Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090421\
Data File : BN016196.D
Acq On : 04 Sep 2021 16:51
Operator : CG/JU
Sample : PB138774BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB138774BL

Quant Time: Sep 06 02:12:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN090421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 06 02:08:58 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.873	152	13299	0.400	ng	0.00
7) Naphthalene-d8	10.660	136	71165	0.400	ng	0.00
13) Acenaphthene-d10	14.497	164	41130	0.400	ng	0.00
19) Phenanthrene-d10	17.249	188	81955	0.400	ng	0.00
29) Chrysene-d12	21.429	240	84189	0.400	ng	0.00
35) Perylene-d12	23.823	264	75705	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.476	112	12320	0.328	ng	0.02
5) Phenol-d6	7.043	99	14694	0.306	ng	0.00
8) Nitrobenzene-d5	9.025	82	18976	0.332	ng	0.00
11) 2-Methylnaphthalene-d10	12.252	152	38354	0.338	ng	0.00
14) 2,4,6-Tribromophenol	15.994	330	5103	0.278	ng	0.00
15) 2-Fluorobiphenyl	13.127	172	53550	0.345	ng	0.00
27) Fluoranthene-d10	19.276	212	82991	0.337	ng	0.00
31) Terphenyl-d14	19.872	244	81595	0.384	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.724	42	24	0.002	ng	# 1
6) bis(2-Chloroethyl)ether	7.301	93	55	0.002	ng	# 91
9) Naphthalene	10.711	128	526	0.003	ng	# 56
10) Hexachlorobutadiene	11.002	225	30	0.001	ng	# 92
12) 2-Methylnaphthalene	12.327	142	159	0.001	ng	# 68
16) Acenaphthylene	14.218	152	97	0.001	ng	# 86
17) Acenaphthene	14.561	154	50	0.000	ng	# 86
18) Fluorene	15.550	166	56	0.000	ng	# 74
20) 4,6-Dinitro-2-methylph...	15.702	198	5	0.285	ng	# 1
21) 4-Bromophenyl-phenylether	16.433	248	10	0.000	ng	# 51
22) Hexachlorobenzene	16.555	284	20	0.000	ng	# 64
23) Atrazine	16.701	200	10	0.000	ng	# 1
24) Pentachlorophenol	16.920	266	20	0.367	ng	# 68
25) Phenanthrene	17.285	178	169	0.001	ng	# 78
26) Anthracene	17.370	178	54	0.000	ng	# 89
28) Fluoranthene	19.306	202	83	0.000	ng	# 65
30) Pyrene	19.673	202	79	0.000	ng	# 62
32) Benzo(a)anthracene	21.429	228	363	0.001	ng	# 23
33) Chrysene	21.472	228	127	0.000	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.344	149	4049	0.021	ng	# 99
36) Indeno(1,2,3-cd)pyrene	26.305	276	58	0.000	ng	# 66
37) Benzo(b)fluoranthene	23.098	252	408	0.002	ng	# 1
38) Benzo(k)fluoranthene	23.146	252	182	0.001	ng	# 1
39) Benzo(a)pyrene	23.714	252	260	0.001	ng	# 1
40) Dibenzo(a,h)anthracene	26.322	278	11	0.000	ng	# 1
41) Benzo(g,h,i)perylene	27.065	276	53	0.000	ng	# 1

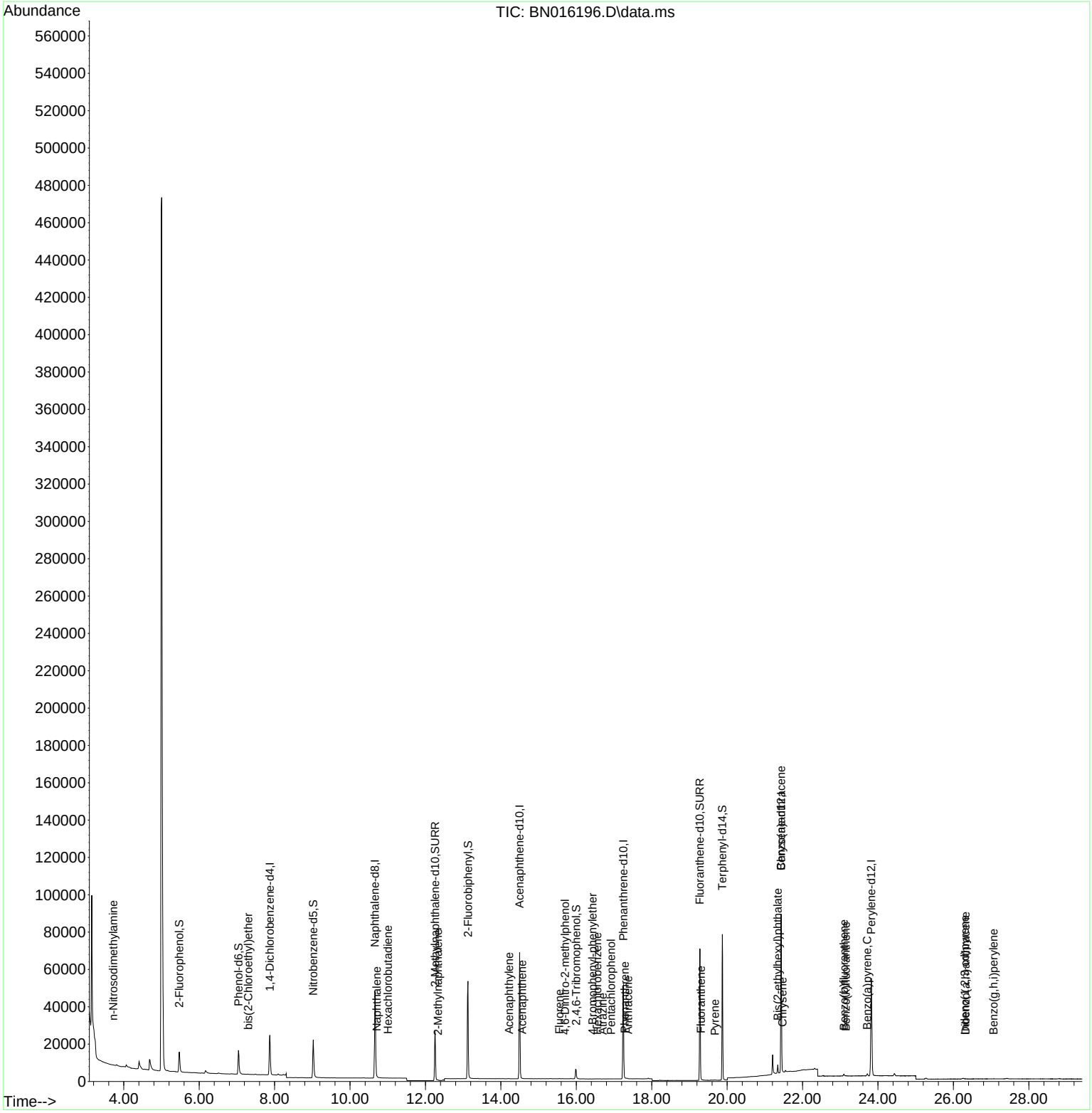
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

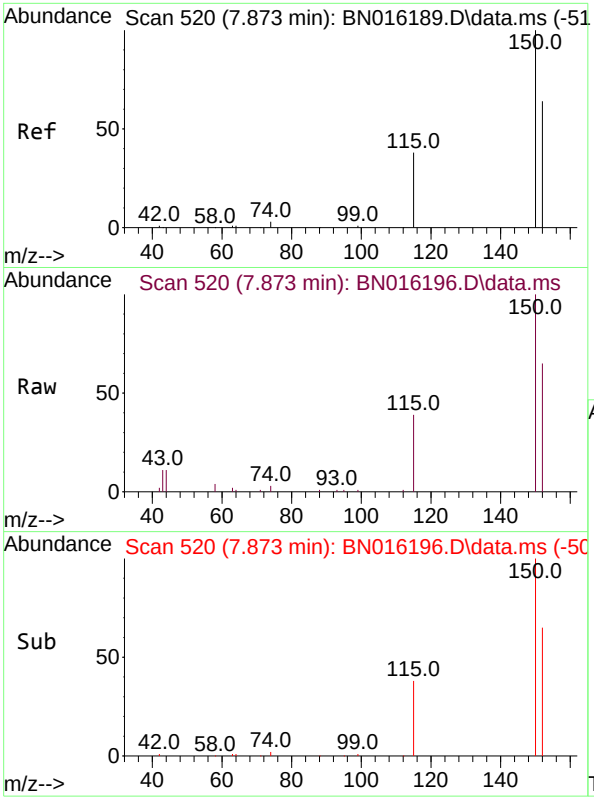
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090421\
Data File : BN016196.D
Acq On : 04 Sep 2021 16:51
Operator : CG/JU
Sample : PB138774BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB138774BL

Quant Time: Sep 06 02:12:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN090421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 06 02:08:58 2021
Response via : Initial Calibration



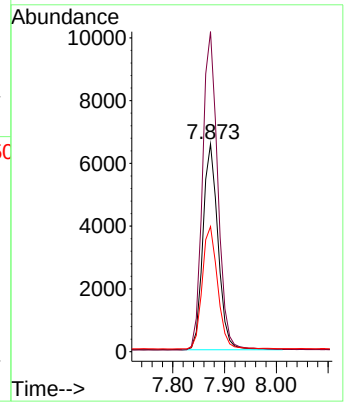
Instrument :
BNA_N
ClientSampleId :
PB138774BL

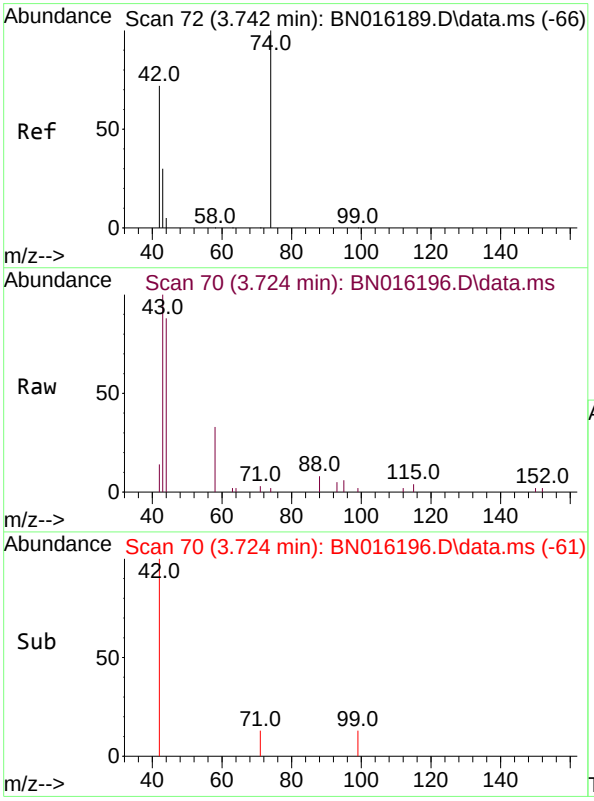


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.873 min Scan# 520
Delta R.T. -0.000 min
Lab File: BN016196.D
Acq: 04 Sep 2021 16:51

Tgt Ion:152 Resp: 13299

Ion	Ratio	Lower	Upper
152	100		
150	154.1	125.3	187.9
115	60.3	48.4	72.6

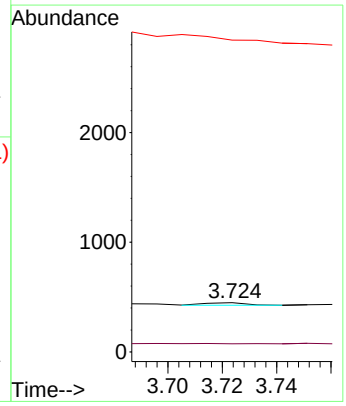


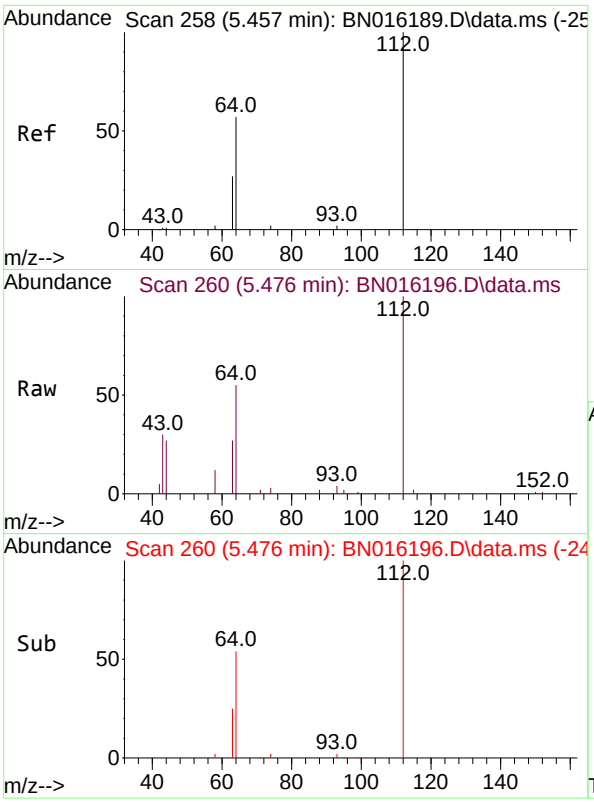


#3
n-Nitrosodimethylamine
Concen: 0.002 ng
RT: 3.724 min Scan# 70
Delta R.T. -0.018 min
Lab File: BN016196.D
Acq: 04 Sep 2021 16:51

Tgt Ion: 42 Resp: 24

Ion	Ratio	Lower	Upper
42	100		
74	0.0	112.2	168.4#
44	0.0	5.0	7.4#

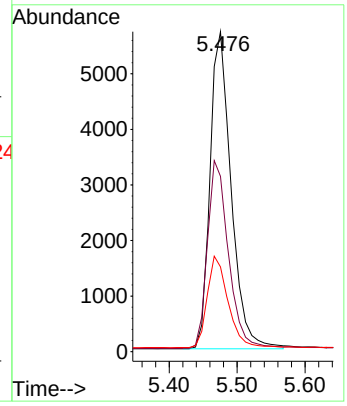




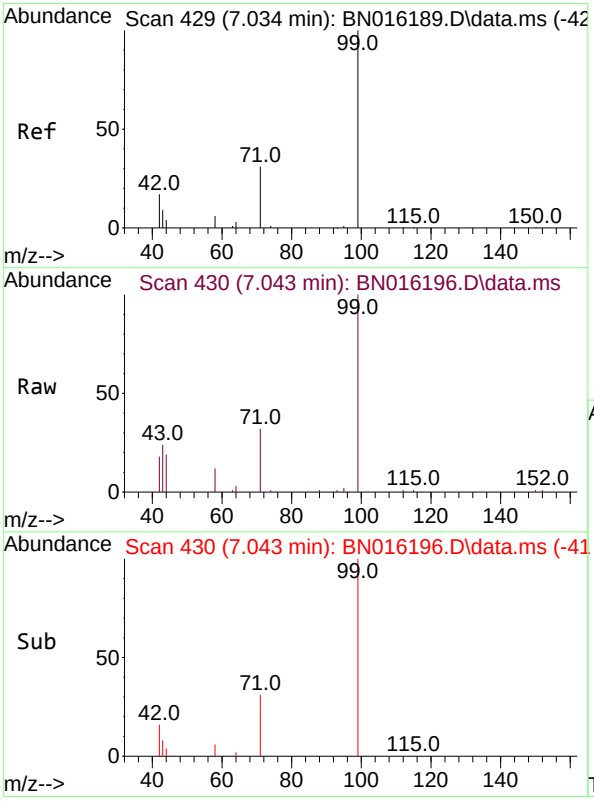
#4
2-Fluorophenol
Concen: 0.328 ng
RT: 5.476 min Scan# 260
Delta R.T. 0.019 min
Lab File: BN016196.D
Acq: 04 Sep 2021 16:51

Tgt Ion:112 Resp: 12320

Ion	Ratio	Lower	Upper
112	100		
64	59.4	46.8	70.2
63	28.6	22.7	34.1



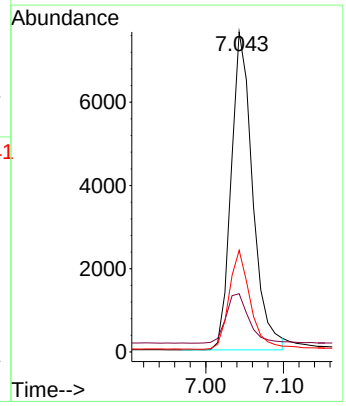
Instrument :
BNA_N
ClientSampleId :
PB138774BL



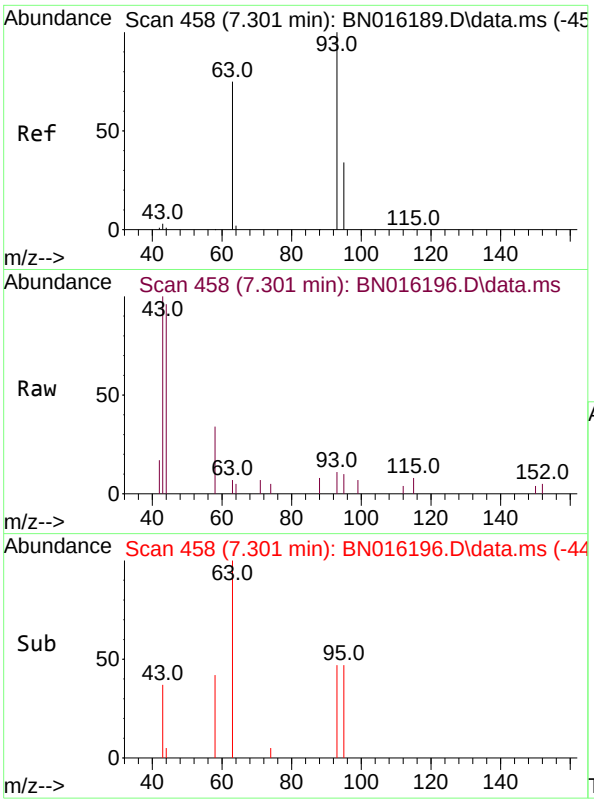
#5
Phenol-d6
Concen: 0.306 ng
RT: 7.043 min Scan# 430
Delta R.T. 0.009 min
Lab File: BN016196.D
Acq: 04 Sep 2021 16:51

Tgt Ion: 99 Resp: 14694

Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.8	20.6
71	30.4	24.3	36.5



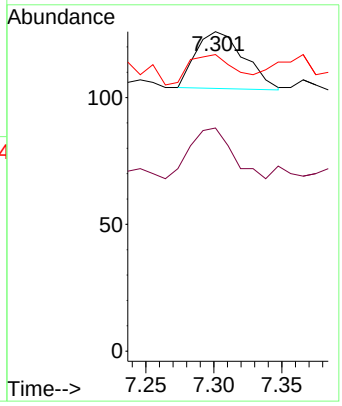
Instrument :
BNA_N
ClientSampleId :
PB138774BL

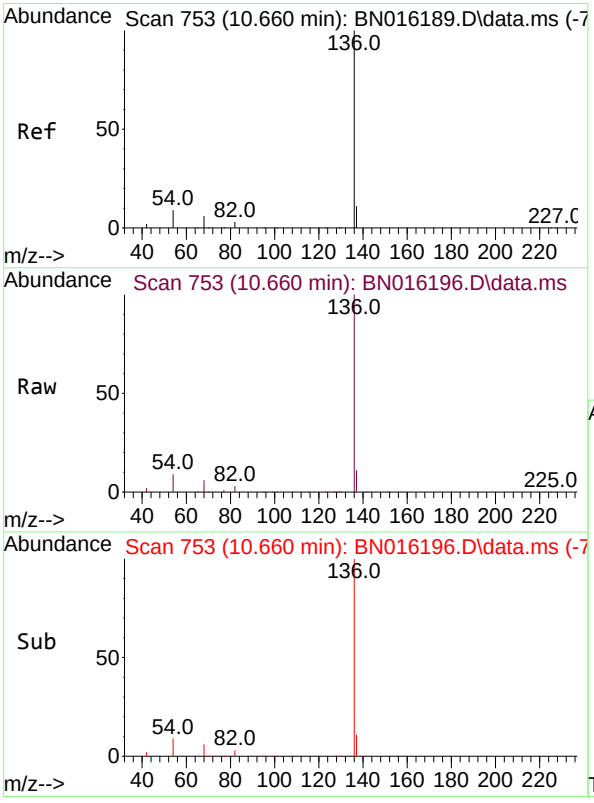


#6
bis(2-Chloroethyl)ether
Concen: 0.002 ng
RT: 7.301 min Scan# 458
Delta R.T. 0.000 min
Lab File: BN016196.D
Acq: 04 Sep 2021 16:51

Tgt Ion: 93 Resp: 55

Ion	Ratio	Lower	Upper
93	100		
63	78.2	62.8	94.2
95	50.9	27.0	40.4#

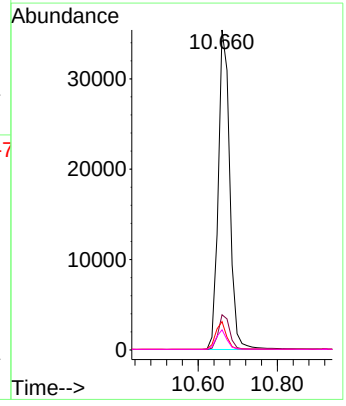




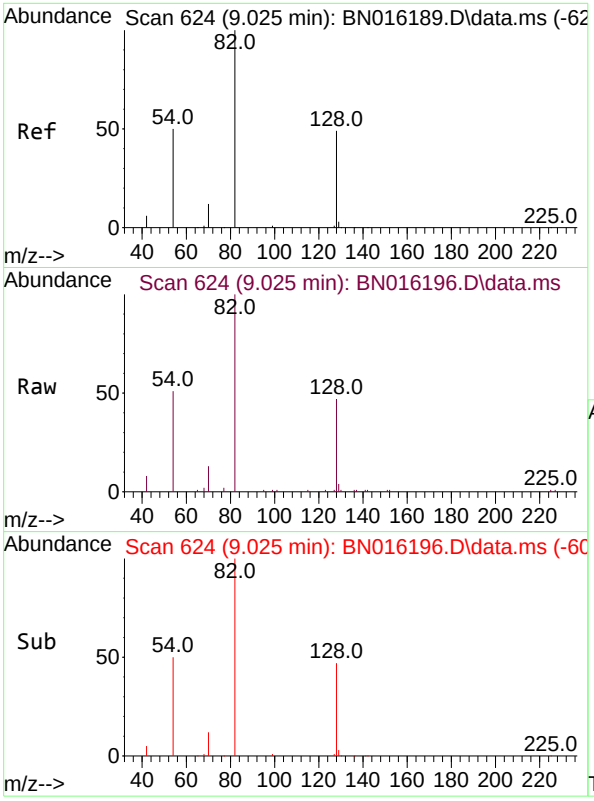
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.660 min Scan# 753
Delta R.T. 0.000 min
Lab File: BN016196.D
Acq: 04 Sep 2021 16:51

Tgt Ion:136 Resp: 71165

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.8	7.2	10.8
68	6.3	5.2	7.8



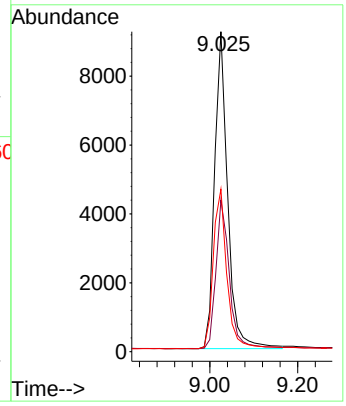
Instrument :
BNA_N
ClientSampleId :
PB138774BL

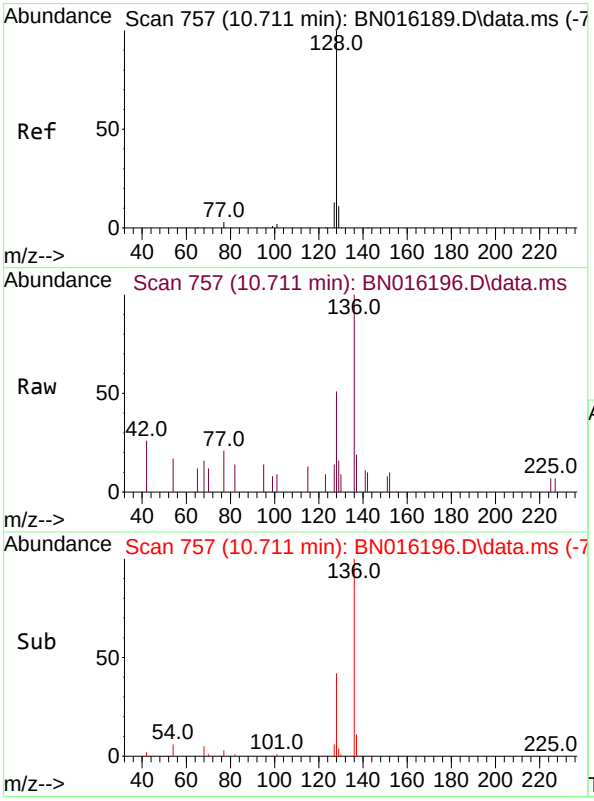


#8
Nitrobenzene-d5
Concen: 0.332 ng
RT: 9.025 min Scan# 624
Delta R.T. 0.000 min
Lab File: BN016196.D
Acq: 04 Sep 2021 16:51

Tgt Ion: 82 Resp: 18976

Ion	Ratio	Lower	Upper
82	100		
128	47.4	39.3	58.9
54	50.8	40.2	60.4

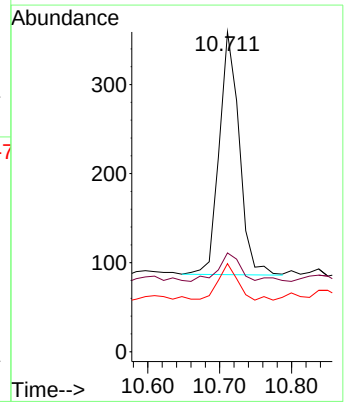




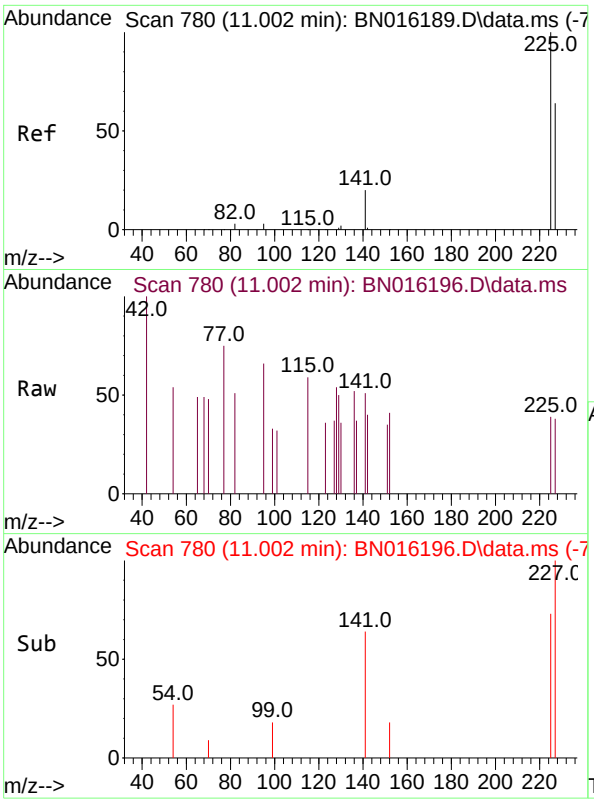
#9
Naphthalene
Concen: 0.003 ng
RT: 10.711 min Scan# 757
Delta R.T. 0.000 min
Lab File: BN016196.D
Acq: 04 Sep 2021 16:51

Tgt Ion:128 Resp: 526

Ion	Ratio	Lower	Upper
128	100		
129	30.9	8.9	13.3#
127	27.6	10.4	15.6#



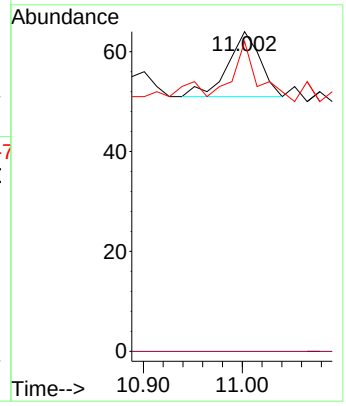
Instrument :
BNA_N
ClientSampleId :
PB138774BL

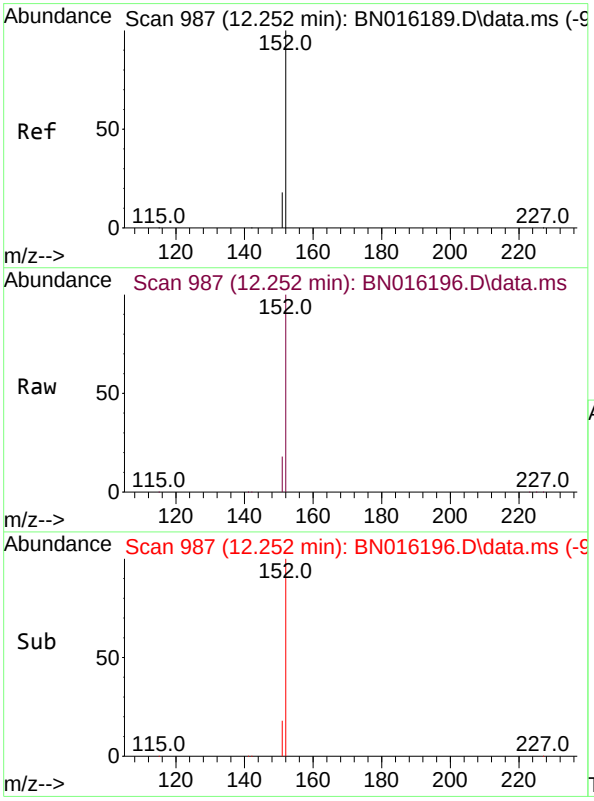


#10
Hexachlorobutadiene
Concen: 0.001 ng
RT: 11.002 min Scan# 780
Delta R.T. 0.000 min
Lab File: BN016196.D
Acq: 04 Sep 2021 16:51

Tgt Ion:225 Resp: 30

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	70.0	51.2	76.8

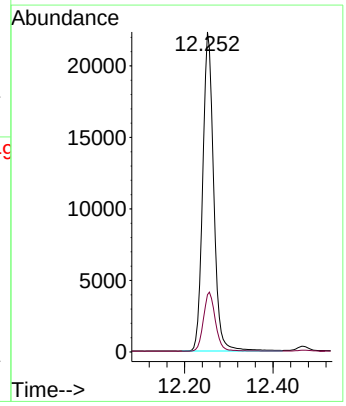




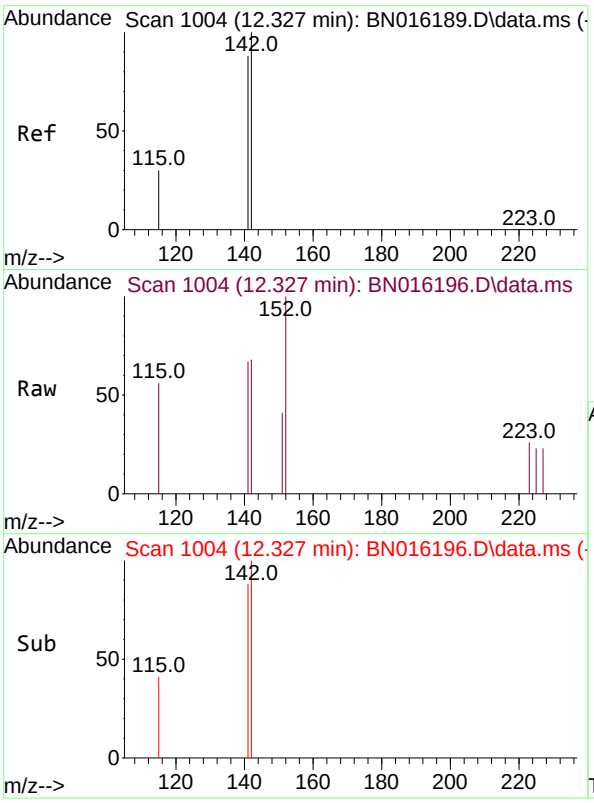
#11
2-Methylnaphthalene-d10
Concen: 0.338 ng
RT: 12.252 min Scan# 987
Delta R.T. 0.000 min
Lab File: BN016196.D
Acq: 04 Sep 2021 16:51

Tgt Ion:152 Resp: 38354

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.2



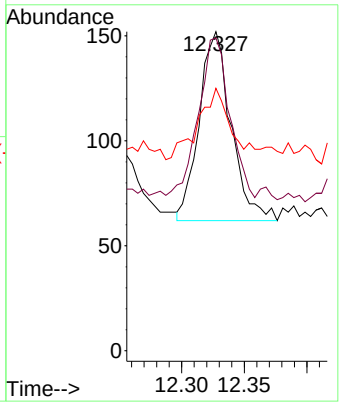
Instrument :
BNA_N
ClientSampleId :
PB138774BL

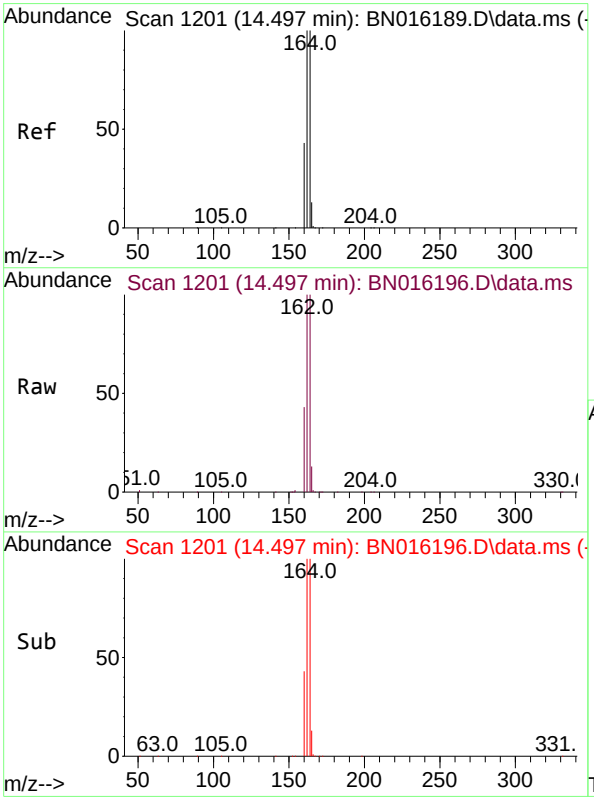


#12
2-Methylnaphthalene
Concen: 0.001 ng
RT: 12.327 min Scan# 1004
Delta R.T. 0.000 min
Lab File: BN016196.D
Acq: 04 Sep 2021 16:51

Tgt Ion:142 Resp: 159

Ion	Ratio	Lower	Upper
142	100		
141	98.0	70.4	105.6
115	82.2	24.4	36.6#

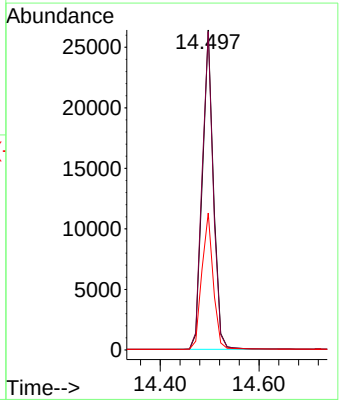




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.497 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BN016196.D
Acq: 04 Sep 2021 16:51

Tgt Ion:164 Resp: 41130

Ion	Ratio	Lower	Upper
164	100		
162	99.5	79.8	119.6
160	42.8	34.2	51.4



Instrument :
BNA_N
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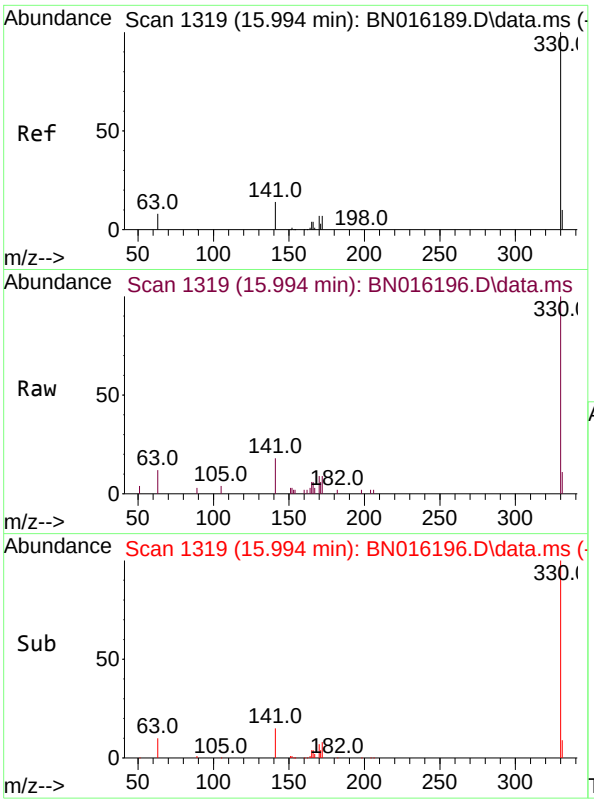
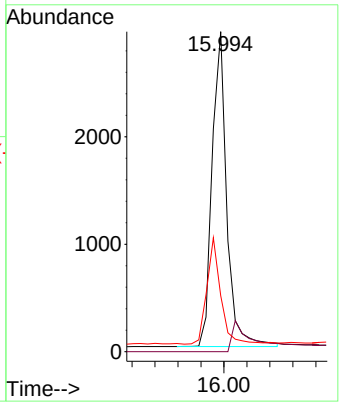
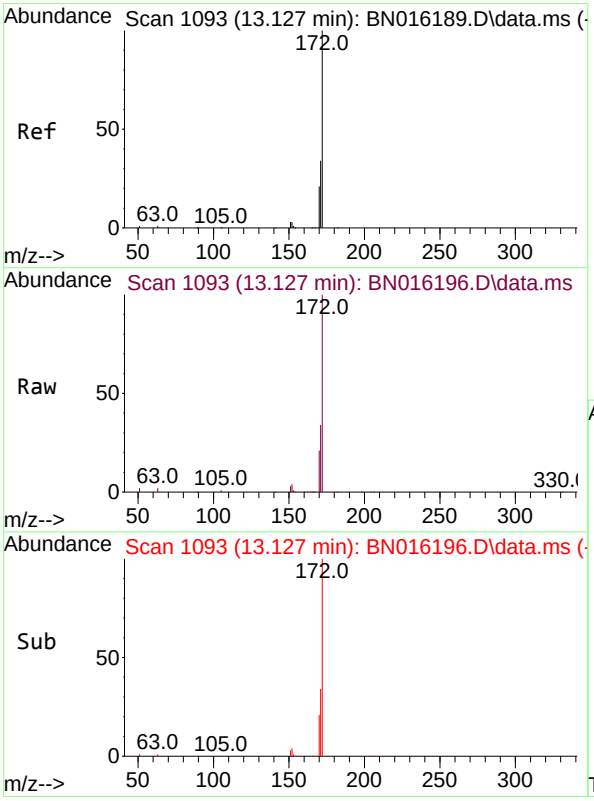


#14
2,4,6-Tribromophenol
Concen: 0.278 ng
RT: 15.994 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BN016196.D
Acq: 04 Sep 2021 16:51

Tgt Ion:330 Resp: 5103

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	32.3	25.4	38.2

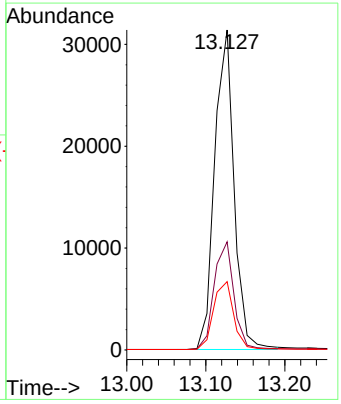




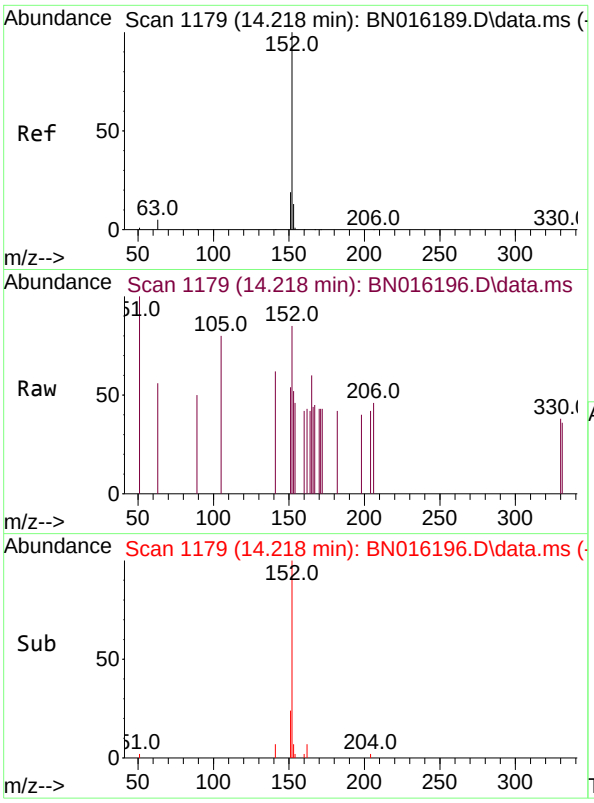
#15
2-Fluorobiphenyl
Concen: 0.345 ng
RT: 13.127 min Scan# 1093
Delta R.T. 0.000 min
Lab File: BN016196.D
Acq: 04 Sep 2021 16:51

Tgt Ion:172 Resp: 53550

Ion	Ratio	Lower	Upper
172	100		
171	33.8	26.9	40.3
170	21.4	17.1	25.7



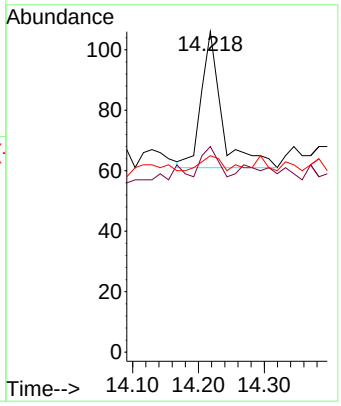
Instrument :
BNA_N
ClientSampleId :
PB138774BL

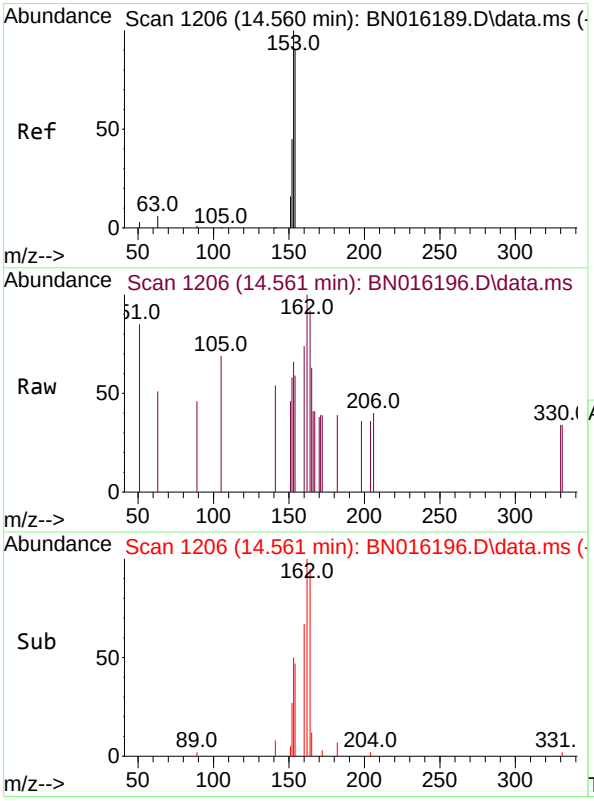


#16
Acenaphthylene
Concen: 0.001 ng
RT: 14.218 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BN016196.D
Acq: 04 Sep 2021 16:51

Tgt Ion:152 Resp: 97

Ion	Ratio	Lower	Upper
152	100		
151	27.8	15.3	22.9#
153	15.5	10.4	15.6

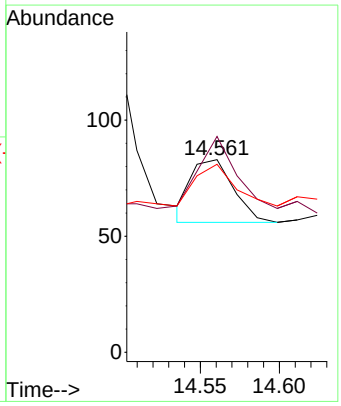




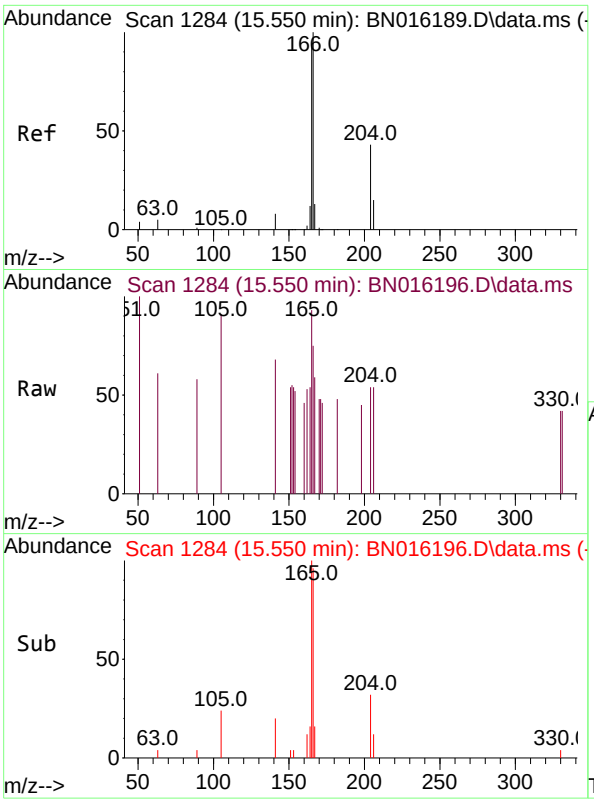
#17
Acenaphthene
Concen: 0.000 ng
RT: 14.561 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BN016196.D
Acq: 04 Sep 2021 16:51

Tgt Ion:154 Resp: 50

Ion	Ratio	Lower	Upper
154	100		
153	126.0	89.1	133.7
152	62.0	41.2	61.8#



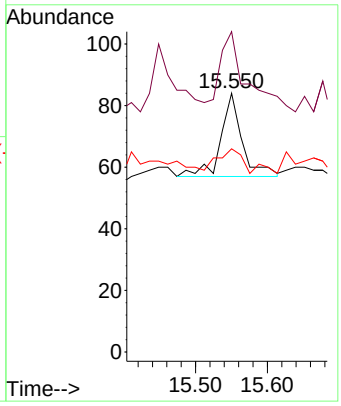
Instrument :
BNA_N
ClientSampleId :
PB138774BL

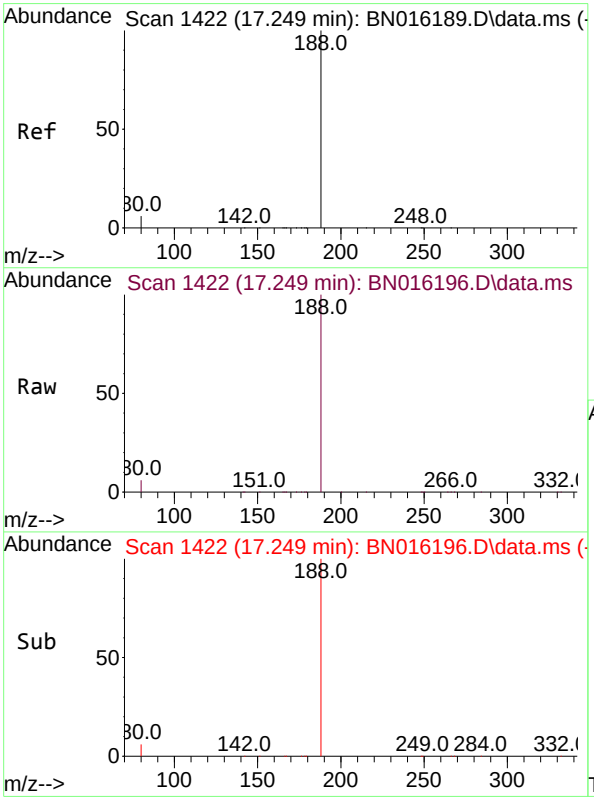


#18
Fluorene
Concen: 0.000 ng
RT: 15.550 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BN016196.D
Acq: 04 Sep 2021 16:51

Tgt Ion:166 Resp: 56

Ion	Ratio	Lower	Upper
166	100		
165	119.6	77.0	115.6#
167	30.4	10.9	16.3#

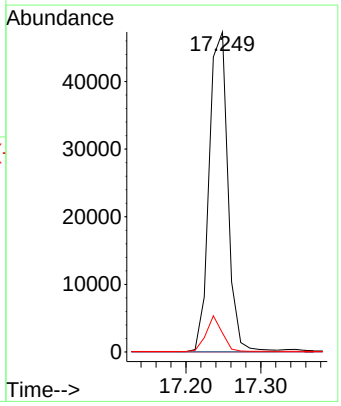


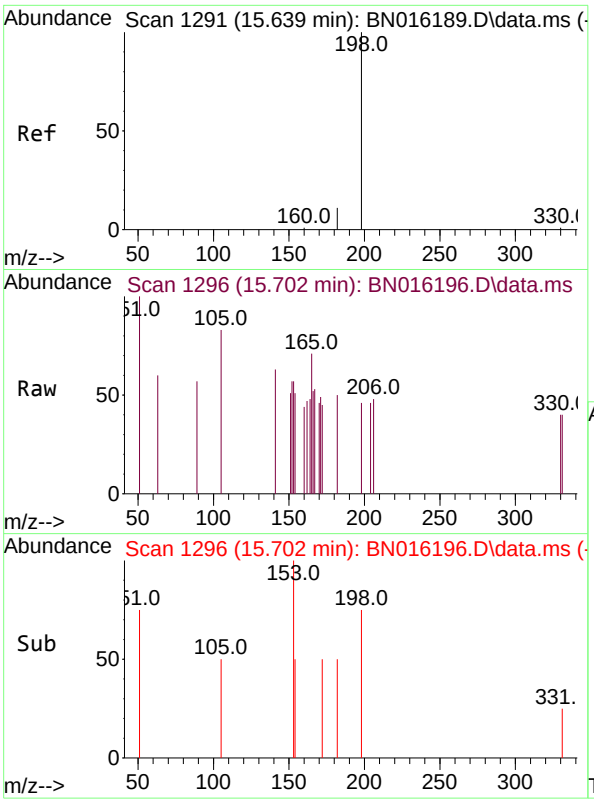


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.249 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BN016196.D
Acq: 04 Sep 2021 16:51

Tgt Ion:188 Resp: 81955

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.9	5.0	7.6

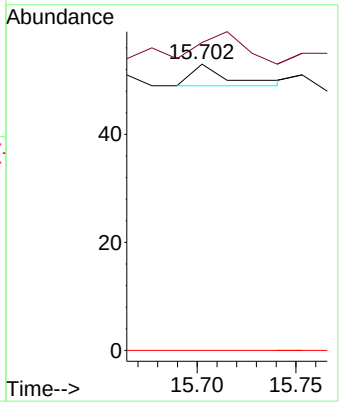




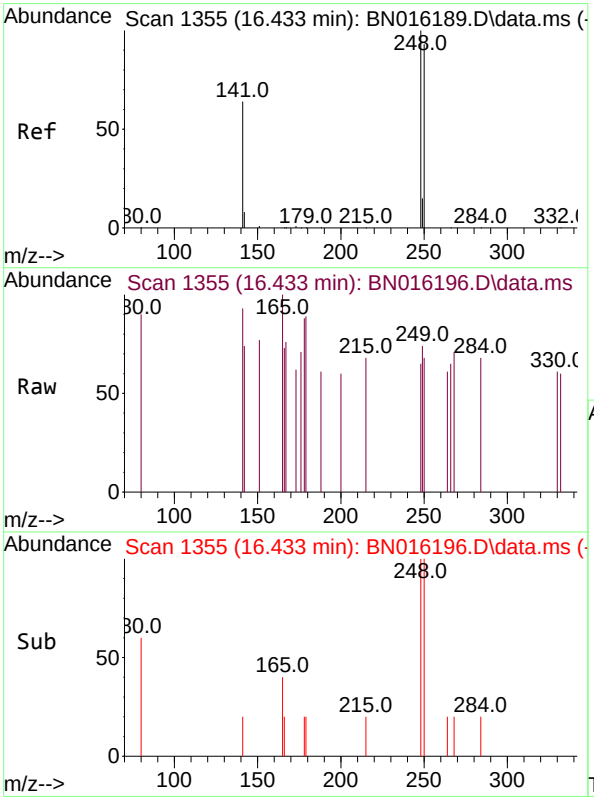
#20
4,6-Dinitro-2-methylphenol
Concen: 0.285 ng
RT: 15.702 min Scan# 1296
Delta R.T. 0.063 min
Lab File: BN016196.D
Acq: 04 Sep 2021 16:51

Tgt Ion:198 Resp: 5

Ion	Ratio	Lower	Upper
198	100		
182	107.5	28.8	43.2#
77	0.0	0.0	0.0



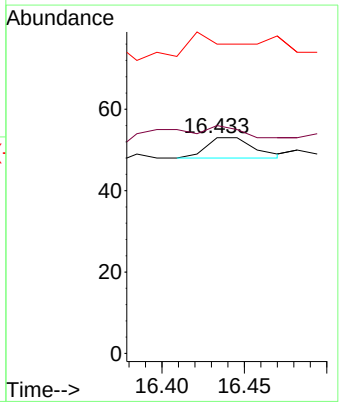
Instrument :
BNA_N
ClientSampleId :
PB138774BL



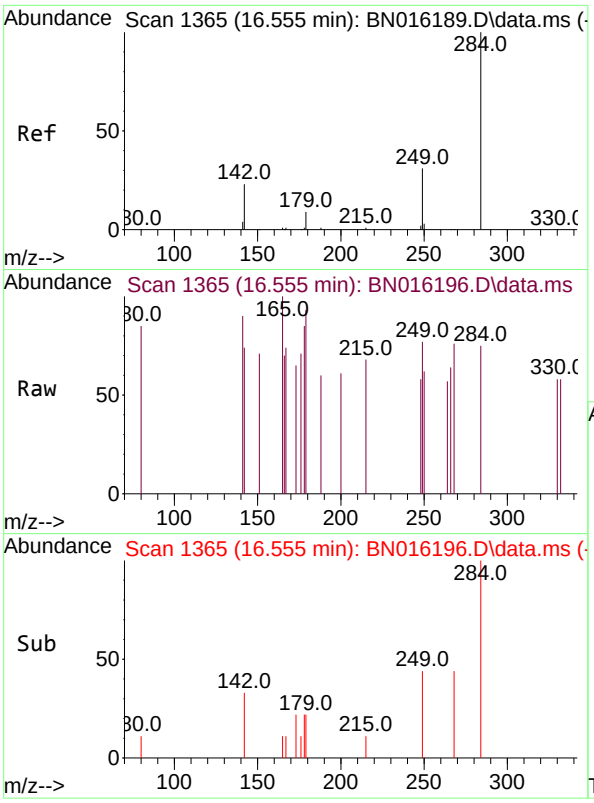
#21
4-Bromophenyl-phenylether
Concen: 0.000 ng
RT: 16.433 min Scan# 1355
Delta R.T. 0.000 min
Lab File: BN016196.D
Acq: 04 Sep 2021 16:51

Tgt Ion:248 Resp: 10

Ion	Ratio	Lower	Upper
248	100		
250	105.7	74.6	112.0
141	143.4	51.6	77.4#



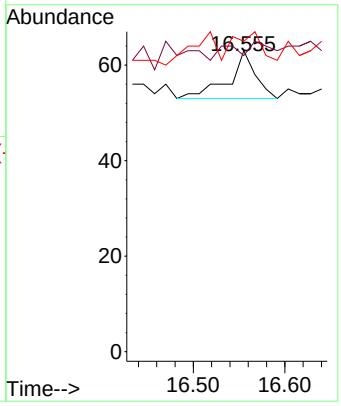
Instrument :
BNA_N
ClientSampleId :
PB138774BL

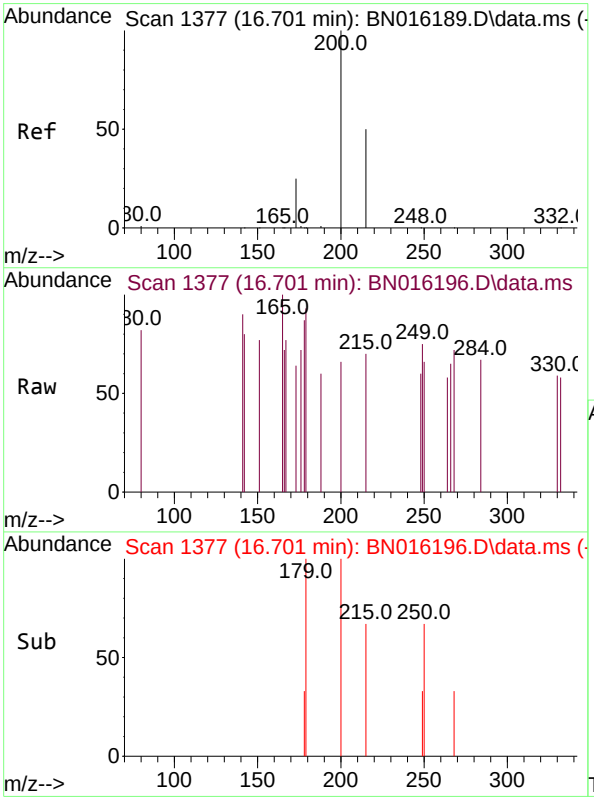


#22
Hexachlorobenzene
Concen: 0.000 ng
RT: 16.555 min Scan# 1365
Delta R.T. 0.000 min
Lab File: BN016196.D
Acq: 04 Sep 2021 16:51

Tgt Ion:284 Resp: 20

Ion	Ratio	Lower	Upper
284	100		
142	20.0	22.7	34.1#
249	60.0	24.3	36.5#

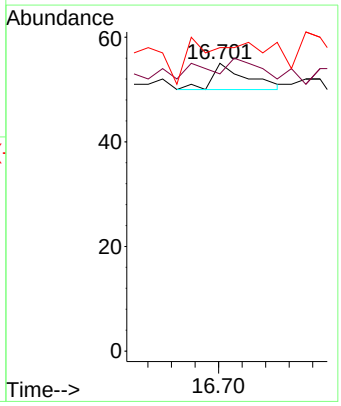




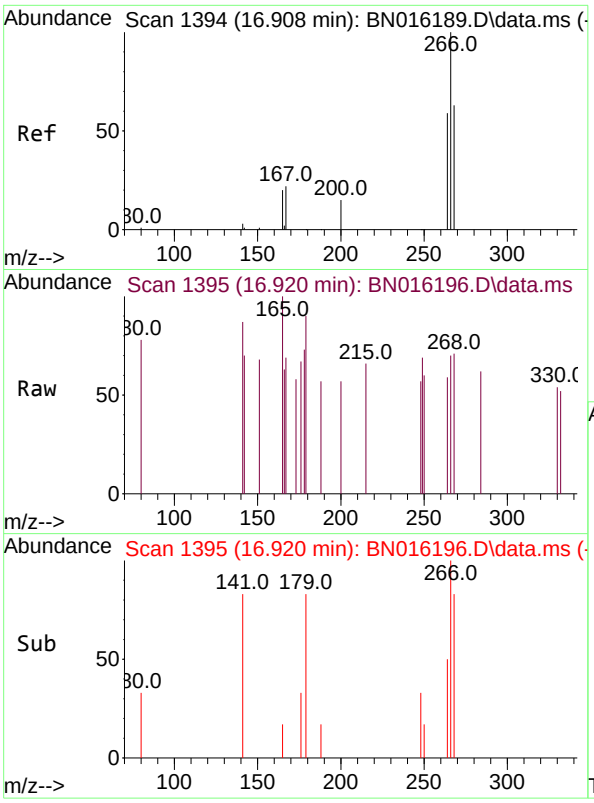
#23
Atrazine
Concen: 0.000 ng
RT: 16.701 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BN016196.D
Acq: 04 Sep 2021 16:51

Tgt Ion:200 Resp: 10

Ion	Ratio	Lower	Upper
200	100		
173	96.4	20.6	31.0#
215	105.5	40.5	60.7#



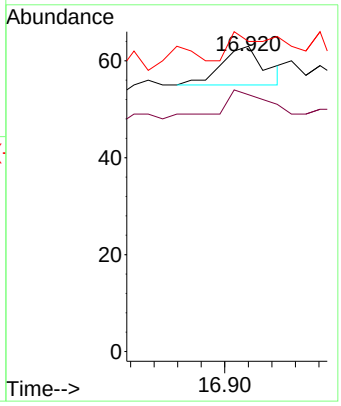
Instrument :
BNA_N
ClientSampleId :
PB138774BL

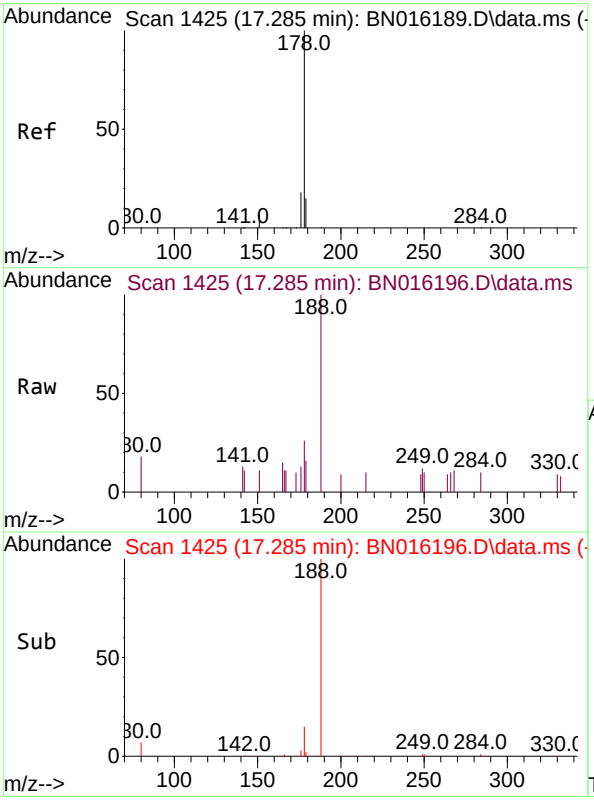


#24
Pentachlorophenol
Concen: 0.367 ng
RT: 16.920 min Scan# 1395
Delta R.T. 0.012 min
Lab File: BN016196.D
Acq: 04 Sep 2021 16:51

Tgt Ion:266 Resp: 20

Ion	Ratio	Lower	Upper
266	100		
264	85.0	50.4	75.6#
268	90.0	49.6	74.4#

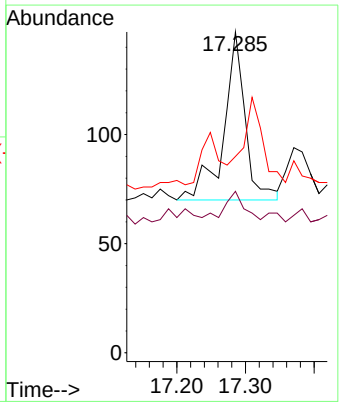


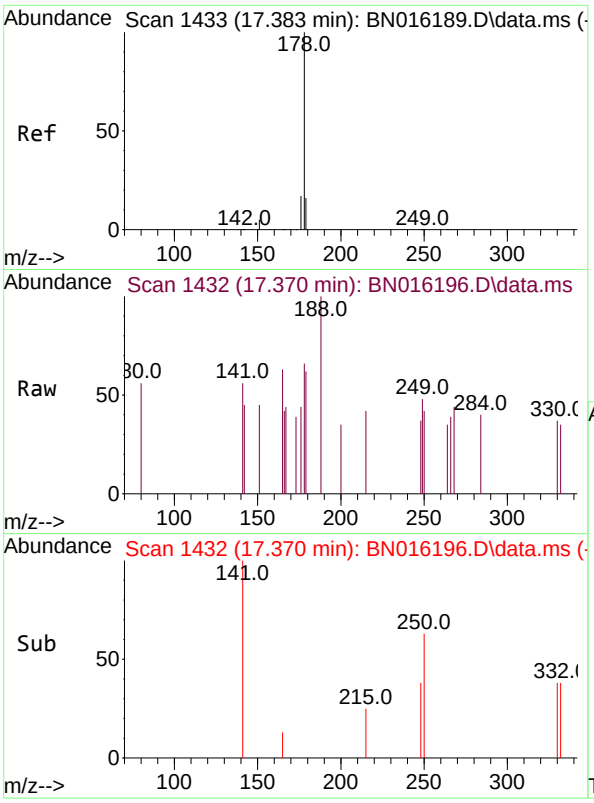


#25
Phenanthrene
Concen: 0.001 ng
RT: 17.285 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BN016196.D
Acq: 04 Sep 2021 16:51

Tgt Ion:178 Resp: 169

Ion	Ratio	Lower	Upper
178	100		
176	14.2	14.5	21.7#
179	0.0	12.3	18.5#

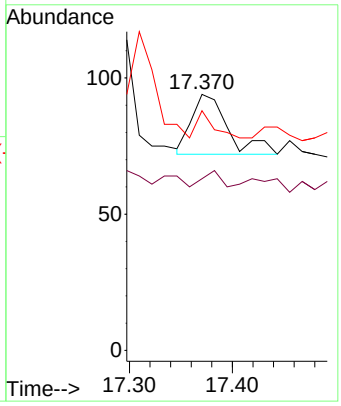




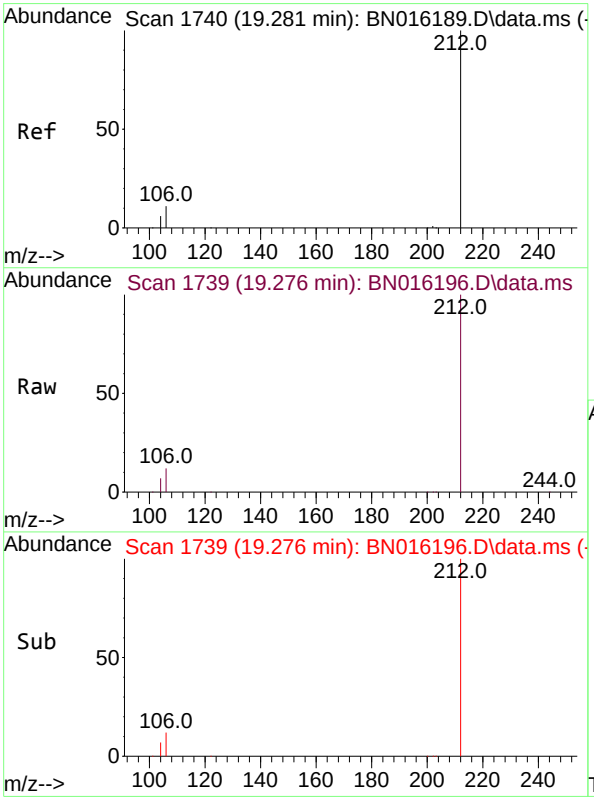
#26
Anthracene
Concen: 0.000 ng
RT: 17.370 min Scan# 1432
Delta R.T. -0.012 min
Lab File: BN016196.D
Acq: 04 Sep 2021 16:51

Tgt Ion:178 Resp: 54

Ion	Ratio	Lower	Upper
178	100		
176	13.0	13.8	20.8#
179	20.4	12.4	18.6#



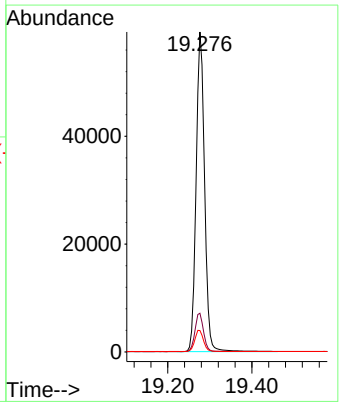
Instrument :
BNA_N
ClientSampleId :
PB138774BL



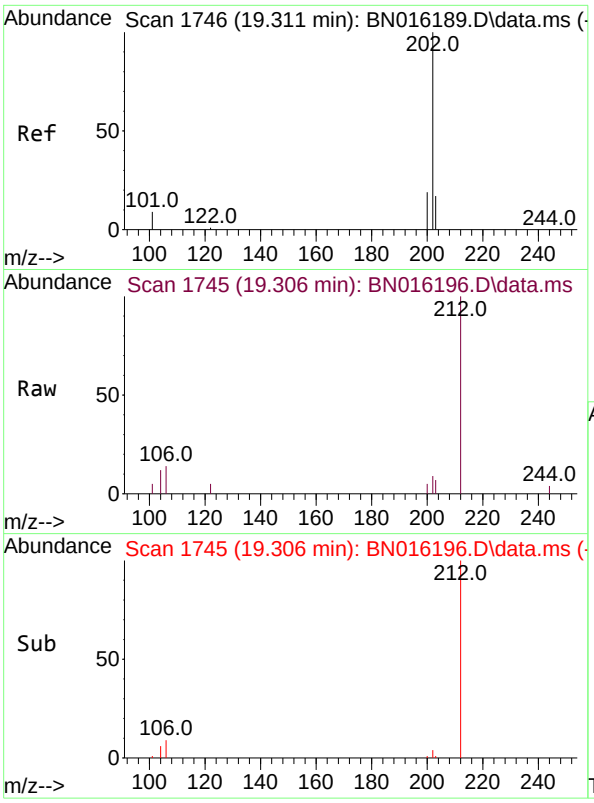
#27
Fluoranthene-d10
Concen: 0.337 ng
RT: 19.276 min Scan# 1739
Delta R.T. -0.005 min
Lab File: BN016196.D
Acq: 04 Sep 2021 16:51

Tgt Ion:212 Resp: 82991

Ion	Ratio	Lower	Upper
212	100		
106	12.1	9.7	14.5
104	6.8	5.4	8.0



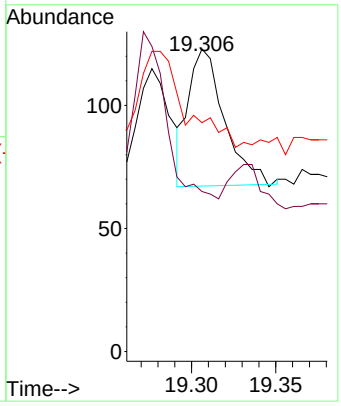
Instrument :
BNA_N
ClientSampleId :
PB138774BL

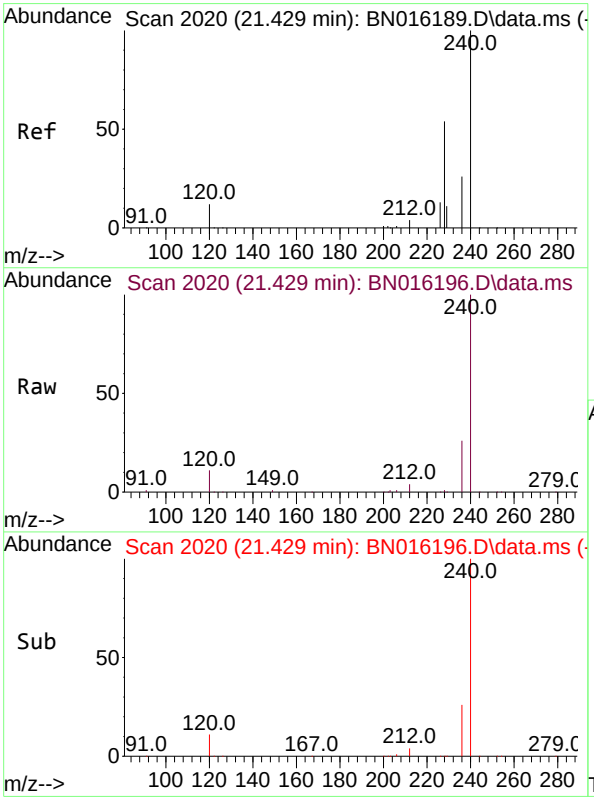


#28
Fluoranthene
Concen: 0.000 ng
RT: 19.306 min Scan# 1745
Delta R.T. -0.005 min
Lab File: BN016196.D
Acq: 04 Sep 2021 16:51

Tgt Ion:202 Resp: 83

Ion	Ratio	Lower	Upper
202	100		
101	0.0	8.4	12.6#
203	0.0	13.8	20.8#

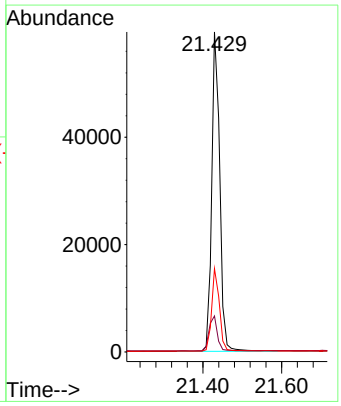


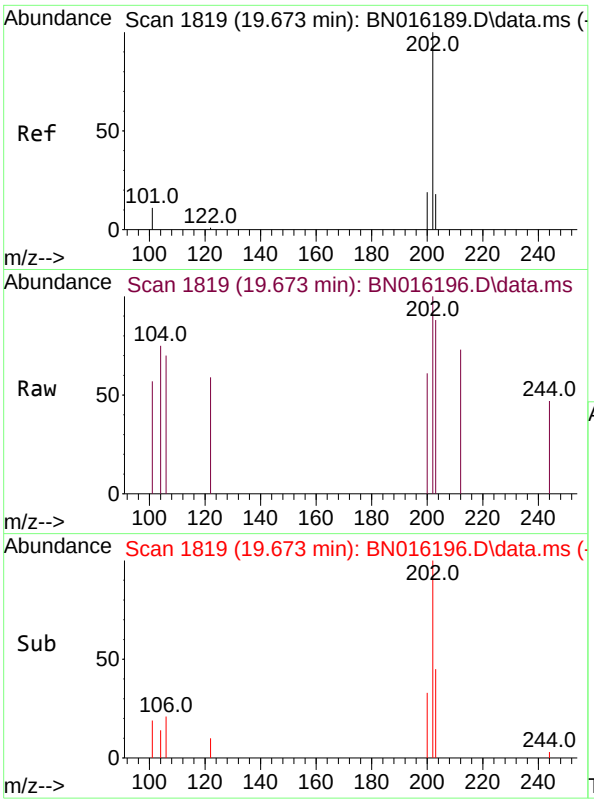


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.429 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BN016196.D
Acq: 04 Sep 2021 16:51

Tgt Ion:240 Resp: 84189

Ion	Ratio	Lower	Upper
240	100		
120	11.3	10.0	15.0
236	26.0	20.9	31.3

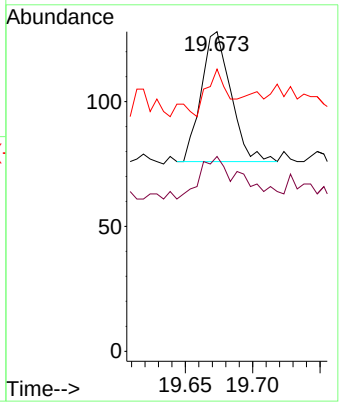


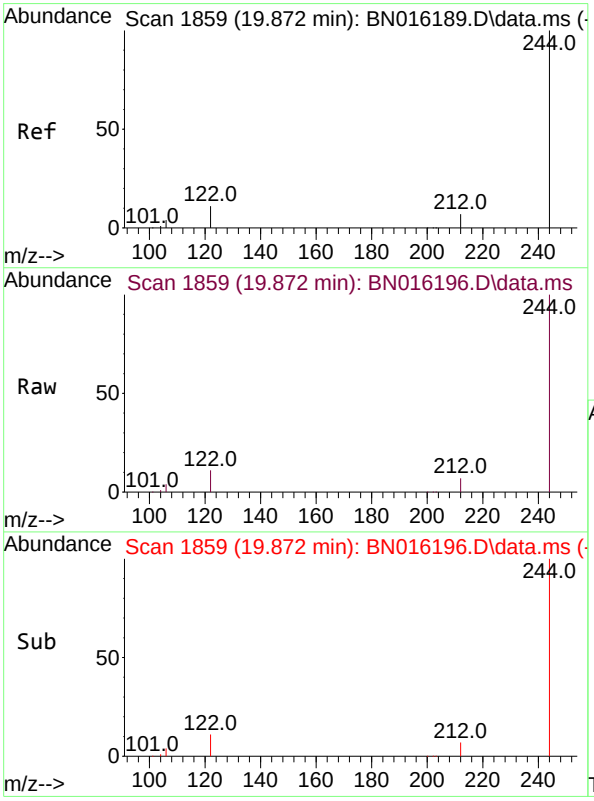


#30
Pyrene
Concen: 0.000 ng
RT: 19.673 min Scan# 1819
Delta R.T. 0.000 min
Lab File: BN016196.D
Acq: 04 Sep 2021 16:51

Tgt Ion:202 Resp: 79

Ion	Ratio	Lower	Upper
202	100		
200	45.6	15.8	23.8#
203	25.3	14.1	21.1#

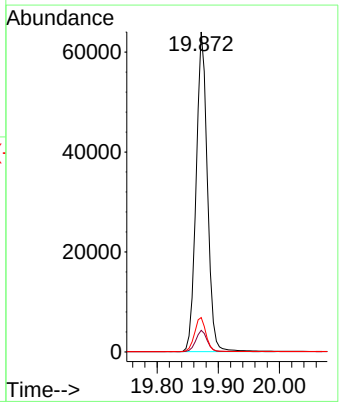




#31
Terphenyl-d14
Concen: 0.384 ng
RT: 19.872 min Scan# 1859
Delta R.T. 0.000 min
Lab File: BN016196.D
Acq: 04 Sep 2021 16:51

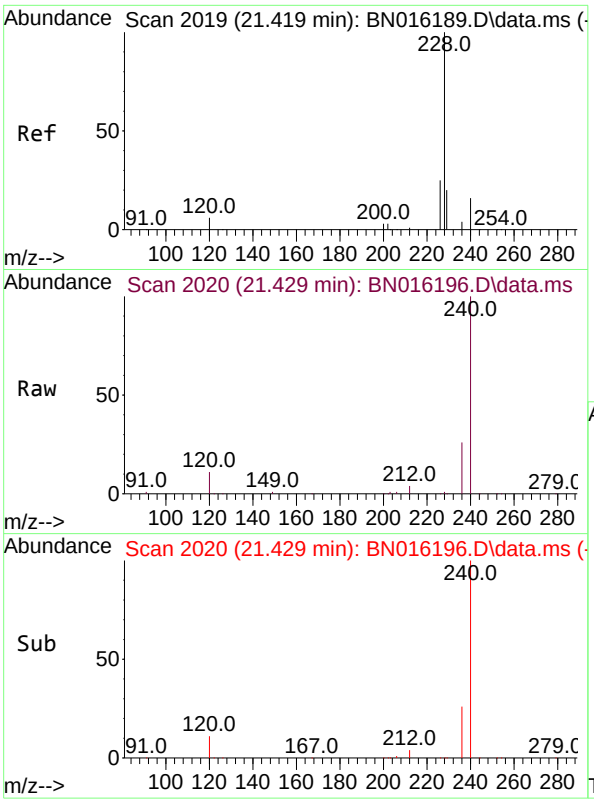
Tgt Ion:244 Resp: 81595

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.5	8.3
122	10.7	9.0	13.4



Instrument :
BNA_N
ClientSampleId :
PB138774BL

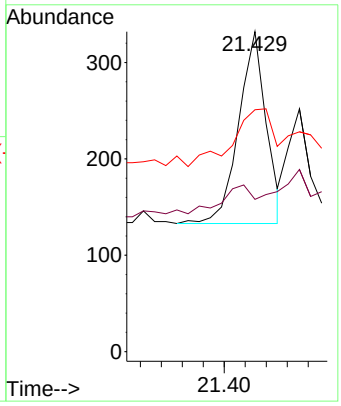
Instrument :
BNA_N
ClientSampleId :
PB138774BL

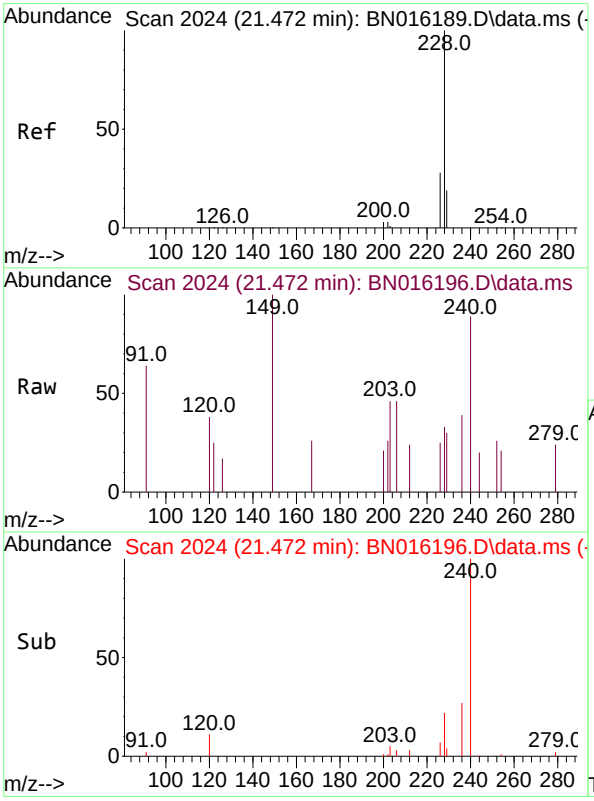


#32
Benzo(a)anthracene
Concen: 0.001 ng
RT: 21.429 min Scan# 2020
Delta R.T. 0.011 min
Lab File: BN016196.D
Acq: 04 Sep 2021 16:51

Tgt Ion:228 Resp: 363

Ion	Ratio	Lower	Upper
228	100		
226	47.6	20.5	30.7#
229	75.6	16.2	24.4#

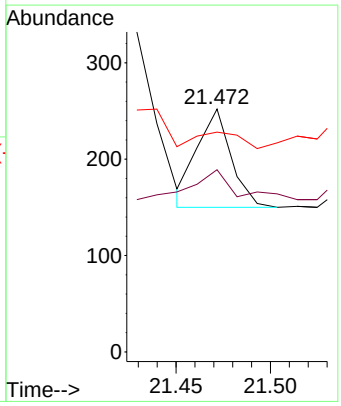




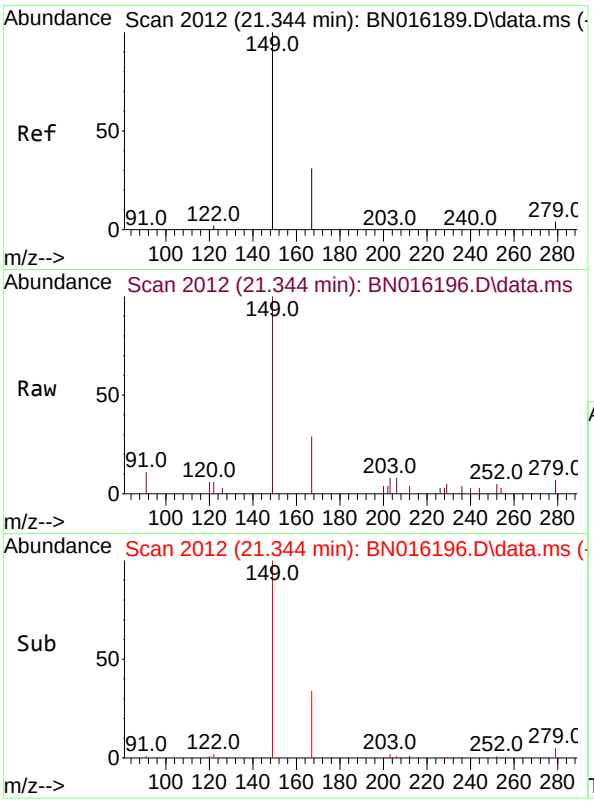
#33
Chrysene
Concen: 0.000 ng
RT: 21.472 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BN016196.D
Acq: 04 Sep 2021 16:51

Tgt Ion:228 Resp: 127

Ion	Ratio	Lower	Upper
228	100		
226	75.0	22.5	33.7#
229	90.5	16.0	24.0#



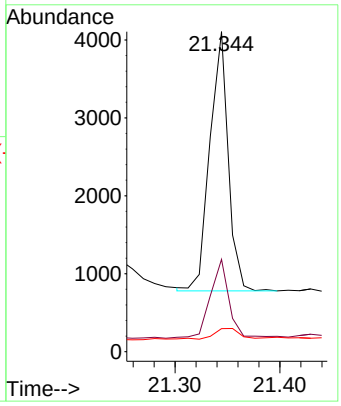
Instrument :
BNA_N
ClientSampleId :
PB138774BL

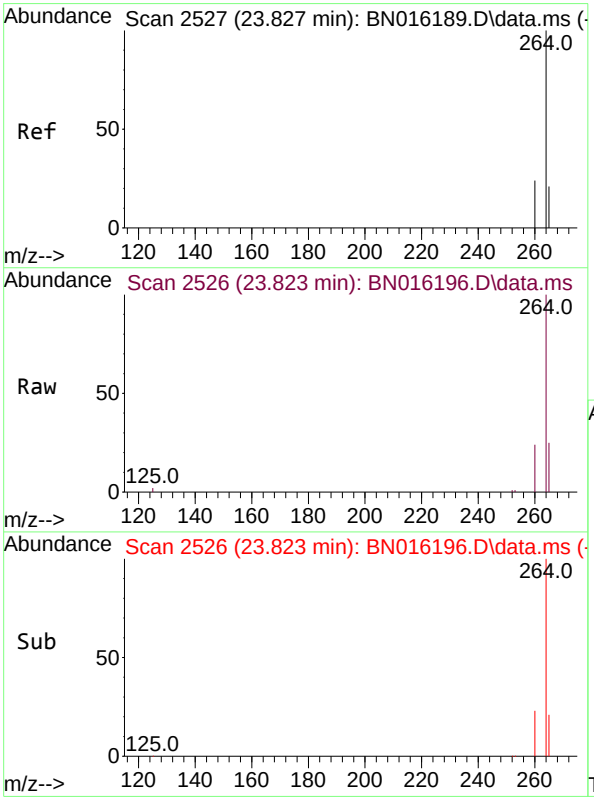


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.021 ng
RT: 21.344 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BN016196.D
Acq: 04 Sep 2021 16:51

Tgt Ion:149 Resp: 4049

Ion	Ratio	Lower	Upper
149	100		
167	30.6	24.2	36.4
279	6.9	4.0	6.0#

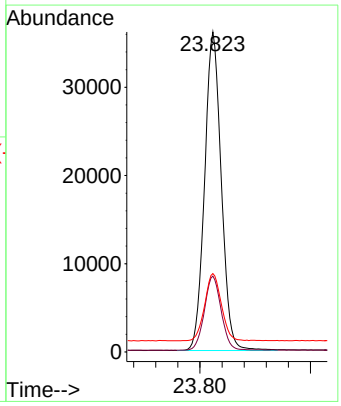




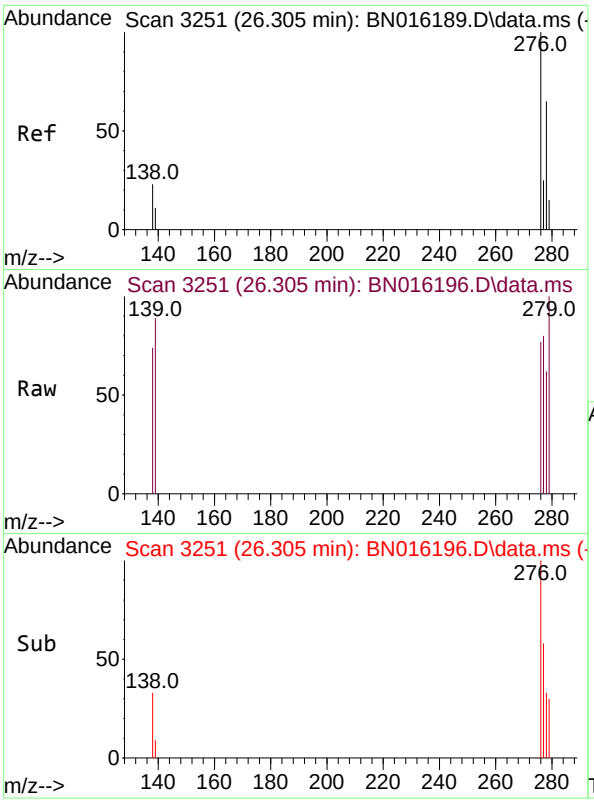
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.823 min Scan# 2526
Delta R.T. -0.003 min
Lab File: BN016196.D
Acq: 04 Sep 2021 16:51

Tgt Ion:264 Resp: 75705

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	24.5	20.2	30.2



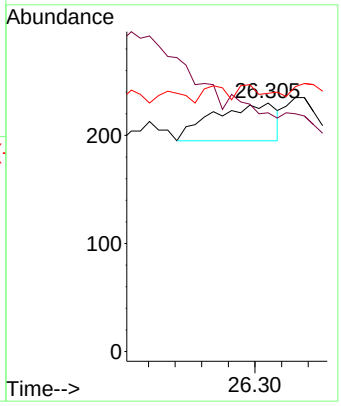
Instrument :
BNA_N
ClientSampleId :
PB138774BL

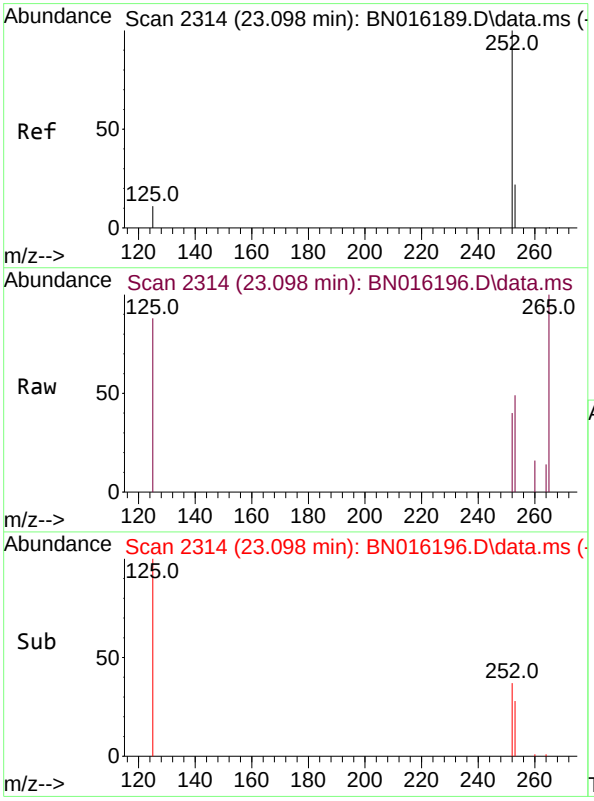


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.000 ng
RT: 26.305 min Scan# 3251
Delta R.T. 0.000 min
Lab File: BN016196.D
Acq: 04 Sep 2021 16:51

Tgt Ion:276 Resp: 58

Ion	Ratio	Lower	Upper
276	100		
138	0.0	19.5	29.3#
277	15.5	20.2	30.4#

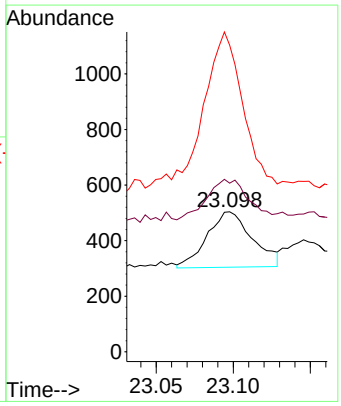




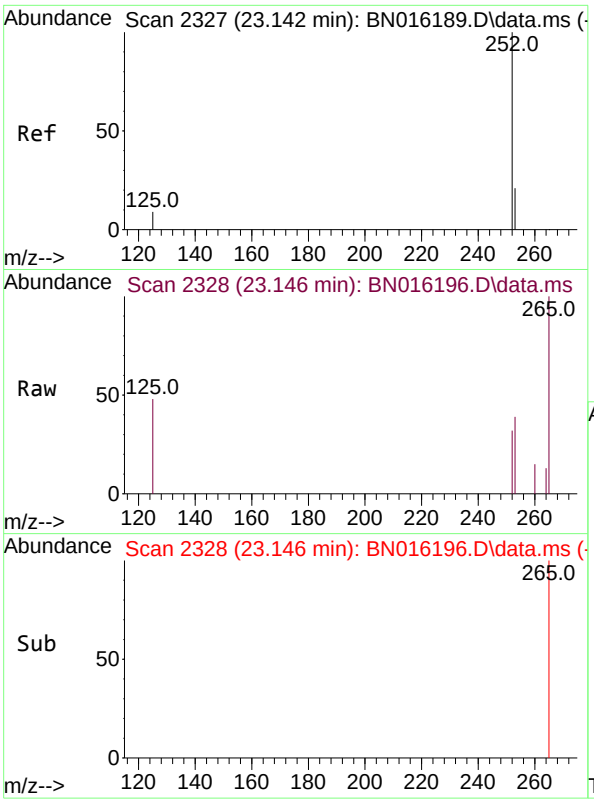
#37
Benzo(b)fluoranthene
Concen: 0.002 ng
RT: 23.098 min Scan# 2314
Delta R.T. 0.000 min
Lab File: BN016196.D
Acq: 04 Sep 2021 16:51

Tgt Ion:252 Resp: 408

Ion	Ratio	Lower	Upper
252	100		
253	120.4	18.6	27.8#
125	218.8	10.5	15.7#



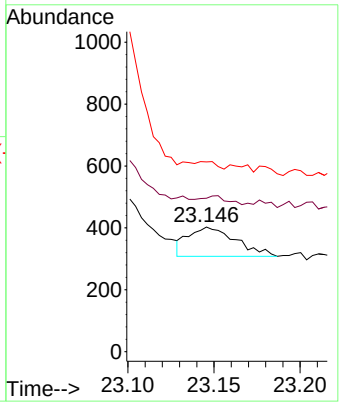
Instrument :
BNA_N
ClientSampleId :
PB138774BL

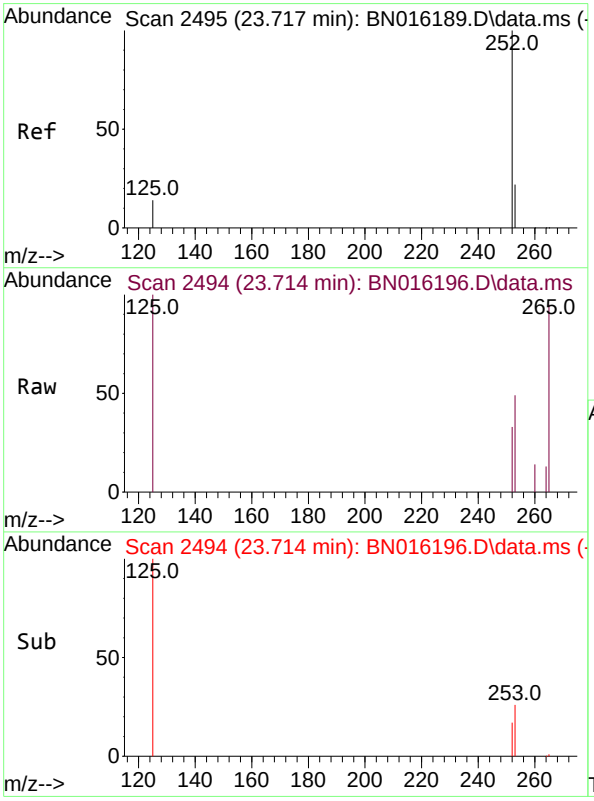


#38
Benzo(k)fluoranthene
Concen: 0.001 ng
RT: 23.146 min Scan# 2328
Delta R.T. 0.003 min
Lab File: BN016196.D
Acq: 04 Sep 2021 16:51

Tgt Ion:252 Resp: 182

Ion	Ratio	Lower	Upper
252	100		
253	123.1	18.2	27.2#
125	152.1	9.1	13.7#

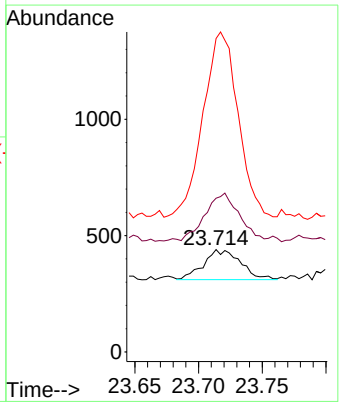




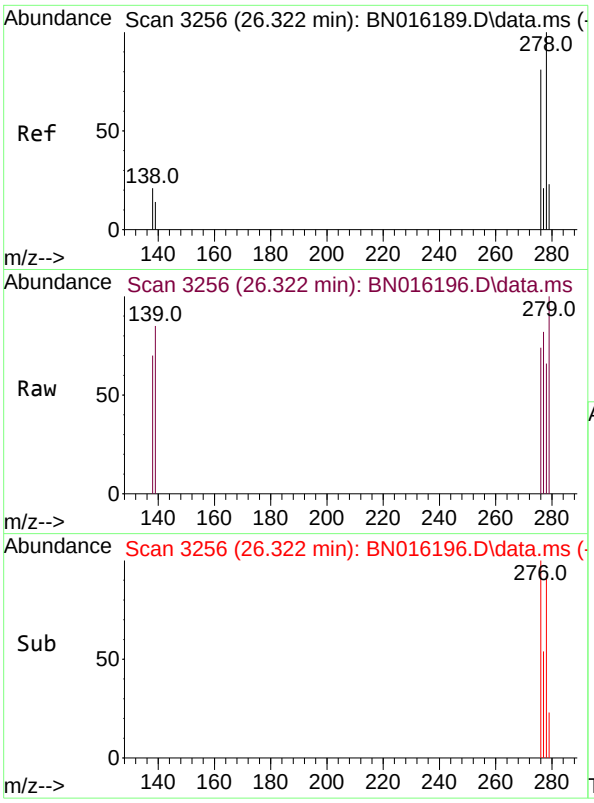
#39
Benzo(a)pyrene
Concen: 0.001 ng
RT: 23.714 min Scan# 2494
Delta R.T. -0.003 min
Lab File: BN016196.D
Acq: 04 Sep 2021 16:51

Tgt Ion:252 Resp: 260

Ion	Ratio	Lower	Upper
252	100		
253	150.2	19.0	28.4#
125	306.1	12.6	19.0#



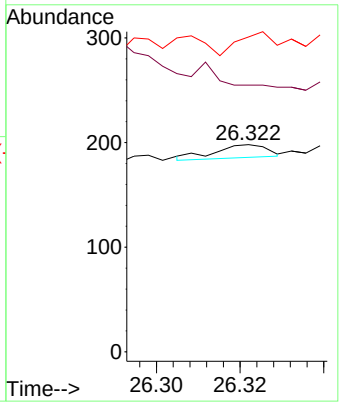
Instrument :
BNA_N
ClientSampleId :
PB138774BL

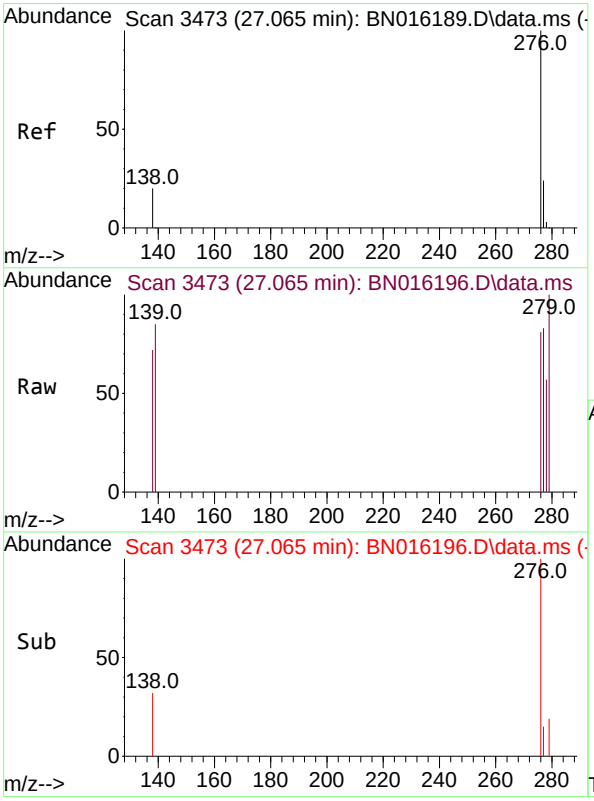


#40
Dibenzo(a,h)anthracene
Concen: 0.000 ng
RT: 26.322 min Scan# 3256
Delta R.T. 0.000 min
Lab File: BN016196.D
Acq: 04 Sep 2021 16:51

Tgt Ion:278 Resp: 11

Ion	Ratio	Lower	Upper
278	100		
139	128.8	14.0	21.0#
279	152.0	20.2	30.2#





#41
Benzo(g,h,i)perylene
Concen: 0.000 ng
RT: 27.065 min Scan# 3473
Delta R.T. 0.000 min
Lab File: BN016196.D
Acq: 04 Sep 2021 16:51

Tgt Ion:276 Resp: 53

Ion	Ratio	Lower	Upper
276	100		
277	101.6	20.3	30.5#
138	88.2	17.5	26.3#