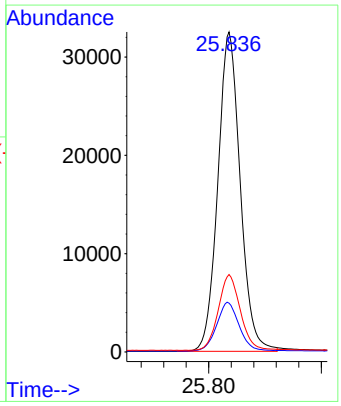
Instrument :
BNA_N
ClientSampleId :
PB139215BSD

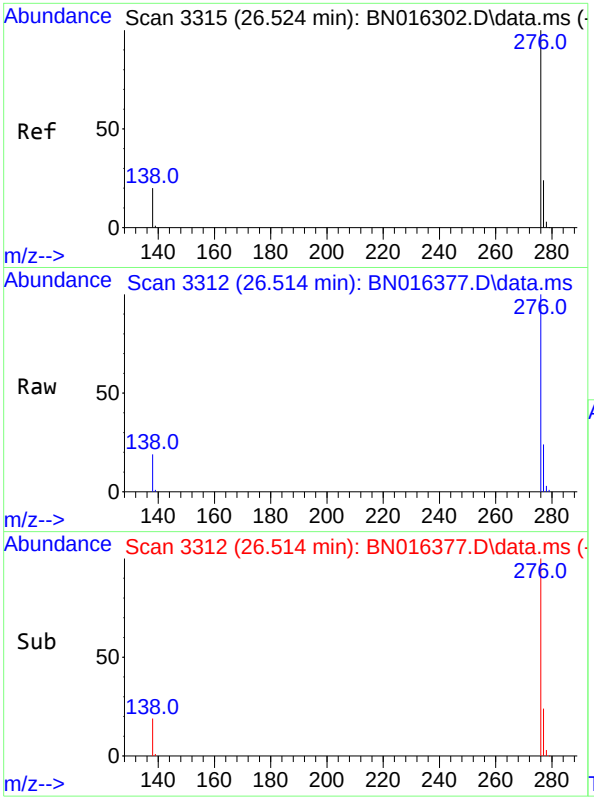


#40
Dibenzo(a,h)anthracene
Concen: 0.451 ng
RT: 25.836 min Scan# 3114
Delta R.T. -0.003 min
Lab File: BN016377.D
Acq: 21 Sep 2021 14:39

Tgt Ion:278 Resp: 89454

Ion	Ratio	Lower	Upper
278	100		
139	15.3	14.2	21.2
279	24.2	21.3	31.9

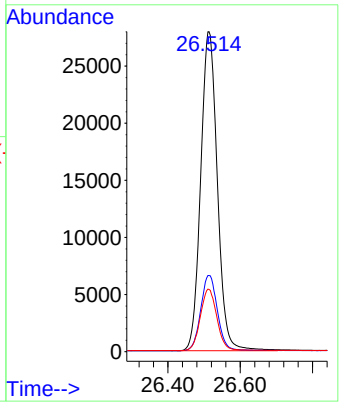




#41
Benzo(g,h,i)perylene
Concen: 0.453 ng
RT: 26.514 min Scan# 3312
Delta R.T. -0.007 min
Lab File: BN016377.D
Acq: 21 Sep 2021 14:39

Tgt Ion:276 Resp: 89448

Ion	Ratio	Lower	Upper
276	100		
277	23.8	20.5	30.7
138	19.4	18.2	27.4



Instrument :
BNA_N
ClientSampleId :
PB139215BSD