Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092521\
Data File : BN016541.D
Acq On : 27 Sep 2021 10:28
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Sep 27 11:02:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 24 03:35:41 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.670	152	7720	0.400	ng	0.00
7) Naphthalene-d8	10.432	136	20416	0.400	ng	#-0.01
13) Acenaphthene-d10	14.294	164	7488	0.400	ng	# 0.00
19) Phenanthrene-d10	17.042	188	18939	0.400	ng	0.00
29) Chrysene-d12	21.259	240	42368	0.400	ng	# 0.01
35) Perylene-d12	23.519	264	16906	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	872	0.050	ng	0.00
5) Phenol-d6	6.849	99	2840	0.139	ng	0.00
8) Nitrobenzene-d5	8.810	82	11860	0.821	ng	0.00
11) 2-Methylnaphthalene-d10	12.029	152	8731	0.289	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	1341	0.607	ng	0.00
15) 2-Fluorobiphenyl	12.911	172	14850	0.472	ng	-0.01
27) Fluoranthene-d10	19.088	212	30623	0.589	ng	0.00
31) Terphenyl-d14	19.698	244	28219	0.286	ng	0.00
Target Compounds						Qvalue
6) bis(2-Chloroethyl)ether	7.107	93	5085	0.246	ng	# 84
9) Naphthalene	10.483	128	21667	0.398	ng	99
10) Hexachlorobutadiene	10.774	225	11903	1.099	ng	# 98
12) 2-Methylnaphthalene	12.100	142	10585	0.307	ng	# 94
16) Acenaphthylene	14.002	152	14423	0.474	ng	100
17) Acenaphthene	14.357	154	9399	0.435	ng	# 61
18) Fluorene	15.347	166	12685	0.488	ng	94
20) 4,6-Dinitro-2-methylph...	15.436	198	40	0.166	ng	# 23
21) 4-Bromophenyl-phenylether	16.251	248	3694	0.334	ng	# 85
22) Hexachlorobenzene	16.348	284	8140	0.743	ng	# 89
23) Atrazine	16.518	200	2033	0.329	ng	# 93
24) Pentachlorophenol	16.701	266	2135	0.623	ng	99
25) Phenanthrene	17.090	178	23047	0.409	ng	98
26) Anthracene	17.176	178	17445	0.372	ng	98
28) Fluoranthene	19.117	202	41917	0.679	ng	99
30) Pyrene	19.480	202	35148	0.265	ng	98
32) Benzo(a)anthracene	21.238	228	44785	0.365	ng	99
33) Chrysene	21.291	228	53719	0.407	ng	98
34) Bis(2-ethylhexyl)phtha...	21.185	149	8334	0.249	ng	# 95
36) Indeno(1,2,3-cd)pyrene	25.815	276	14341	0.262	ng	100
37) Benzo(b)fluoranthene	22.837	252	38326	0.679	ng	98
38) Benzo(k)fluoranthene	22.882	252	37587	0.688	ng	97
39) Benzo(a)pyrene	23.419	252	20494	0.445	ng	96
40) Dibenzo(a,h)anthracene	25.836	278	12416	0.266	ng	98
41) Benzo(g,h,i)perylene	26.517	276	8574	0.179	ng	99

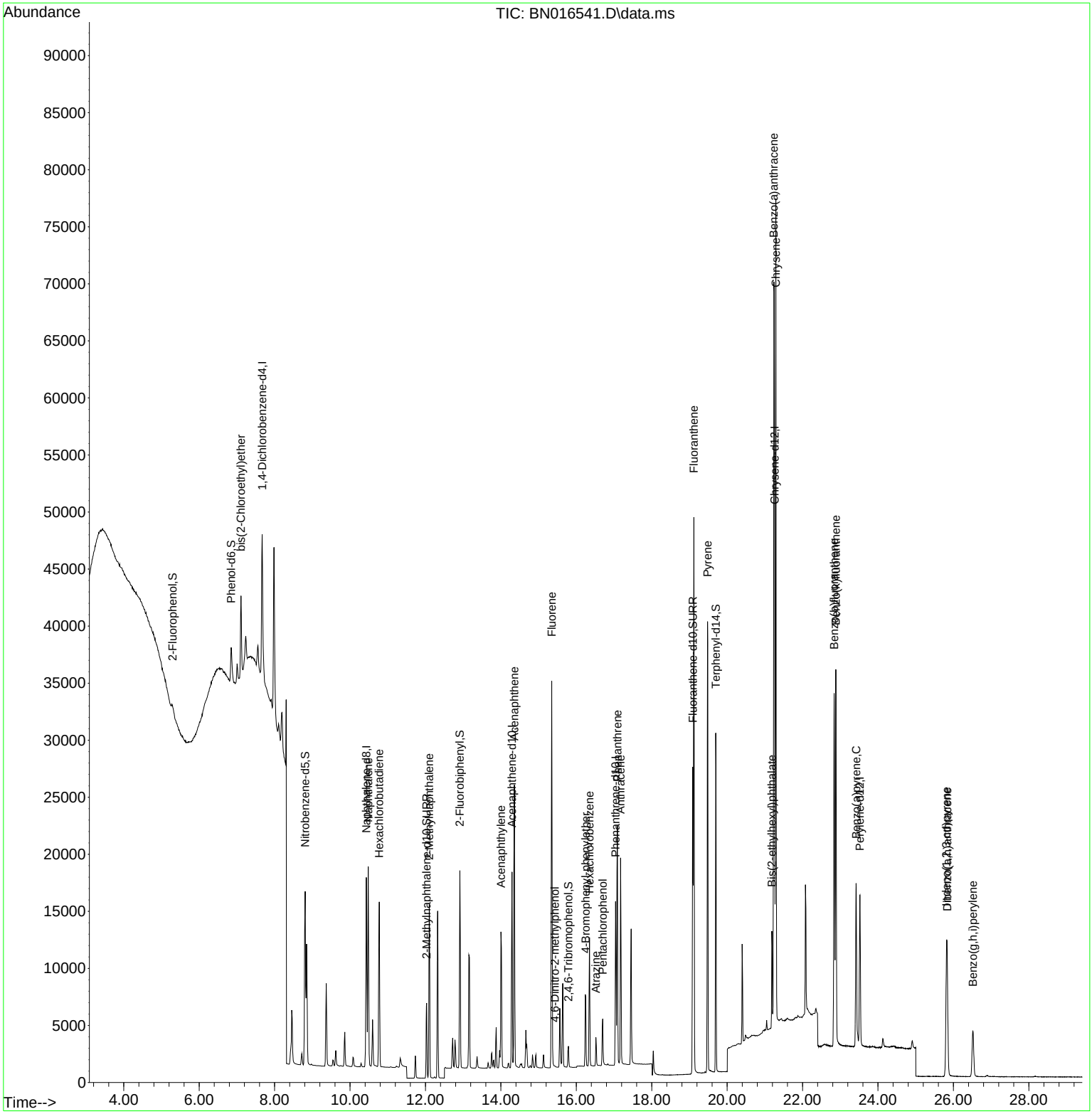
(#) = qualifier out of range (m) = manual integration (+) = signals summed

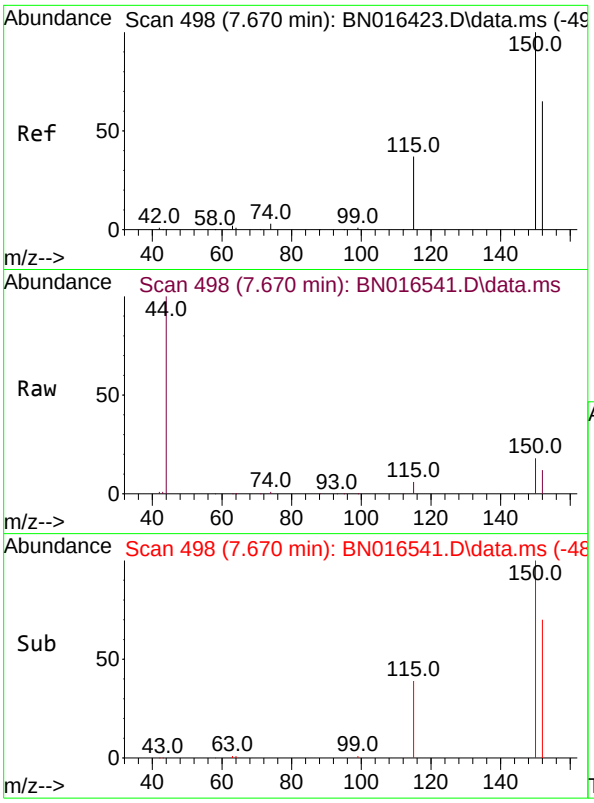
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092521\
Data File : BN016541.D
Acq On : 27 Sep 2021 10:28
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Sep 27 11:02:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 24 03:35:41 2021
Response via : Initial Calibration

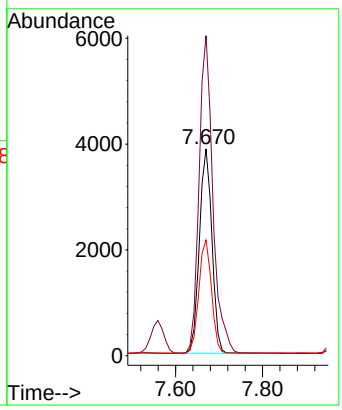




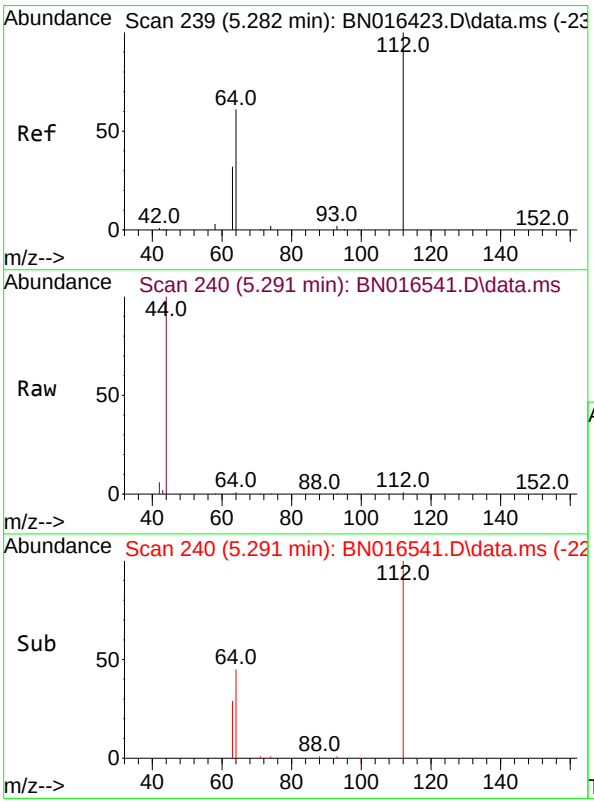
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.670 min Scan# 498
Delta R.T. -0.000 min
Lab File: BN016541.D
Acq: 27 Sep 2021 10:28

Tgt Ion:152 Resp: 7720

Ion	Ratio	Lower	Upper
152	100		
150	154.7	125.6	188.4
115	56.0	50.2	75.2



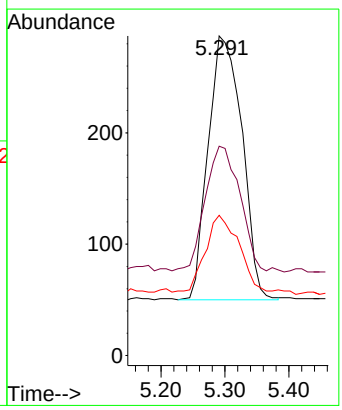
Instrument :
BNA_N
ClientSampleId :

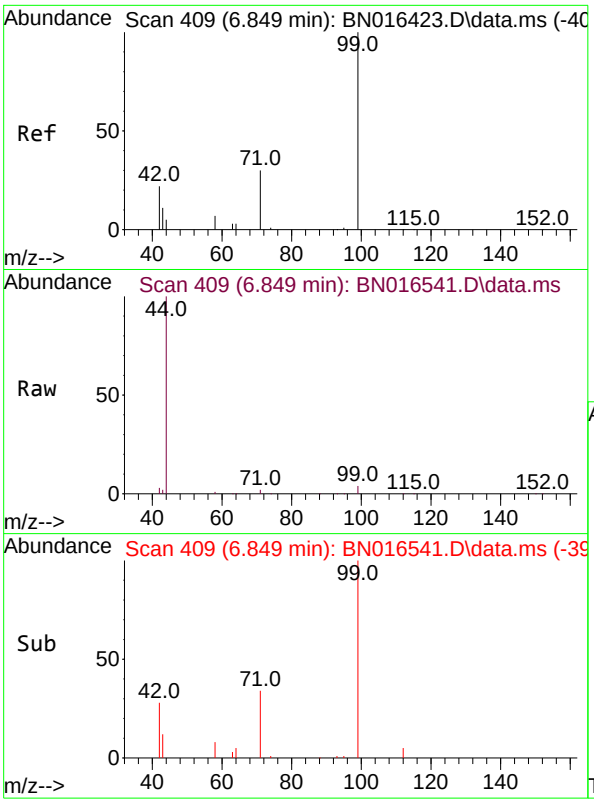


#4
2-Fluorophenol
Concen: 0.050 ng
RT: 5.291 min Scan# 240
Delta R.T. 0.009 min
Lab File: BN016541.D
Acq: 27 Sep 2021 10:28

Tgt Ion:112 Resp: 872

Ion	Ratio	Lower	Upper
112	100		
64	48.1	47.3	70.9
63	27.5	23.4	35.0

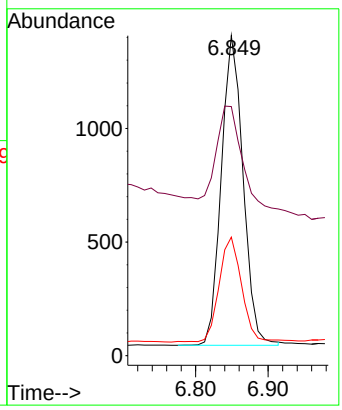




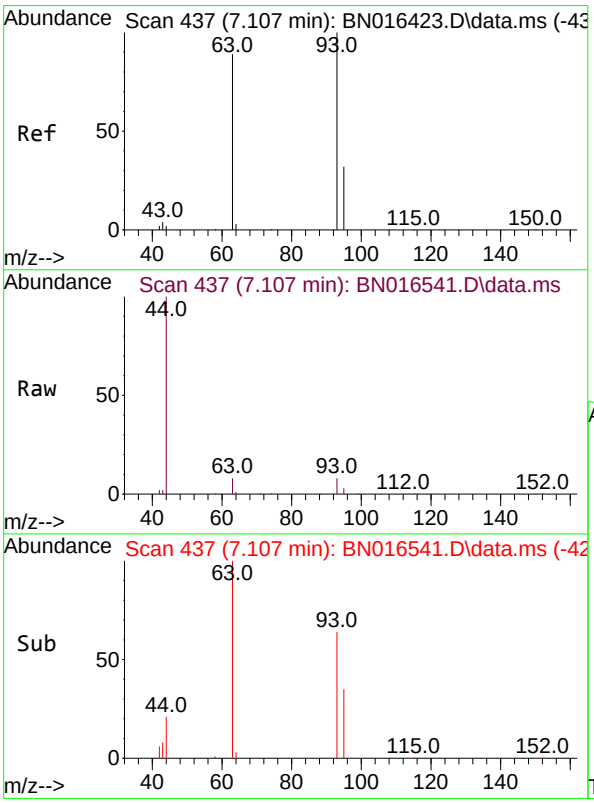
#5
Phenol-d6
Concen: 0.139 ng
RT: 6.849 min Scan# 409
Delta R.T. 0.000 min
Lab File: BN016541.D
Acq: 27 Sep 2021 10:28

Tgt Ion: 99 Resp: 2840

Ion	Ratio	Lower	Upper
99	100		
42	38.8	14.0	21.0#
71	35.0	23.8	35.6



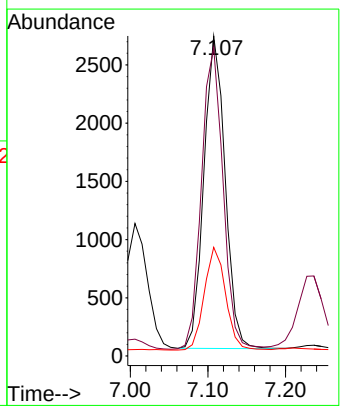
Instrument :
BNA_N
ClientSampleId :



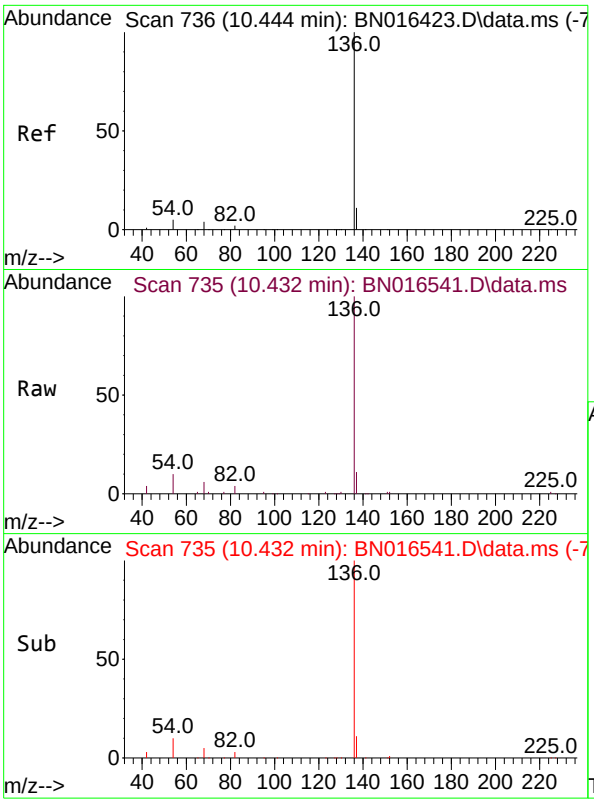
#6
bis(2-Chloroethyl)ether
Concen: 0.246 ng
RT: 7.107 min Scan# 437
Delta R.T. 0.000 min
Lab File: BN016541.D
Acq: 27 Sep 2021 10:28

Tgt Ion: 93 Resp: 5085

Ion	Ratio	Lower	Upper
93	100		
63	98.4	63.4	95.0#
95	33.1	26.8	40.2



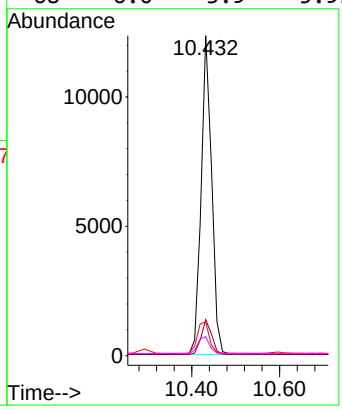
Instrument :
BNA_N
ClientSampleId :

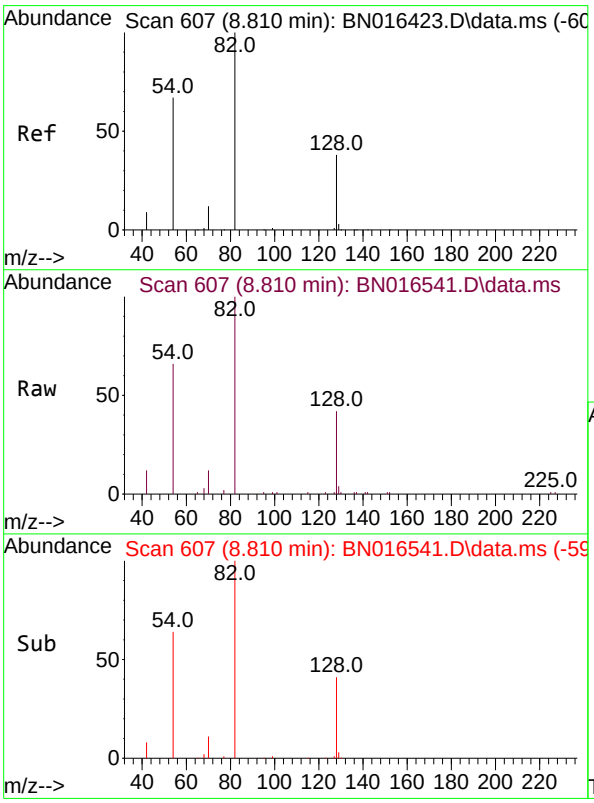


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.432 min Scan# 735
Delta R.T. -0.013 min
Lab File: BN016541.D
Acq: 27 Sep 2021 10:28

Tgt Ion:136 Resp: 20416

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	10.5	5.3	7.9#
68	6.0	3.9	5.9#

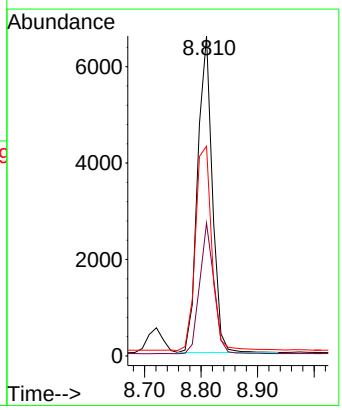


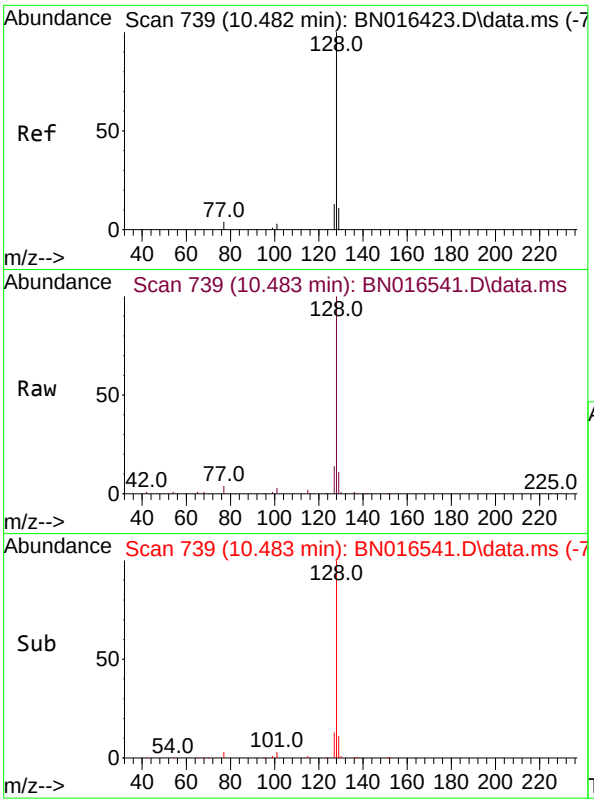


#8
Nitrobenzene-d5
Concen: 0.821 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN016541.D
Acq: 27 Sep 2021 10:28

Tgt Ion: 82 Resp: 11860

Ion	Ratio	Lower	Upper
82	100		
128	41.6	31.7	47.5
54	65.6	46.4	69.6

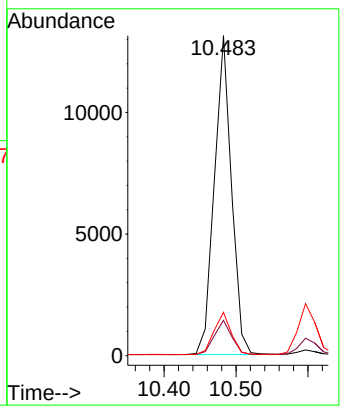




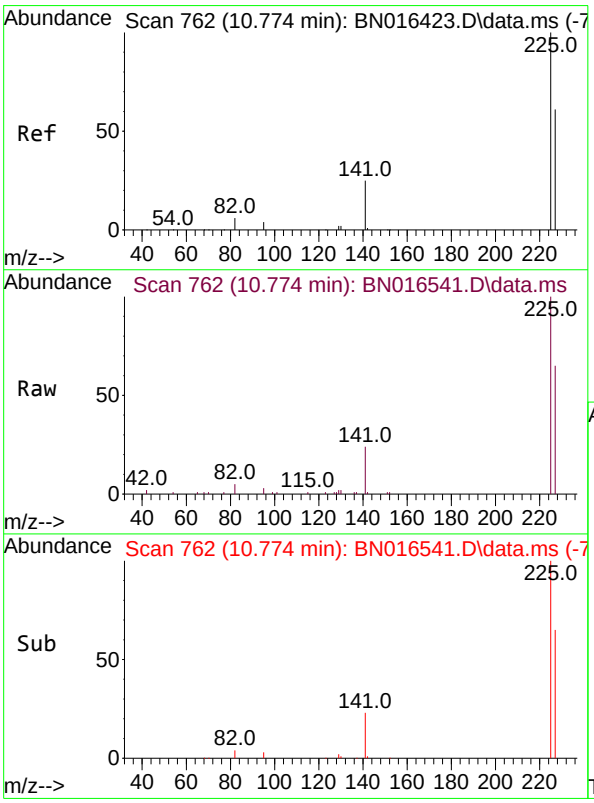
#9
Naphthalene
Concen: 0.398 ng
RT: 10.483 min Scan# 739
Delta R.T. 0.000 min
Lab File: BN016541.D
Acq: 27 Sep 2021 10:28

Tgt Ion:128 Resp: 21667

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	13.6	10.1	15.1



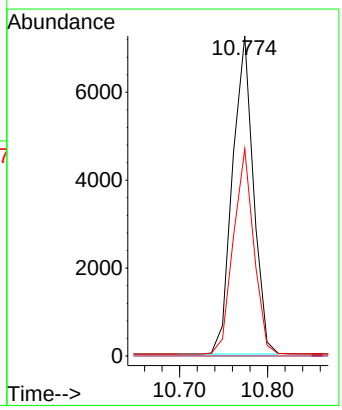
Instrument :
BNA_N
ClientSampleId :

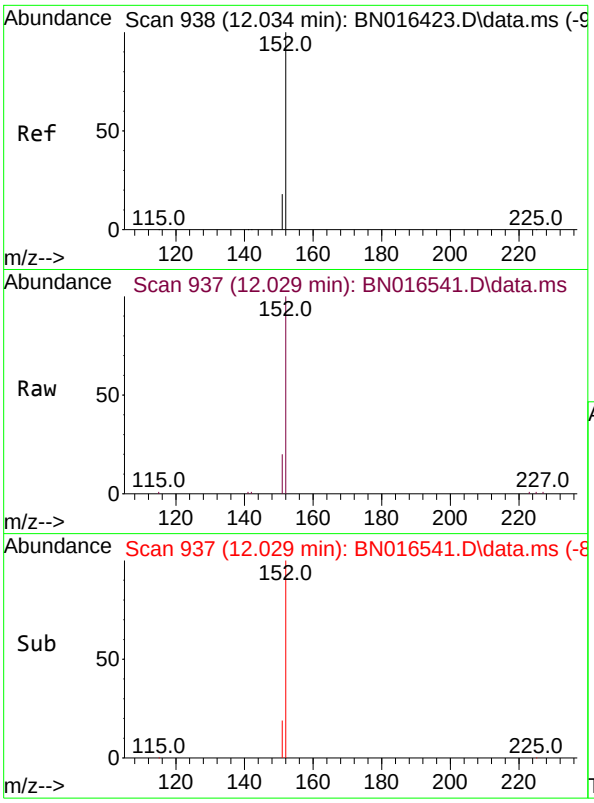


#10
Hexachlorobutadiene
Concen: 1.099 ng
RT: 10.774 min Scan# 762
Delta R.T. 0.000 min
Lab File: BN016541.D
Acq: 27 Sep 2021 10:28

Tgt Ion:225 Resp: 11903

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.1	51.5	77.3

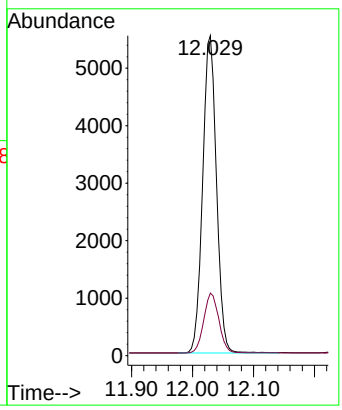




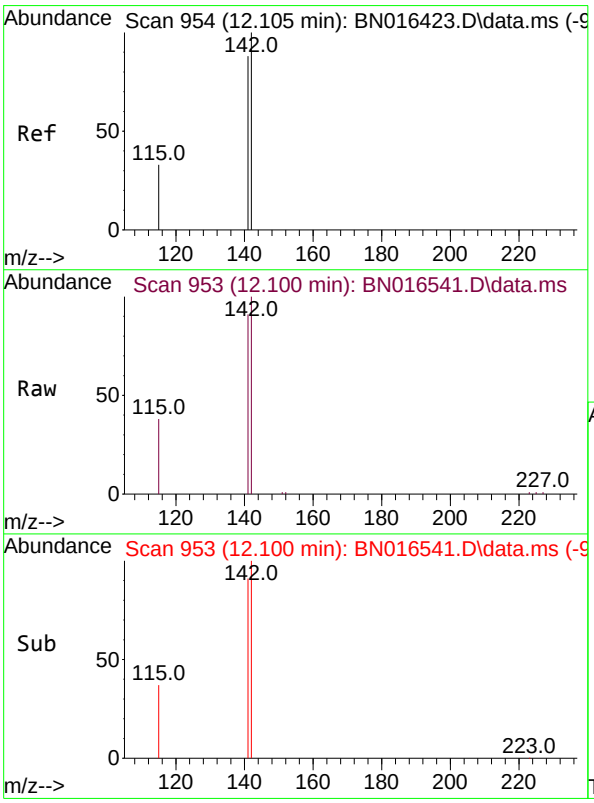
#11
2-Methylnaphthalene-d10
Concen: 0.289 ng
RT: 12.029 min Scan# 937
Delta R.T. -0.004 min
Lab File: BN016541.D
Acq: 27 Sep 2021 10:28

Tgt Ion:152 Resp: 8731

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.1	24.1



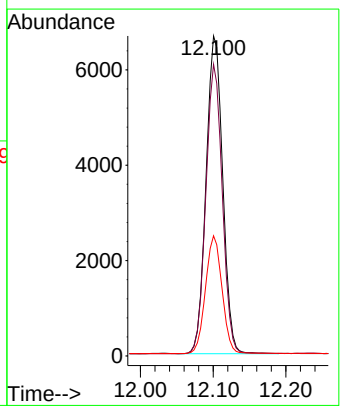
Instrument :
BNA_N
ClientSampleId :

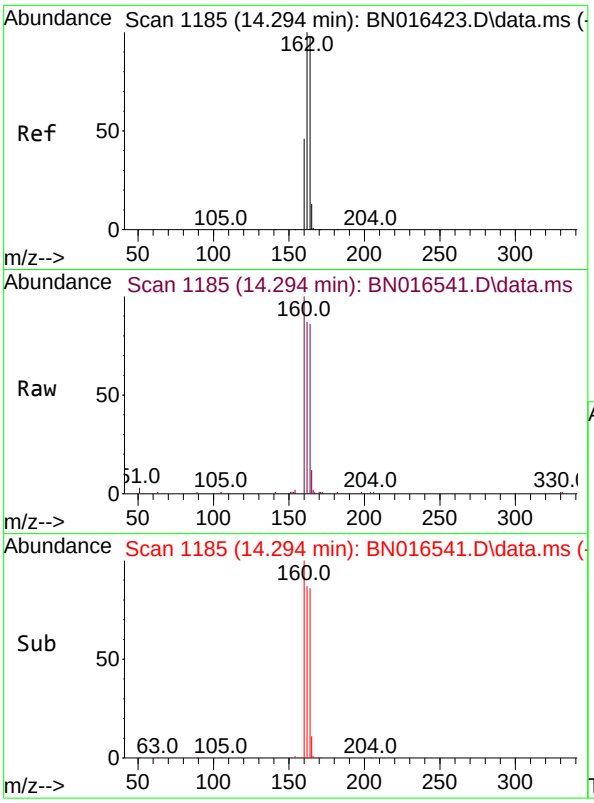


#12
2-Methylnaphthalene
Concen: 0.307 ng
RT: 12.100 min Scan# 953
Delta R.T. -0.004 min
Lab File: BN016541.D
Acq: 27 Sep 2021 10:28

Tgt Ion:142 Resp: 10585

Ion	Ratio	Lower	Upper
142	100		
141	91.2	69.8	104.8
115	37.5	24.4	36.6#

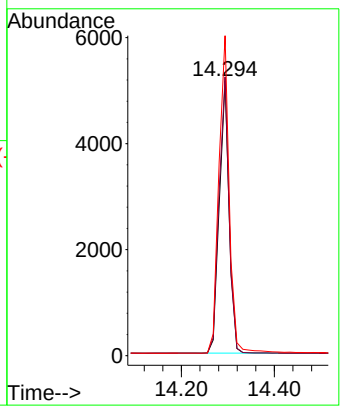




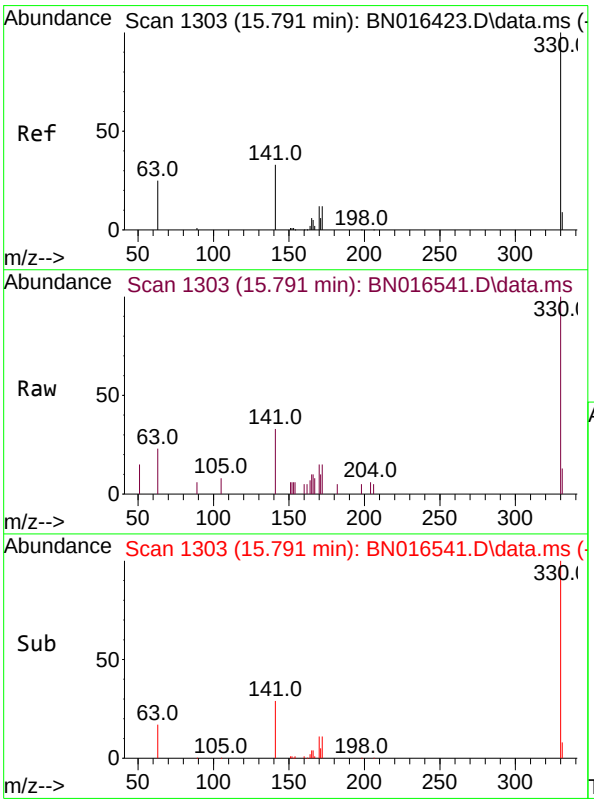
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. -0.000 min
Lab File: BN016541.D
Acq: 27 Sep 2021 10:28

Tgt Ion:164 Resp: 7488

Ion	Ratio	Lower	Upper
164	100		
162	101.6	79.0	118.4
160	116.6	34.1	51.1#



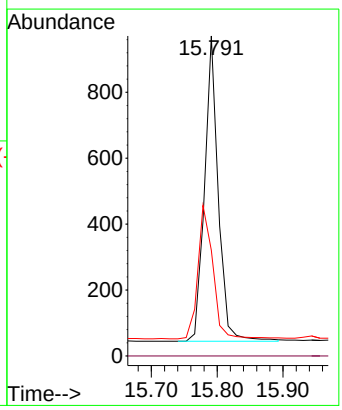
Instrument :
BNA_N
ClientSampleId :



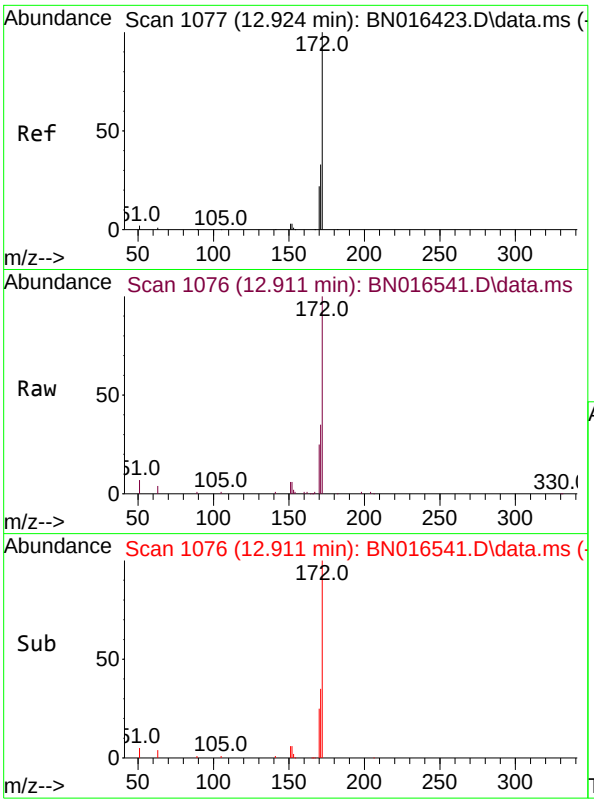
#14
2,4,6-Tribromophenol
Concen: 0.607 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016541.D
Acq: 27 Sep 2021 10:28

Tgt Ion:330 Resp: 1341

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	47.9	25.0	37.4#



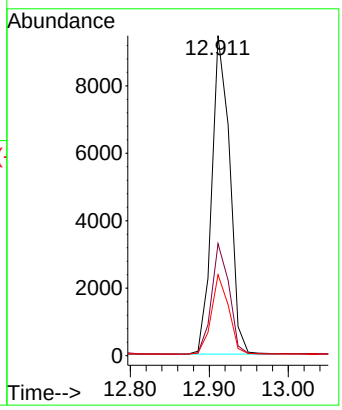
Instrument :
BNA_N
ClientSampleId :

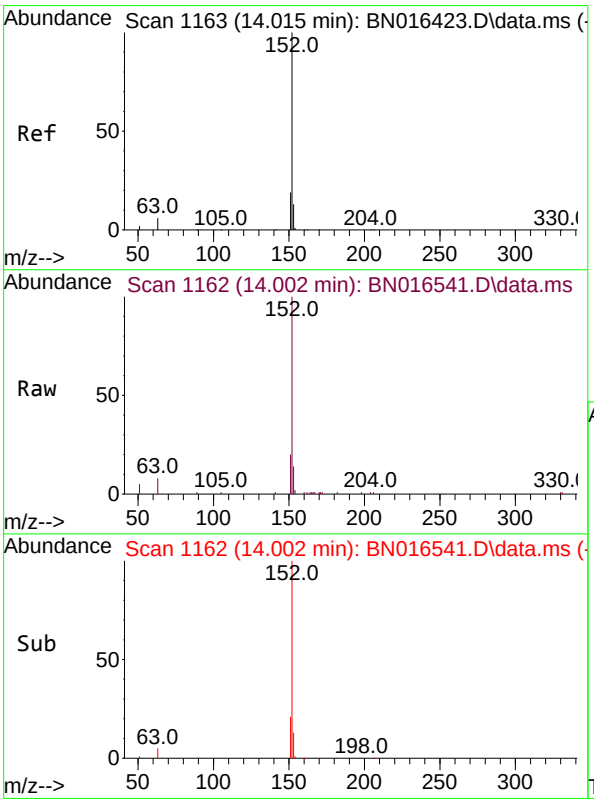


#15
2-Fluorobiphenyl
Concen: 0.472 ng
RT: 12.911 min Scan# 1076
Delta R.T. -0.013 min
Lab File: BN016541.D
Acq: 27 Sep 2021 10:28

Tgt Ion:172 Resp: 14850

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.8	41.6
170	25.3	18.2	27.2

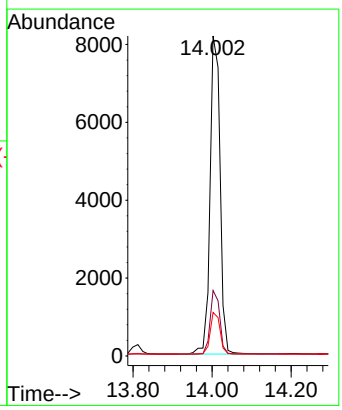


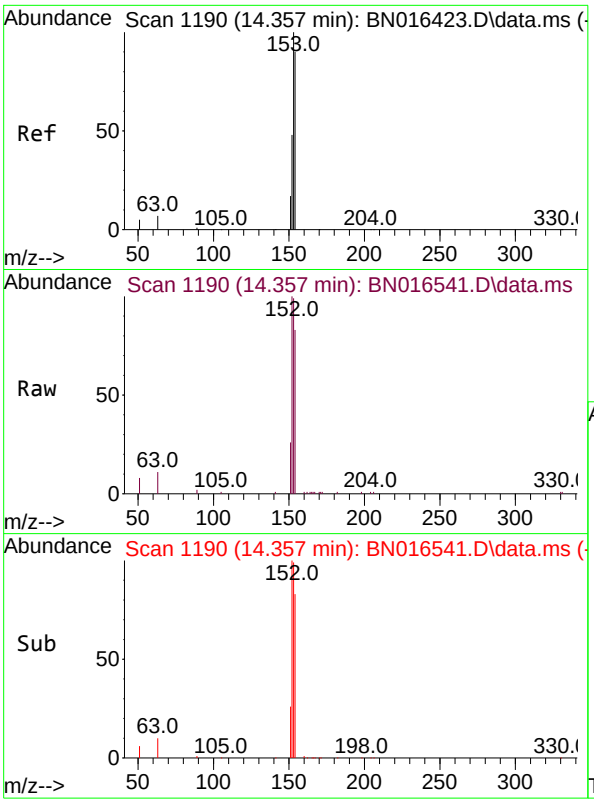


#16
Acenaphthylene
Concen: 0.474 ng
RT: 14.002 min Scan# 1162
Delta R.T. -0.013 min
Lab File: BN016541.D
Acq: 27 Sep 2021 10:28

Tgt Ion:152 Resp: 14423

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.2	22.8
153	12.9	10.5	15.7

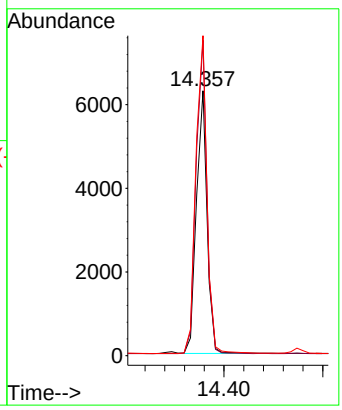




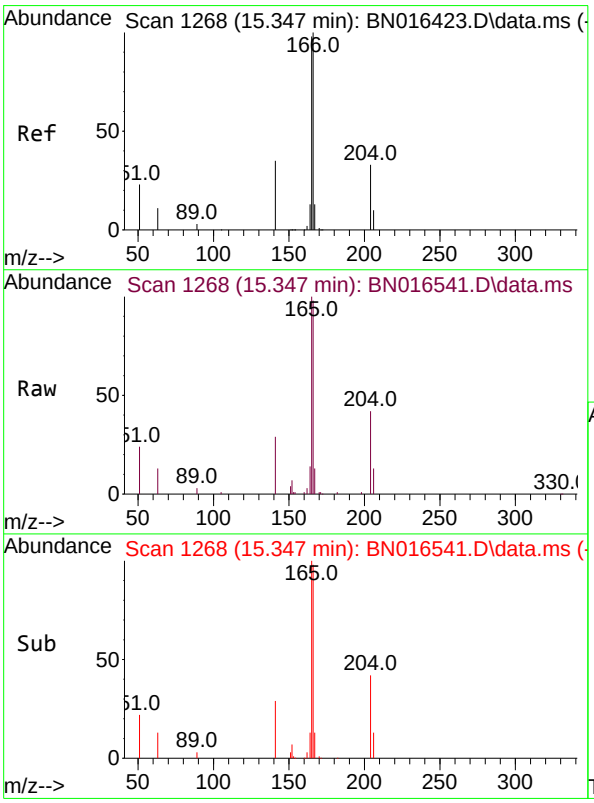
#17
Acenaphthene
Concen: 0.435 ng
RT: 14.357 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BN016541.D
Acq: 27 Sep 2021 10:28

Tgt Ion:154 Resp: 9399

Ion	Ratio	Lower	Upper
154	100		
153	121.1	89.3	133.9
152	126.4	42.2	63.4#



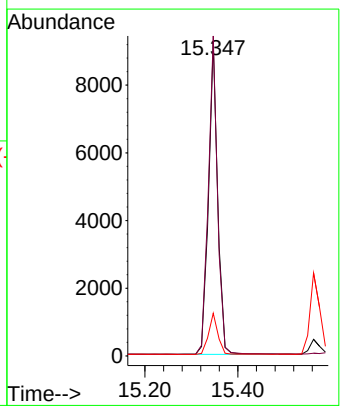
Instrument :
BNA_N
ClientSampleId :

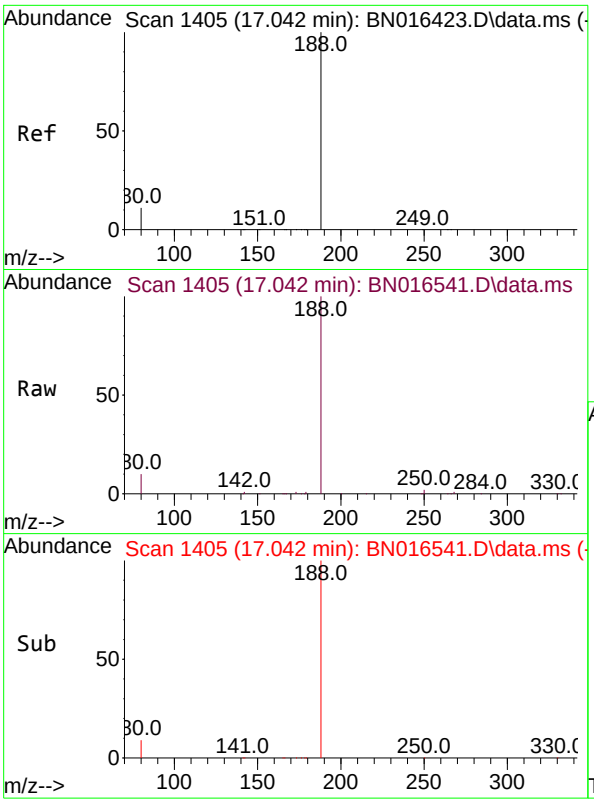


#18
Fluorene
Concen: 0.488 ng
RT: 15.347 min Scan# 1268
Delta R.T. 0.000 min
Lab File: BN016541.D
Acq: 27 Sep 2021 10:28

Tgt Ion:166 Resp: 12685

Ion	Ratio	Lower	Upper
166	100		
165	102.4	76.7	115.1
167	13.3	10.9	16.3

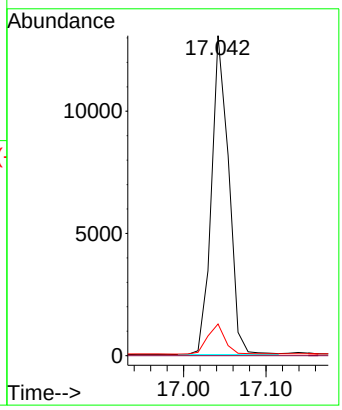




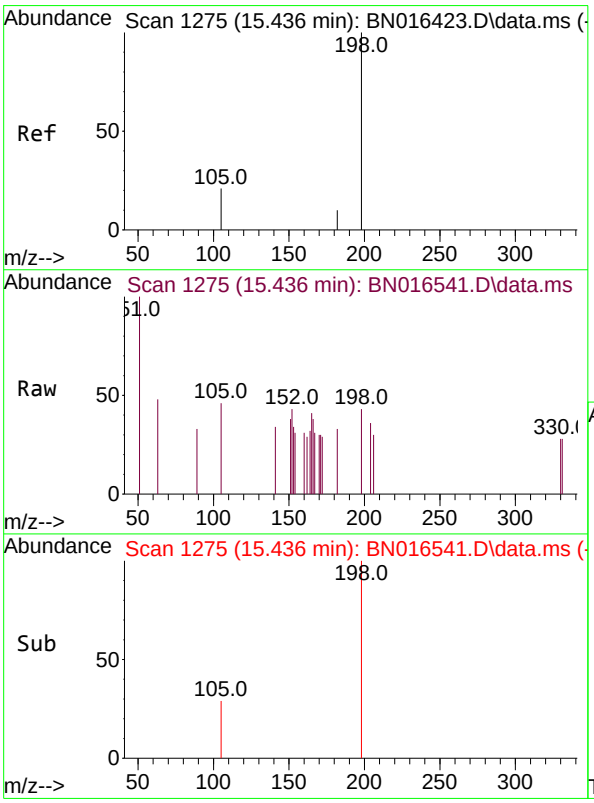
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN016541.D
Acq: 27 Sep 2021 10:28

Tgt Ion:188 Resp: 18939

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.9	7.0	10.6



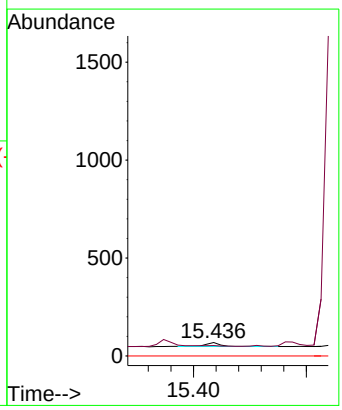
Instrument :
BNA_N
ClientSampleId :



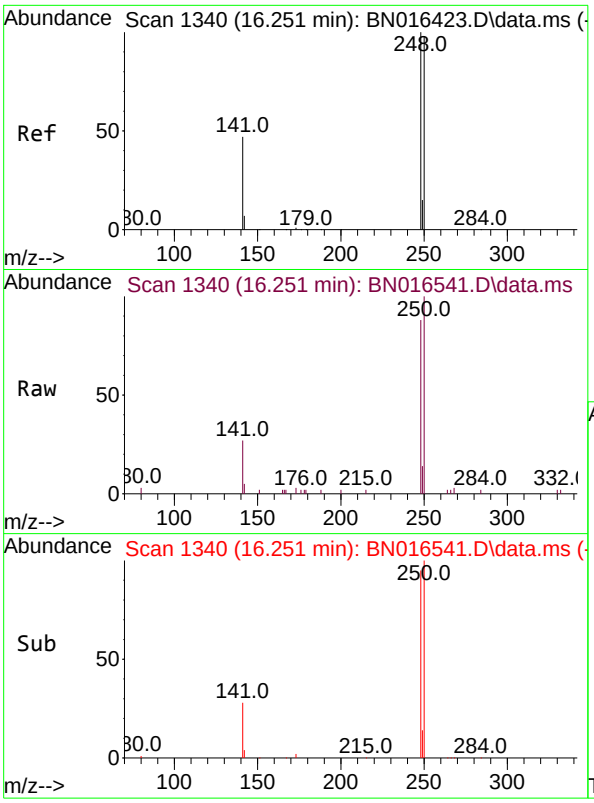
#20
4,6-Dinitro-2-methylphenol
Concen: 0.166 ng
RT: 15.436 min Scan# 1275
Delta R.T. -0.000 min
Lab File: BN016541.D
Acq: 27 Sep 2021 10:28

Tgt Ion:198 Resp: 40

Ion	Ratio	Lower	Upper
198	100		
182	76.8	26.6	39.8#
77	0.0	0.0	0.0



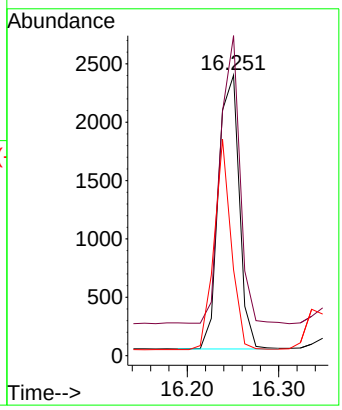
Instrument :
BNA_N
ClientSampleId :

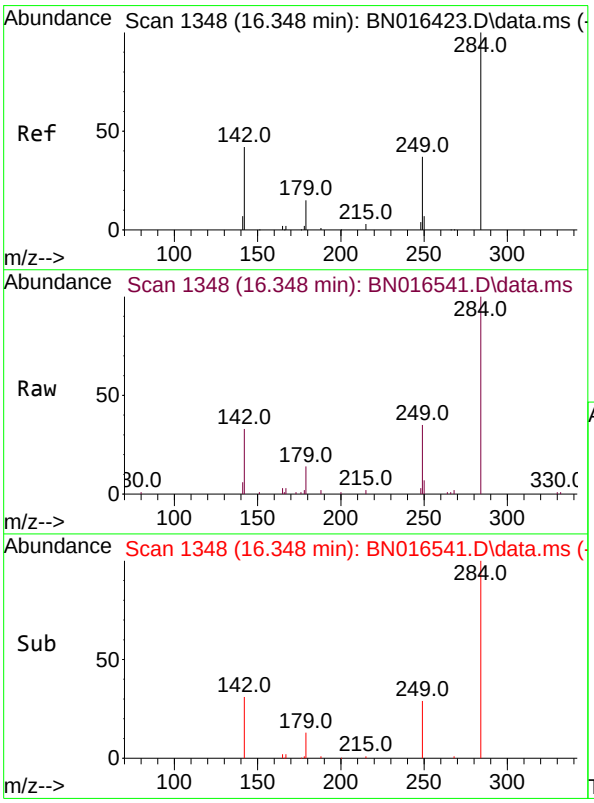


#21
4-Bromophenyl-phenylether
Concen: 0.334 ng
RT: 16.251 min Scan# 1340
Delta R.T. 0.000 min
Lab File: BN016541.D
Acq: 27 Sep 2021 10:28

Tgt Ion:248 Resp: 3694

Ion	Ratio	Lower	Upper
248	100		
250	114.1	80.5	120.7
141	30.6	34.8	52.2#

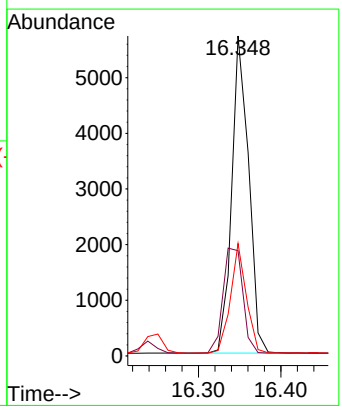




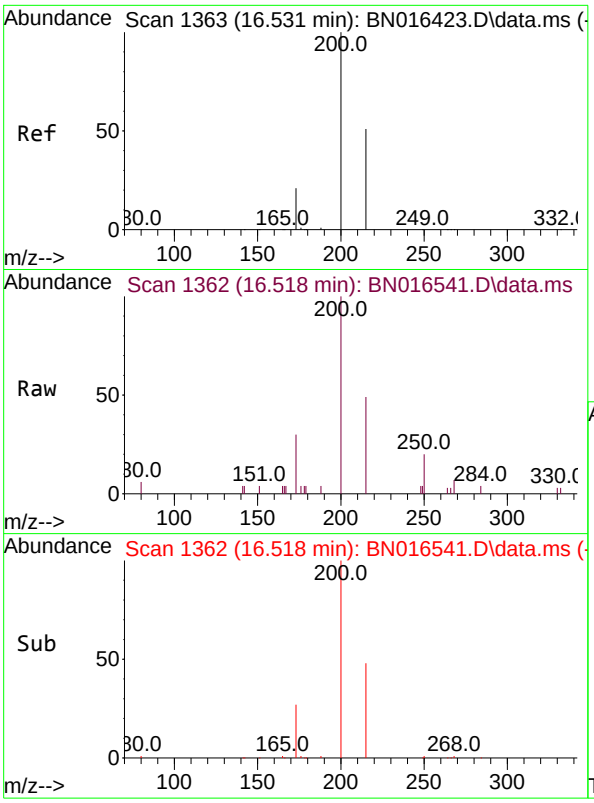
#22
Hexachlorobenzene
Concen: 0.743 ng
RT: 16.348 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BN016541.D
Acq: 27 Sep 2021 10:28

Tgt Ion:284 Resp: 8140

Ion	Ratio	Lower	Upper
284	100		
142	38.9	22.6	34.0#
249	32.3	24.4	36.6



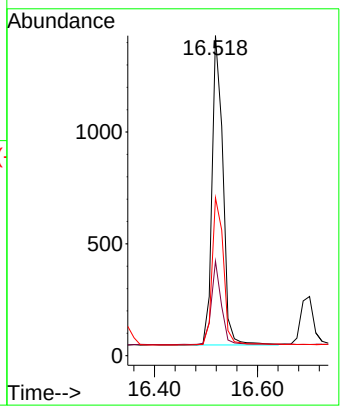
Instrument :
BNA_N
ClientSampleId :

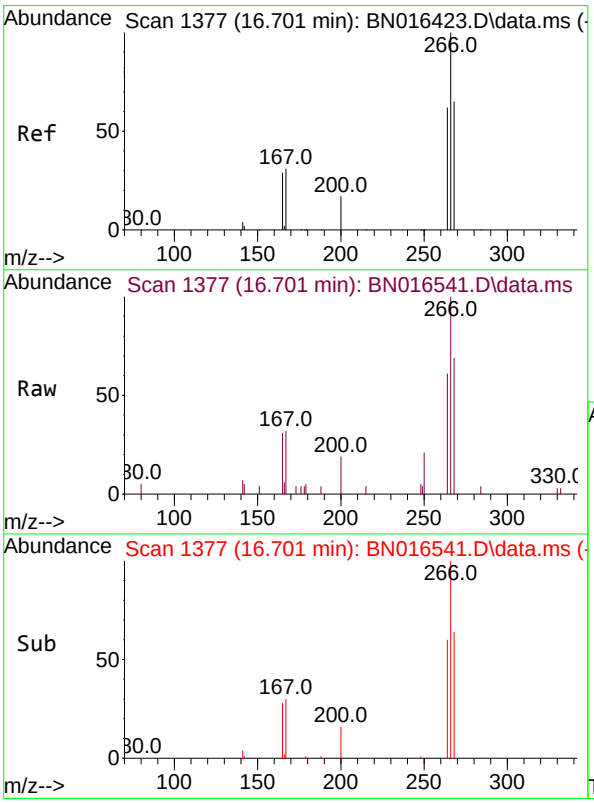


#23
Atrazine
Concen: 0.329 ng
RT: 16.518 min Scan# 1362
Delta R.T. -0.013 min
Lab File: BN016541.D
Acq: 27 Sep 2021 10:28

Tgt Ion:200 Resp: 2033

Ion	Ratio	Lower	Upper
200	100		
173	29.6	18.7	28.1#
215	49.3	41.6	62.4

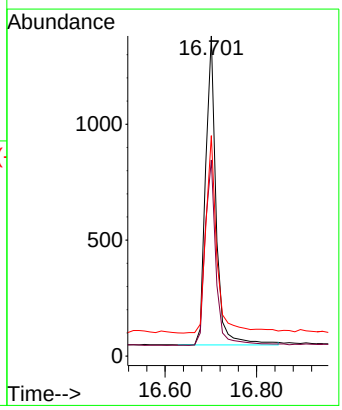




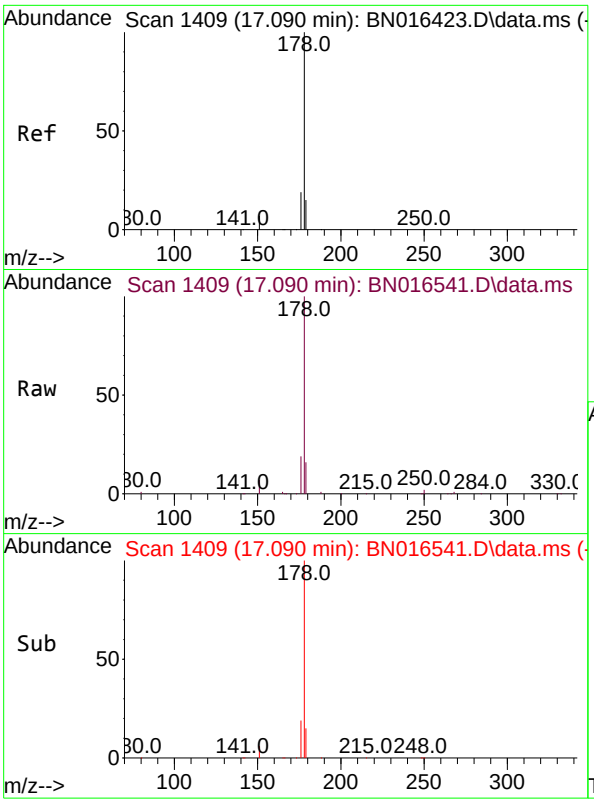
#24
Pentachlorophenol
Concen: 0.623 ng
RT: 16.701 min Scan# 1377
Delta R.T. -0.000 min
Lab File: BN016541.D
Acq: 27 Sep 2021 10:28

Tgt Ion:266 Resp: 2135

Ion	Ratio	Lower	Upper
266	100		
264	62.2	50.6	75.8
268	66.9	52.6	79.0



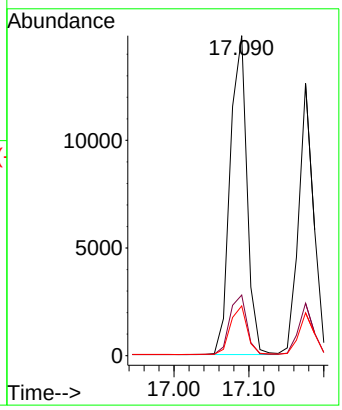
Instrument :
BNA_N
ClientSampleId :

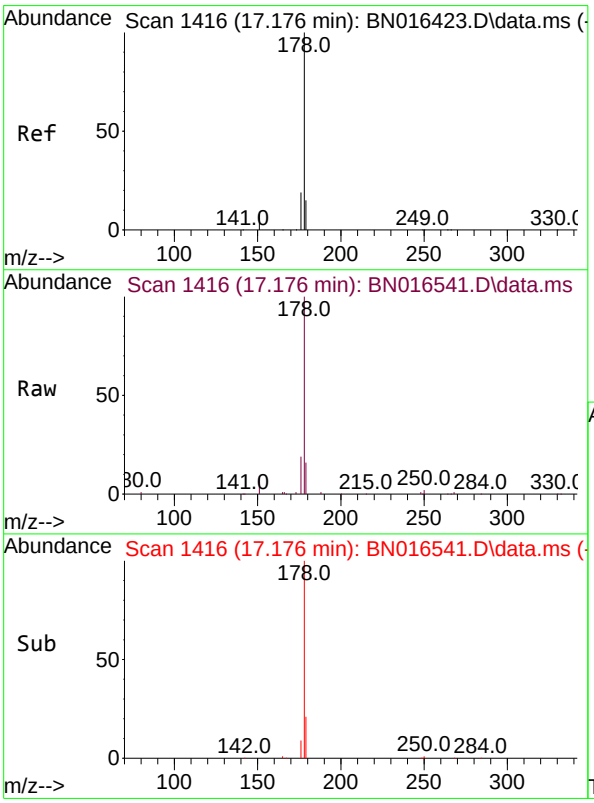


#25
Phenanthrene
Concen: 0.409 ng
RT: 17.090 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BN016541.D
Acq: 27 Sep 2021 10:28

Tgt Ion:178 Resp: 23047

Ion	Ratio	Lower	Upper
178	100		
176	19.3	14.4	21.6
179	15.4	12.2	18.4

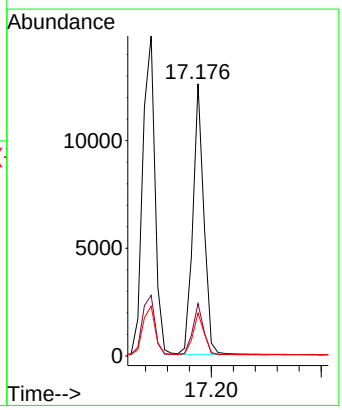


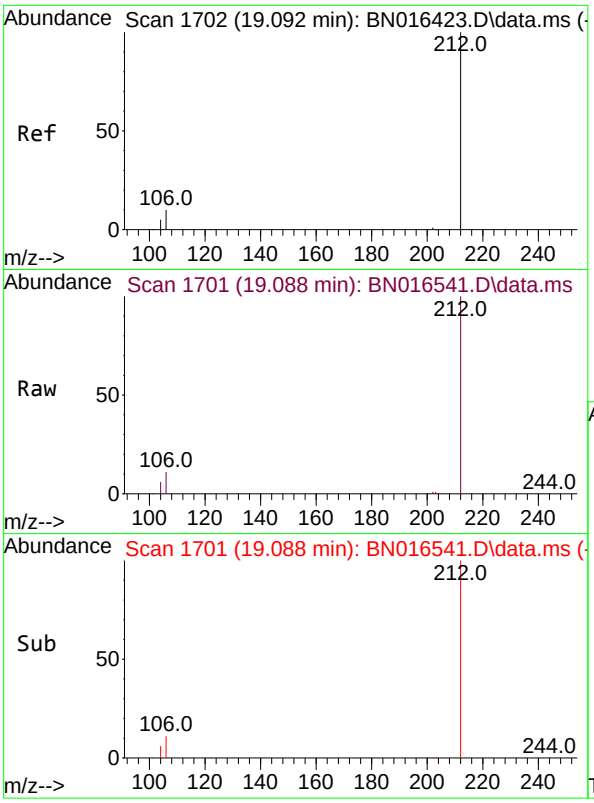


#26
Anthracene
Concen: 0.372 ng
RT: 17.176 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BN016541.D
Acq: 27 Sep 2021 10:28

Tgt Ion:178 Resp: 17445

Ion	Ratio	Lower	Upper
178	100		
176	18.8	13.9	20.9
179	15.5	12.2	18.4

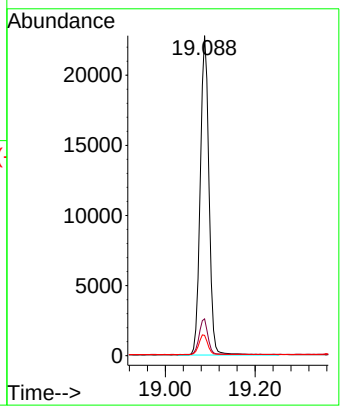




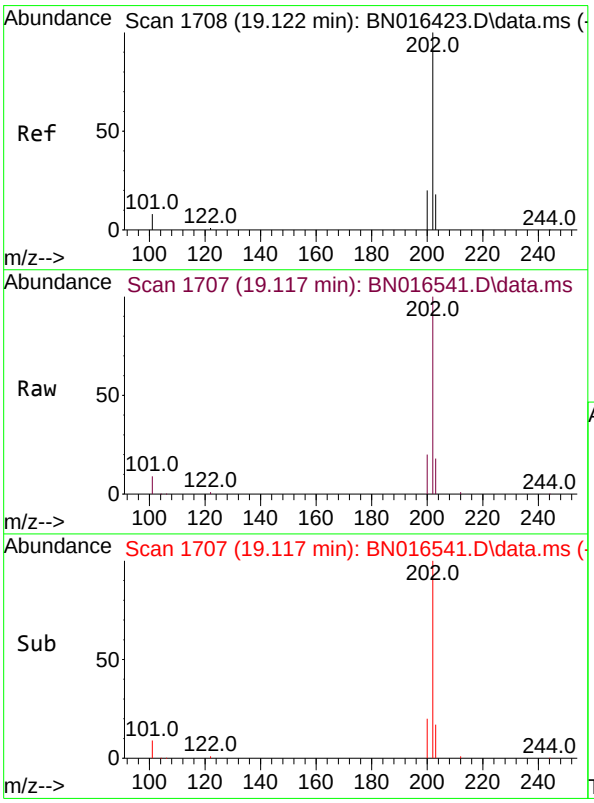
#27
Fluoranthene-d10
Concen: 0.589 ng
RT: 19.088 min Scan# 1701
Delta R.T. -0.005 min
Lab File: BN016541.D
Acq: 27 Sep 2021 10:28

Tgt Ion:212 Resp: 30623

Ion	Ratio	Lower	Upper
212	100		
106	11.4	9.8	14.6
104	6.4	5.4	8.2



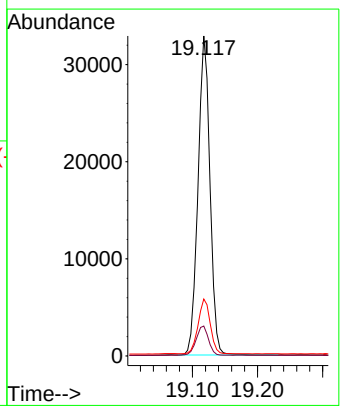
Instrument :
BNA_N
ClientSampleId :

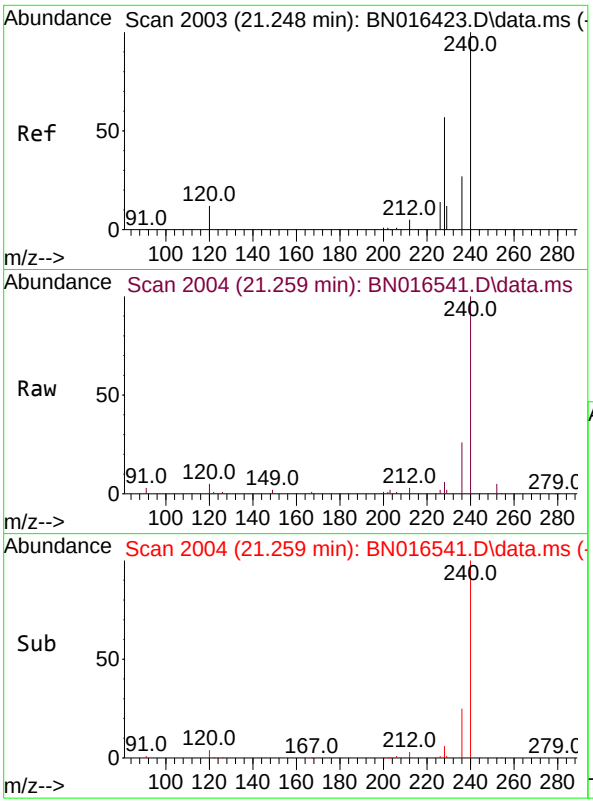


#28
Fluoranthene
Concen: 0.679 ng
RT: 19.117 min Scan# 1707
Delta R.T. -0.005 min
Lab File: BN016541.D
Acq: 27 Sep 2021 10:28

Tgt Ion:202 Resp: 41917

Ion	Ratio	Lower	Upper
202	100		
101	9.6	8.5	12.7
203	17.5	13.8	20.8

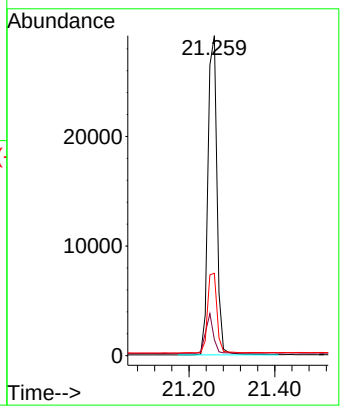




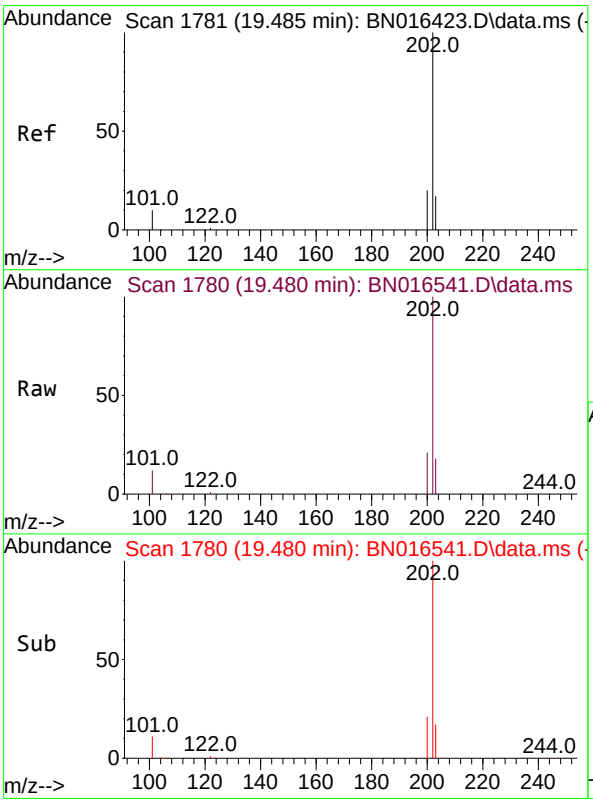
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.259 min Scan# 2004
Delta R.T. 0.011 min
Lab File: BN016541.D
Acq: 27 Sep 2021 10:28

Tgt Ion:240 Resp: 42368

Ion	Ratio	Lower	Upper
240	100		
120	5.0	5.3	7.9#
236	25.7	19.8	29.8



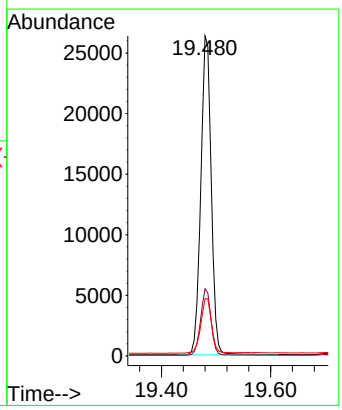
Instrument :
BNA_N
ClientSampleId :

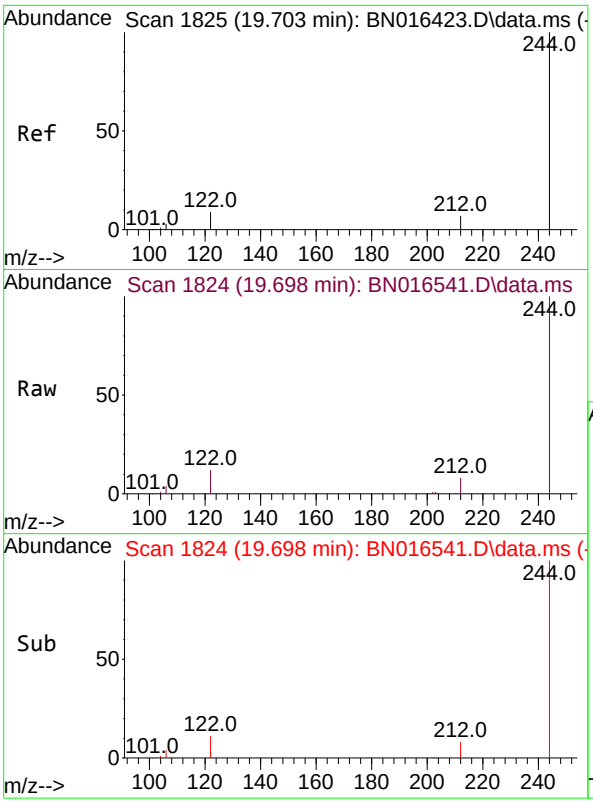


#30
Pyrene
Concen: 0.265 ng
RT: 19.480 min Scan# 1780
Delta R.T. -0.005 min
Lab File: BN016541.D
Acq: 27 Sep 2021 10:28

Tgt Ion:202 Resp: 35148

Ion	Ratio	Lower	Upper
202	100		
200	20.7	15.8	23.6
203	17.8	13.9	20.9

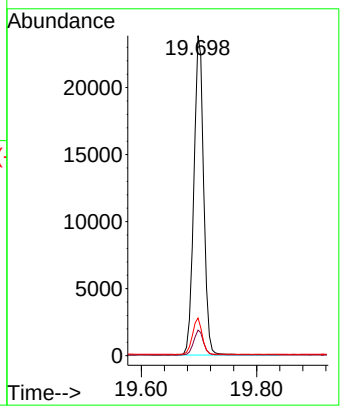




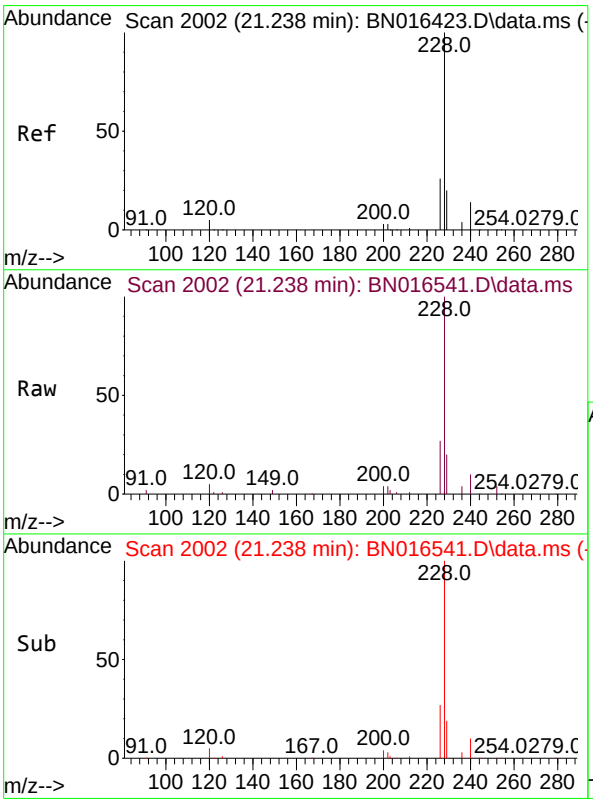
#31
Terphenyl-d14
Concen: 0.286 ng
RT: 19.698 min Scan# 1824
Delta R.T. -0.005 min
Lab File: BN016541.D
Acq: 27 Sep 2021 10:28

Tgt Ion:244 Resp: 28219

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.5	8.3
122	11.7	9.0	13.4



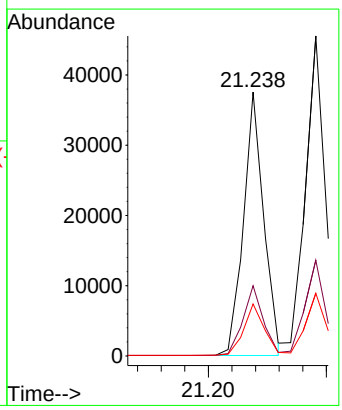
Instrument :
BNA_N
ClientSampleId :



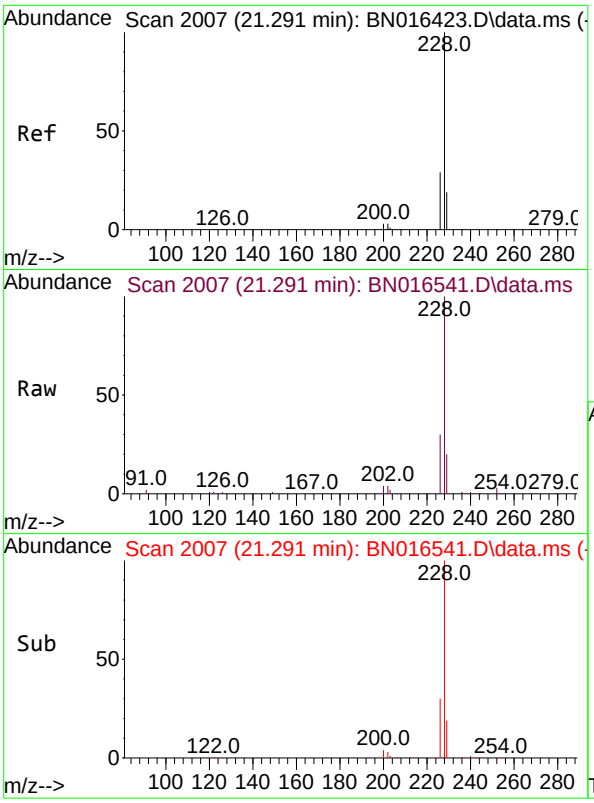
#32
Benzo(a)anthracene
Concen: 0.365 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016541.D
Acq: 27 Sep 2021 10:28

Tgt Ion:228 Resp: 44785

Ion	Ratio	Lower	Upper
228	100		
226	26.7	20.8	31.2
229	19.7	15.8	23.6



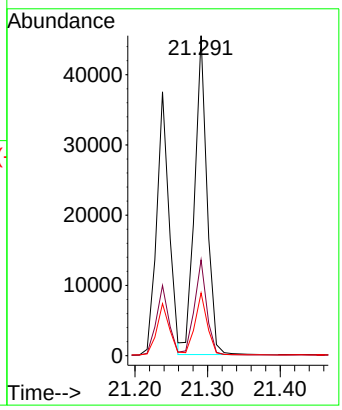
Instrument :
BNA_N
ClientSampleId :

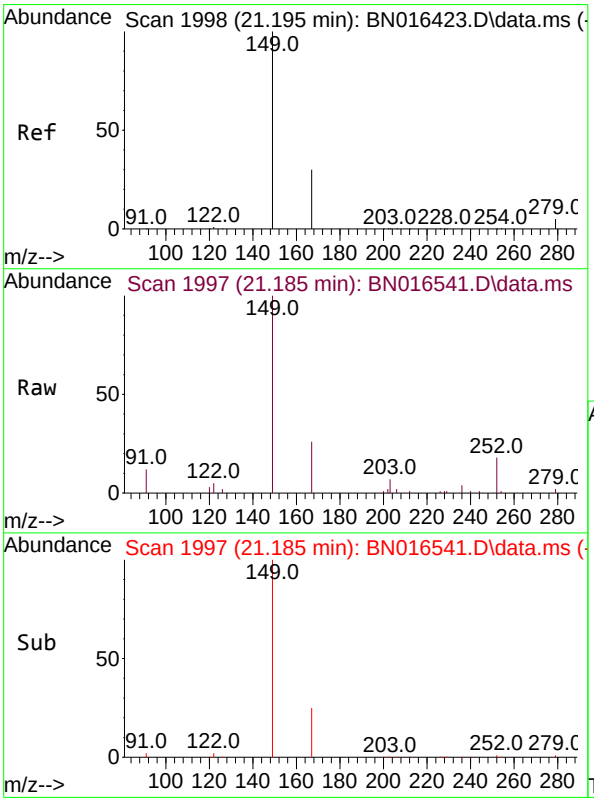


#33
Chrysene
Concen: 0.407 ng
RT: 21.291 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BN016541.D
Acq: 27 Sep 2021 10:28

Tgt Ion:228 Resp: 53719

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.0	34.4
229	19.6	15.6	23.4

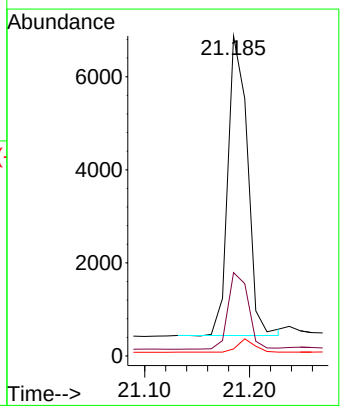


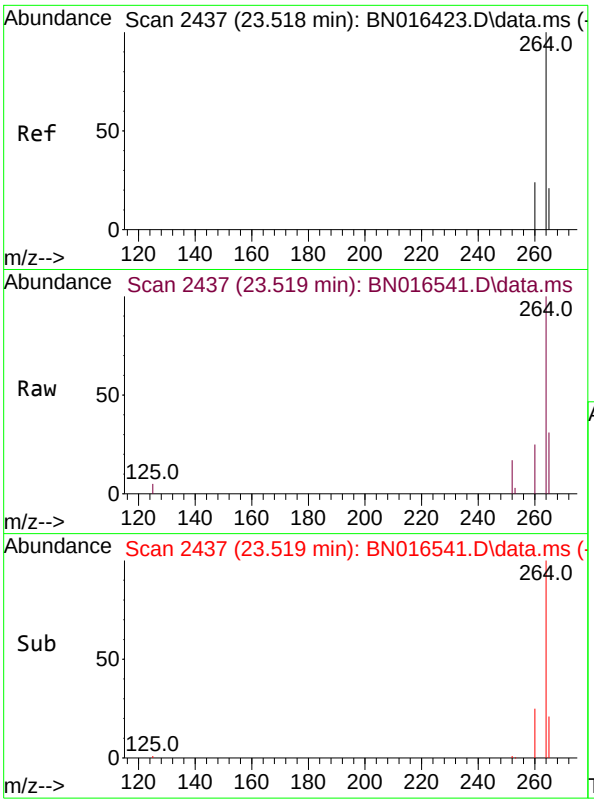


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.249 ng
RT: 21.185 min Scan# 1997
Delta R.T. -0.011 min
Lab File: BN016541.D
Acq: 27 Sep 2021 10:28

Tgt Ion:149 Resp: 8334

Ion	Ratio	Lower	Upper
149	100		
167	26.6	23.4	35.0
279	3.8	3.9	5.9#

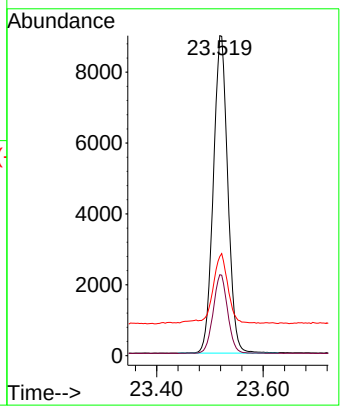




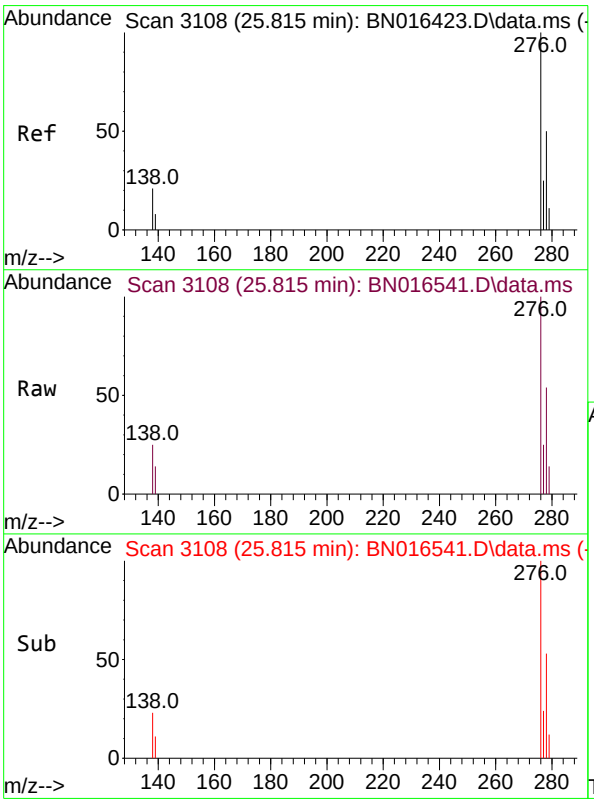
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.519 min Scan# 2437
Delta R.T. 0.000 min
Lab File: BN016541.D
Acq: 27 Sep 2021 10:28

Tgt Ion:264 Resp: 16906

Ion	Ratio	Lower	Upper
264	100		
260	25.3	18.9	28.3
265	31.0	23.7	35.5



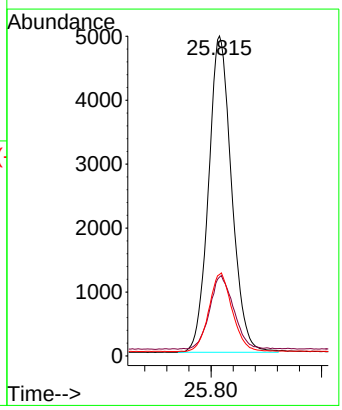
Instrument :
BNA_N
ClientSampleId :

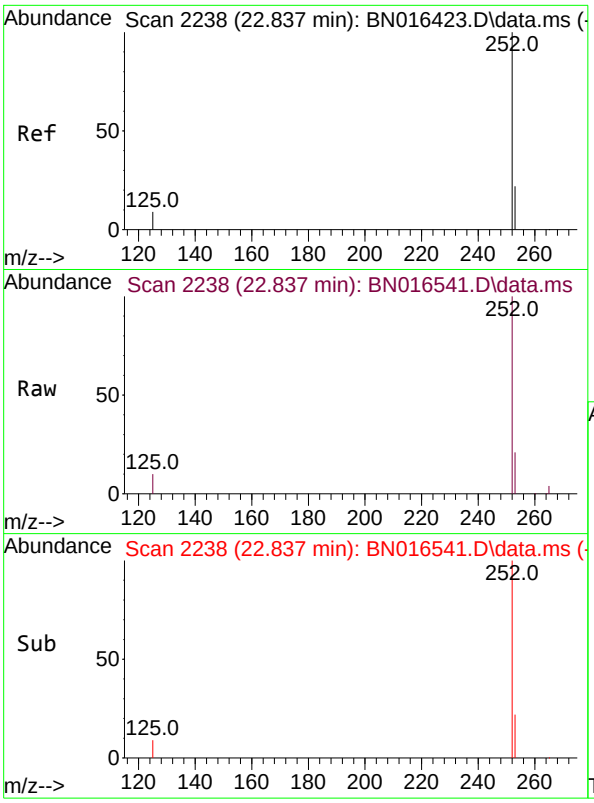


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.262 ng
RT: 25.815 min Scan# 3108
Delta R.T. 0.000 min
Lab File: BN016541.D
Acq: 27 Sep 2021 10:28

Tgt Ion:276 Resp: 14341

Ion	Ratio	Lower	Upper
276	100		
138	23.8	19.3	28.9
277	25.1	20.2	30.2

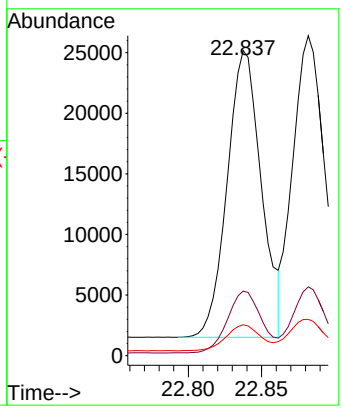




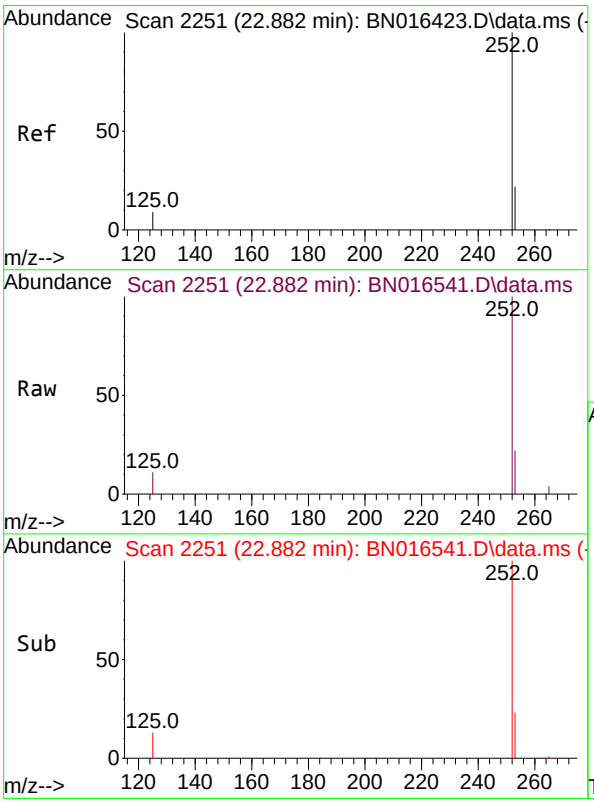
#37
Benzo(b)fluoranthene
Concen: 0.679 ng
RT: 22.837 min Scan# 2238
Delta R.T. 0.000 min
Lab File: BN016541.D
Acq: 27 Sep 2021 10:28

Tgt Ion:252 Resp: 38326

Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.2	27.2
125	10.1	8.4	12.6



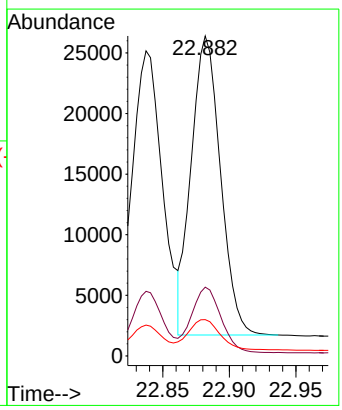
Instrument :
BNA_N
ClientSampleId :

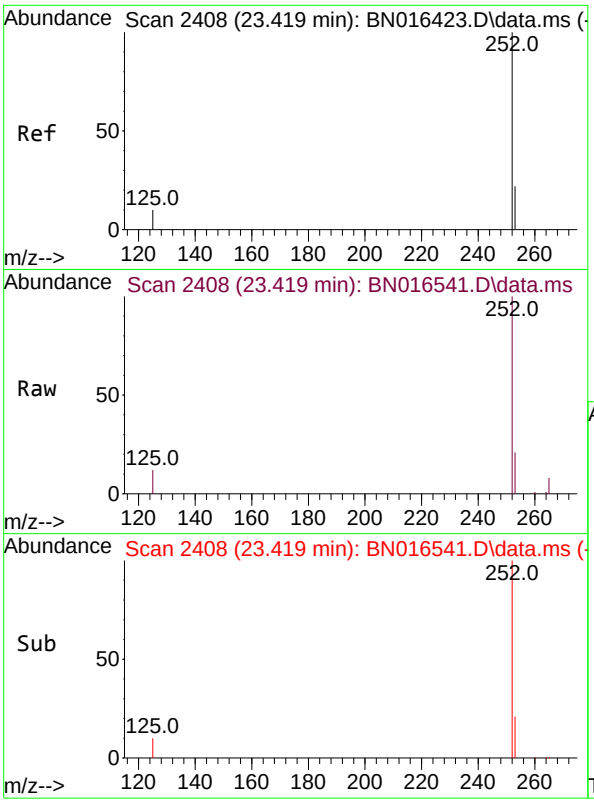


#38
Benzo(k)fluoranthene
Concen: 0.688 ng
RT: 22.882 min Scan# 2251
Delta R.T. 0.000 min
Lab File: BN016541.D
Acq: 27 Sep 2021 10:28

Tgt Ion:252 Resp: 37587

Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.2	27.2
125	11.4	8.2	12.4

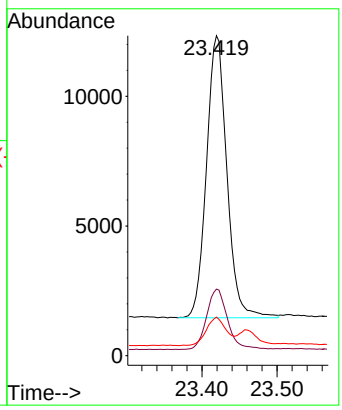




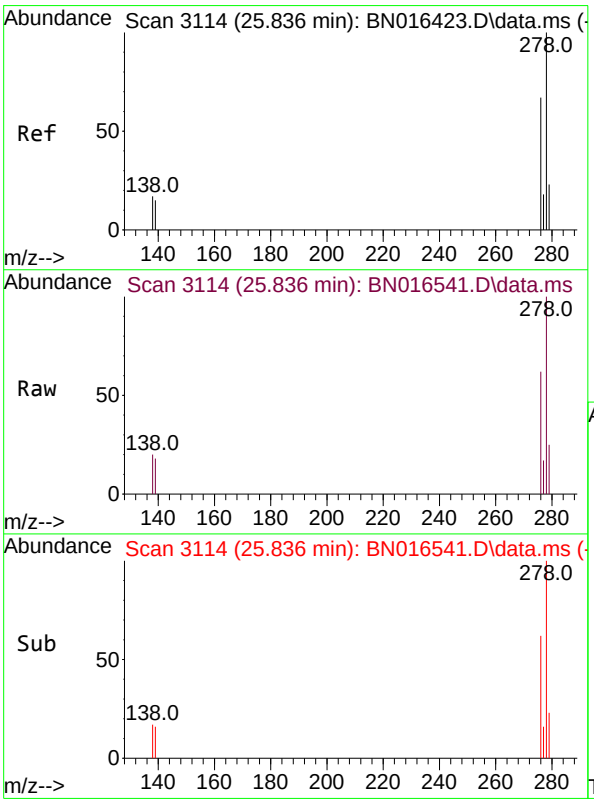
#39
Benzo(a)pyrene
Concen: 0.445 ng
RT: 23.419 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BN016541.D
Acq: 27 Sep 2021 10:28

Tgt Ion:252 Resp: 20494

Ion	Ratio	Lower	Upper
252	100		
253	20.8	18.7	28.1
125	12.0	9.9	14.9



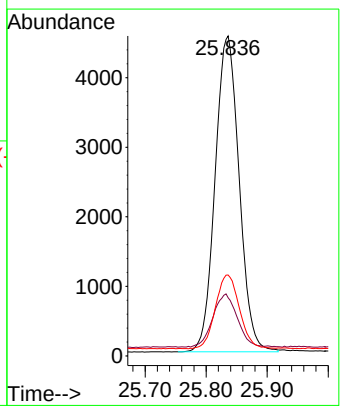
Instrument :
BNA_N
ClientSampleId :

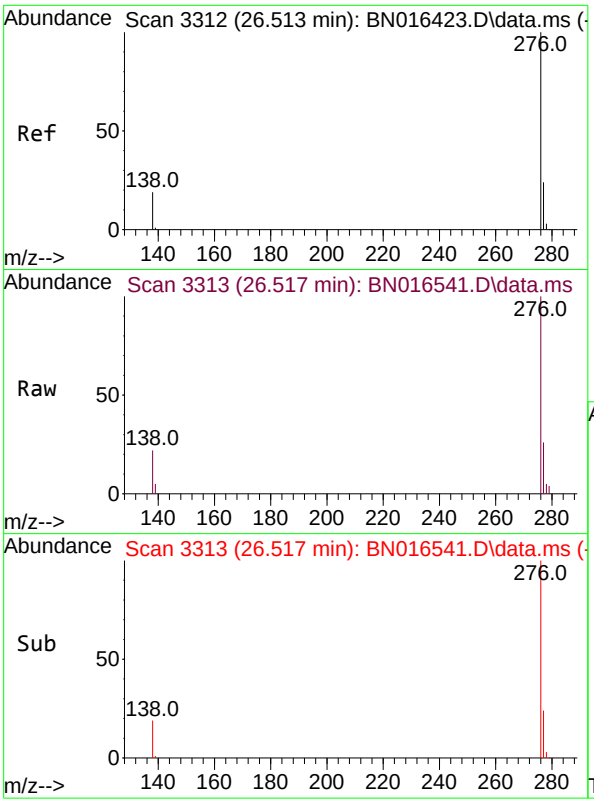


#40
Dibenzo(a,h)anthracene
Concen: 0.266 ng
RT: 25.836 min Scan# 3114
Delta R.T. 0.000 min
Lab File: BN016541.D
Acq: 27 Sep 2021 10:28

Tgt Ion:278 Resp: 12416

Ion	Ratio	Lower	Upper
278	100		
139	18.2	14.2	21.2
279	25.3	21.3	31.9

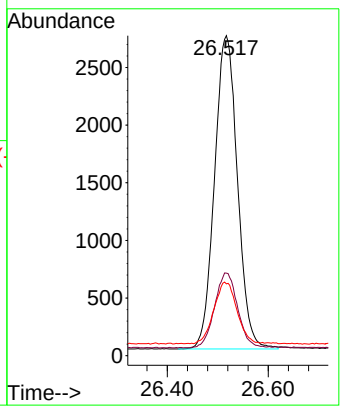




#41
Benzo(g,h,i)perylene
Concen: 0.179 ng
RT: 26.517 min Scan# 3313
Delta R.T. 0.003 min
Lab File: BN016541.D
Acq: 27 Sep 2021 10:28

Tgt Ion:276 Resp: 8574

Ion	Ratio	Lower	Upper
276	100		
277	25.8	20.5	30.7
138	22.5	18.2	27.4



Instrument :
BNA_N
ClientSampleId :