Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092021\
Data File : BN016370.D
Acq On : 21 Sep 2021 07:55
Operator : CG/JU
Sample : M3733-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
NAPL-02-(8-10)-END-POINT

Quant Time: Sep 21 08:57:00 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 20 11:09:23 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.679	152	20655	0.400	ng	0.00
7) Naphthalene-d8	10.445	136	91034	0.400	ng	#-0.01
13) Acenaphthene-d10	14.307	164	61656	0.400	ng	0.00
19) Phenanthrene-d10	17.054	188	120422	0.400	ng	# 0.00
29) Chrysene-d12	21.259	240	138043	0.400	ng	# 0.00
35) Perylene-d12	23.526	264	132296	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	16238	0.313	ng	0.00
5) Phenol-d6	6.868	99	22119	0.352	ng	0.00
8) Nitrobenzene-d5	8.822	82	52353	0.968	ng	0.00
11) 2-Methylnaphthalene-d10	12.043	152	42468	0.296	ng	0.00
14) 2,4,6-Tribromophenol	15.804	330	6601	0.365	ng	0.00
15) 2-Fluorobiphenyl	12.924	172	54556	0.226	ng	-0.01
27) Fluoranthene-d10	19.098	212	93019	0.267	ng	0.00
31) Terphenyl-d14	19.708	244	76795	0.240	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.495	128	186577	0.761	ng	# 90
10) Hexachlorobutadiene	10.787	225	1334	0.029	ng	# 99
12) 2-Methylnaphthalene	12.114	142	54101	0.333	ng	97
18) Fluorene	15.360	166	12271	0.056	ng	# 89
20) 4,6-Dinitro-2-methylph...	15.411	198	562	0.241	ng	# 1
22) Hexachlorobenzene	16.360	284	2531	0.038	ng	# 1
23) Atrazine	16.579	200	1544	0.024	ng	# 1
24) Pentachlorophenol	16.750	266	1446	0.065	ng	# 21
25) Phenanthrene	17.091	178	100284	0.295	ng	# 84
26) Anthracene	17.188	178	7444	0.023	ng	# 53
28) Fluoranthene	19.127	202	68986	0.176	ng	97
30) Pyrene	19.490	202	74201	0.170	ng	# 93
32) Benzo(a)anthracene	21.249	228	49213	0.111	ng	# 59
33) Chrysene	21.291	228	65884	0.154	ng	# 67
34) Bis(2-ethylhexyl)phtha...	21.196	149	6114102	25.562	ng	97
36) Indeno(1,2,3-cd)pyrene	25.822	276	25381	0.059	ng	# 82
37) Benzo(b)fluoranthene	22.844	252	75486	0.180	ng	# 1
39) Benzo(a)pyrene	23.426	252	54522	0.143	ng	# 1
40) Dibenzo(a,h)anthracene	25.833	278	8694	0.024	ng	# 1
41) Benzo(g,h,i)perylene	26.524	276	31432	0.087	ng	# 64

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092021\
Data File : BN016370.D
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Sample : M3733-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
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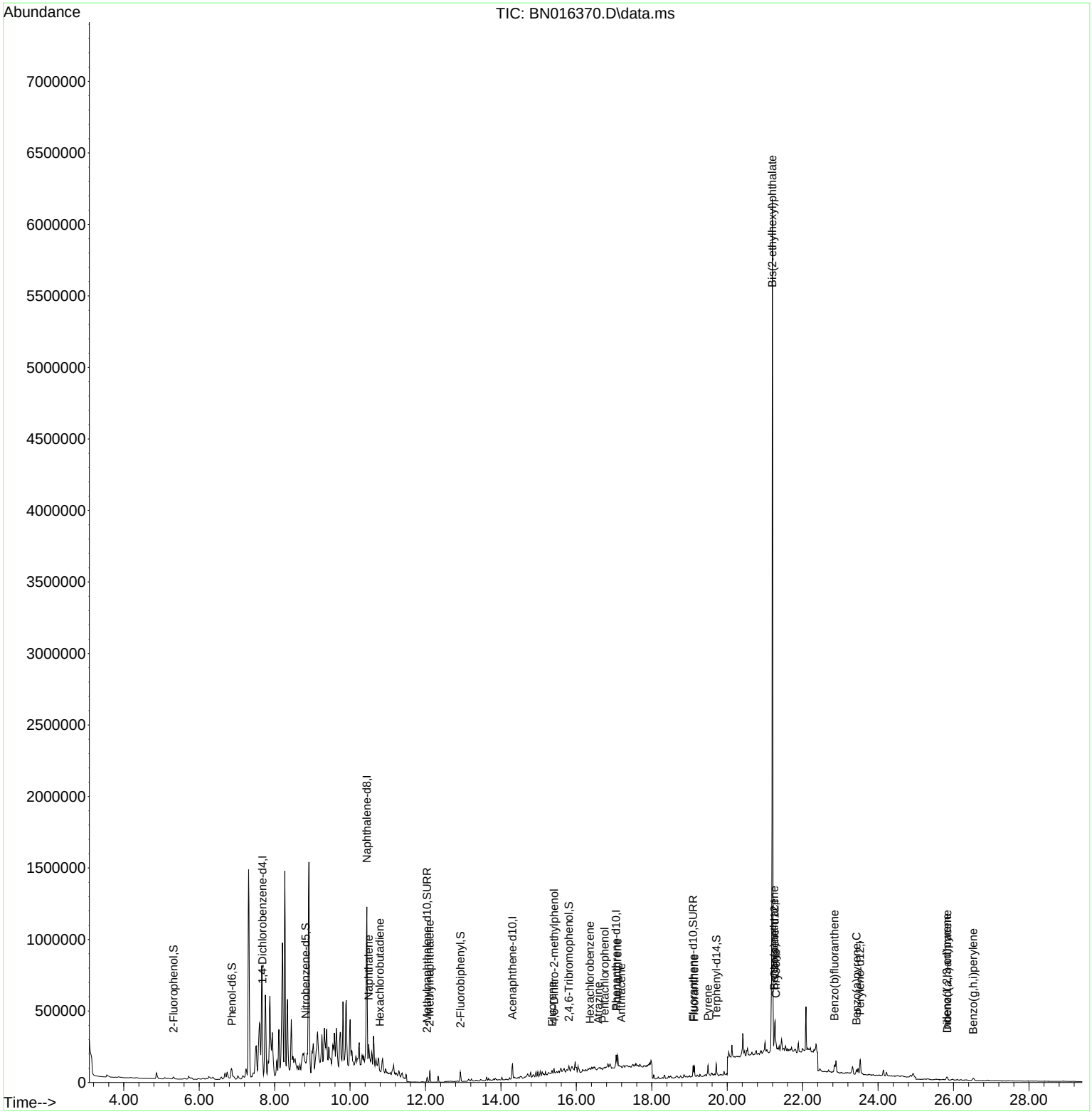
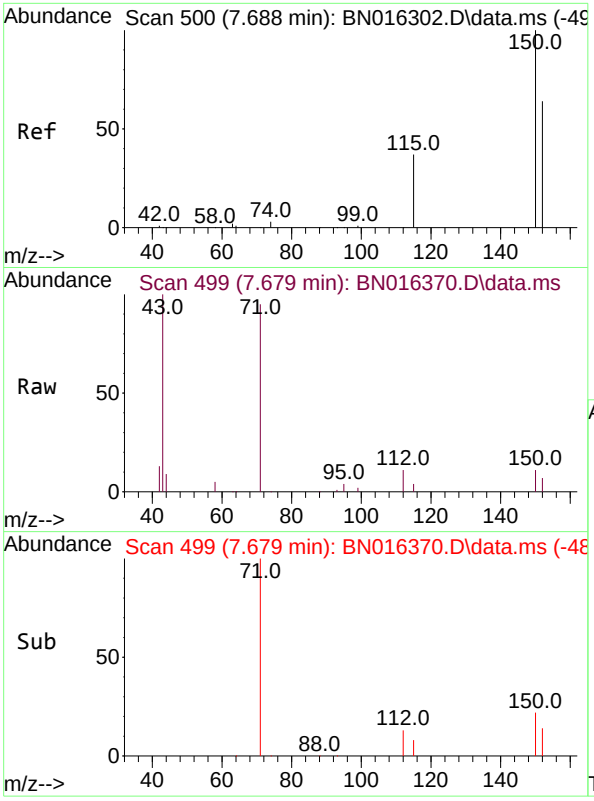
NAPL-02-(8-10)-END-POINT

Quant Time: Sep 21 08:57:00 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 20 11:09:23 2021
Response via : Initial Calibration

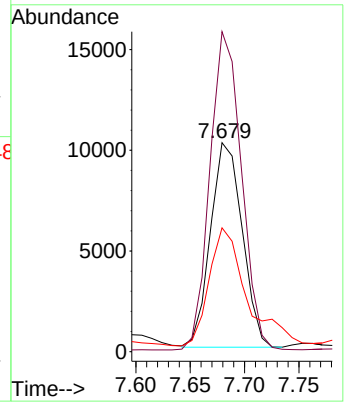




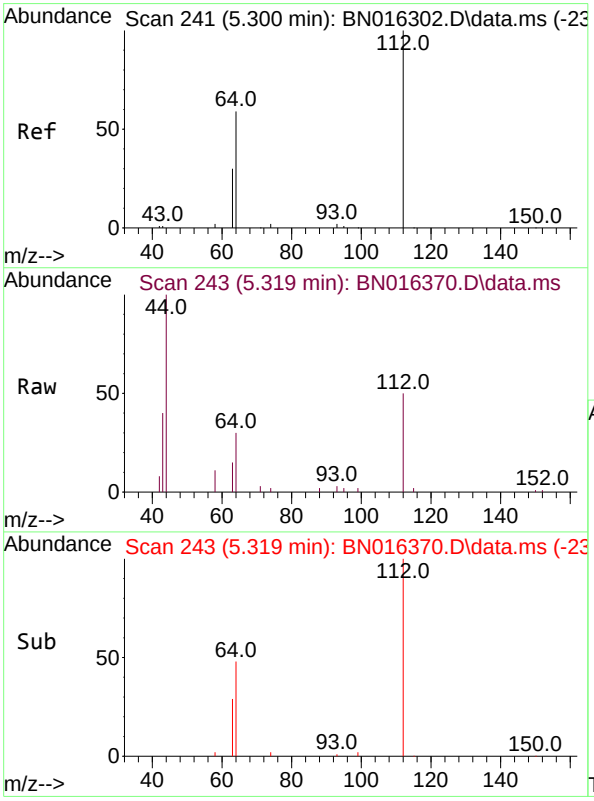
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.679 min Scan# 499
Delta R.T. -0.009 min
Lab File: BN016370.D
Acq: 21 Sep 2021 07:55

Tgt Ion:152 Resp: 20655

Ion	Ratio	Lower	Upper
152	100		
150	153.1	125.6	188.4
115	59.3	50.2	75.2



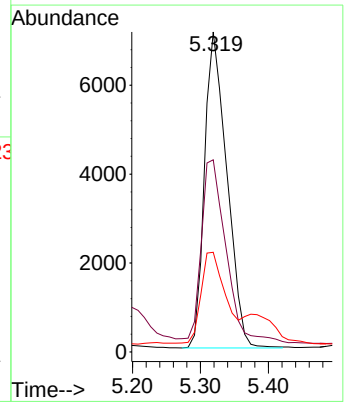
Instrument :
BNA_N
ClientSampleId :
NAPL-02-(8-10)-END-POINT



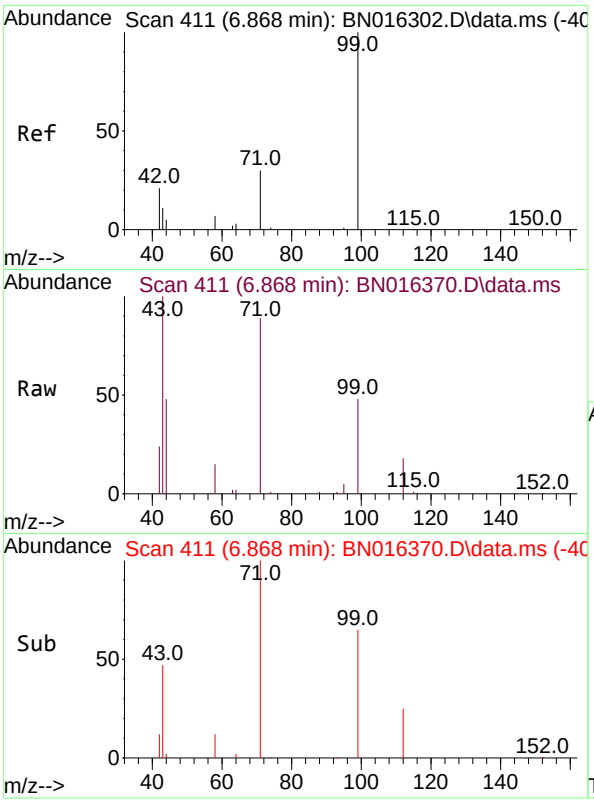
#4
2-Fluorophenol
Concen: 0.313 ng
RT: 5.319 min Scan# 243
Delta R.T. 0.010 min
Lab File: BN016370.D
Acq: 21 Sep 2021 07:55

Tgt Ion:112 Resp: 16238

Ion	Ratio	Lower	Upper
112	100		
64	62.3	47.3	70.9
63	31.4	23.4	35.0



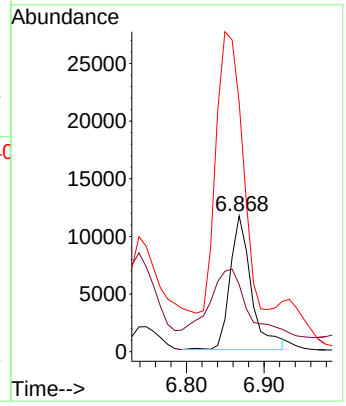
Instrument :
BNA_N
ClientSampleId :
NAPL-02-(8-10)-END-POINT

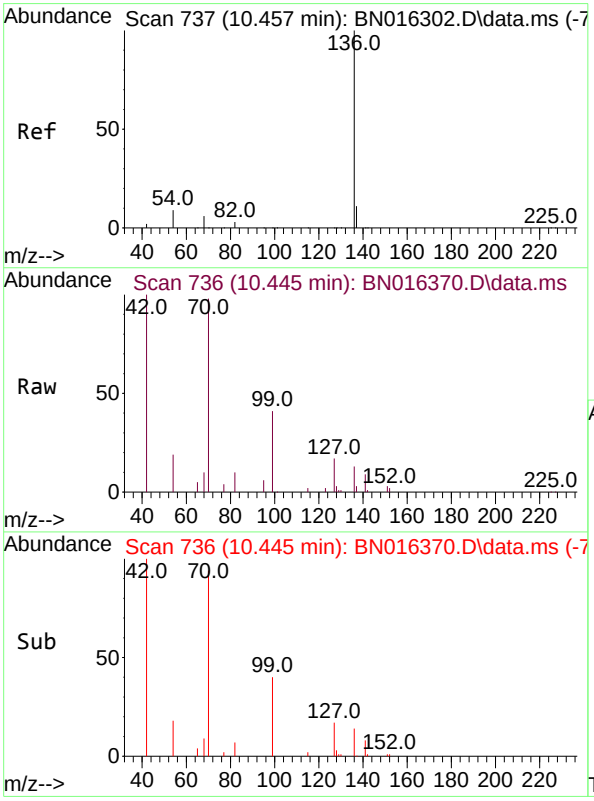


#5
Phenol-d6
Concen: 0.352 ng
RT: 6.868 min Scan# 411
Delta R.T. 0.000 min
Lab File: BN016370.D
Acq: 21 Sep 2021 07:55

Tgt Ion: 99 Resp: 22119

Ion	Ratio	Lower	Upper
99	100		
42	70.5	14.0	21.0#
71	256.7	23.8	35.6#

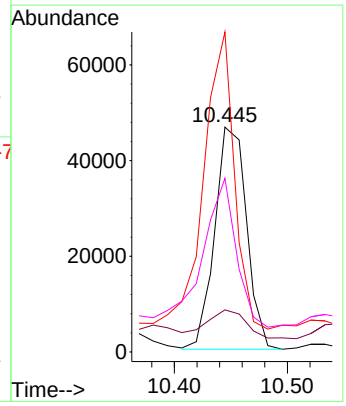




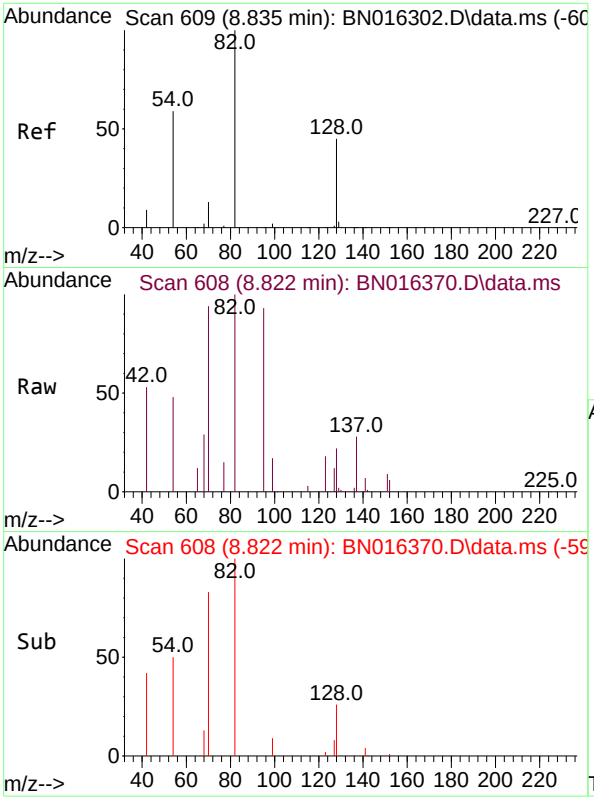
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.445 min Scan# 736
Delta R.T. -0.012 min
Lab File: BN016370.D
Acq: 21 Sep 2021 07:55

Tgt Ion:136 Resp: 91034

Ion	Ratio	Lower	Upper
136	100		
137	18.7	8.8	13.2#
54	142.3	5.3	7.9#
68	77.2	3.9	5.9#



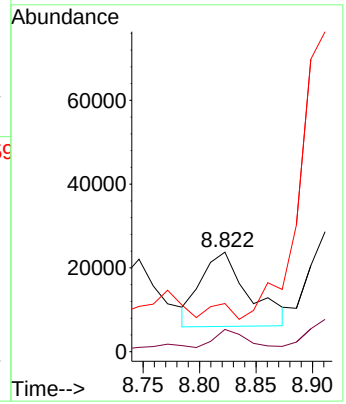
Instrument :
BNA_N
ClientSampleId :
NAPL-02-(8-10)-END-POINT

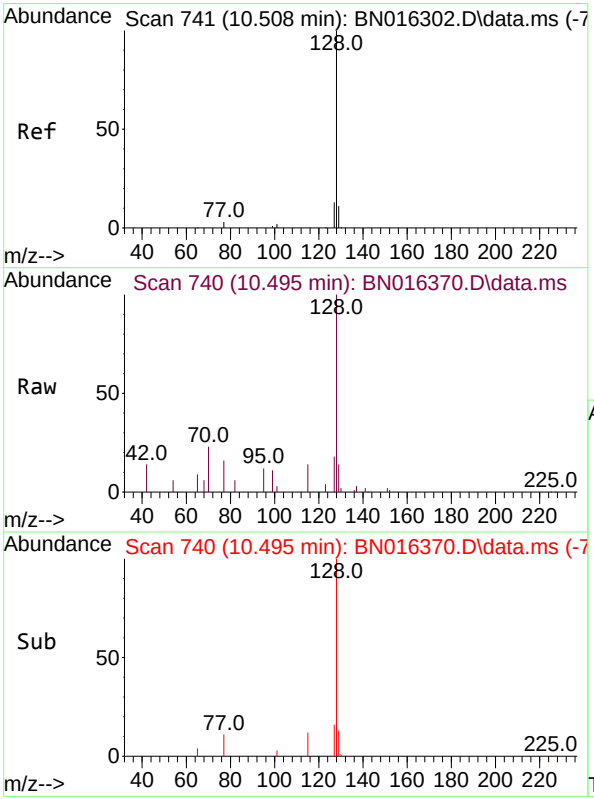


#8
Nitrobenzene-d5
Concen: 0.968 ng
RT: 8.822 min Scan# 608
Delta R.T. 0.000 min
Lab File: BN016370.D
Acq: 21 Sep 2021 07:55

Tgt Ion: 82 Resp: 52353

Ion	Ratio	Lower	Upper
82	100		
128	22.4	31.7	47.5#
54	48.4	46.4	69.6

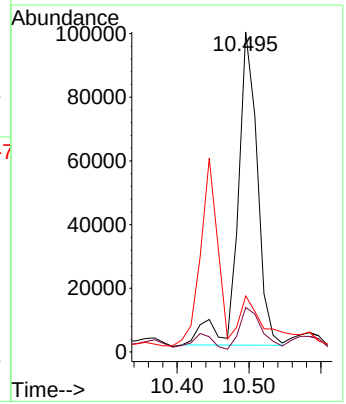




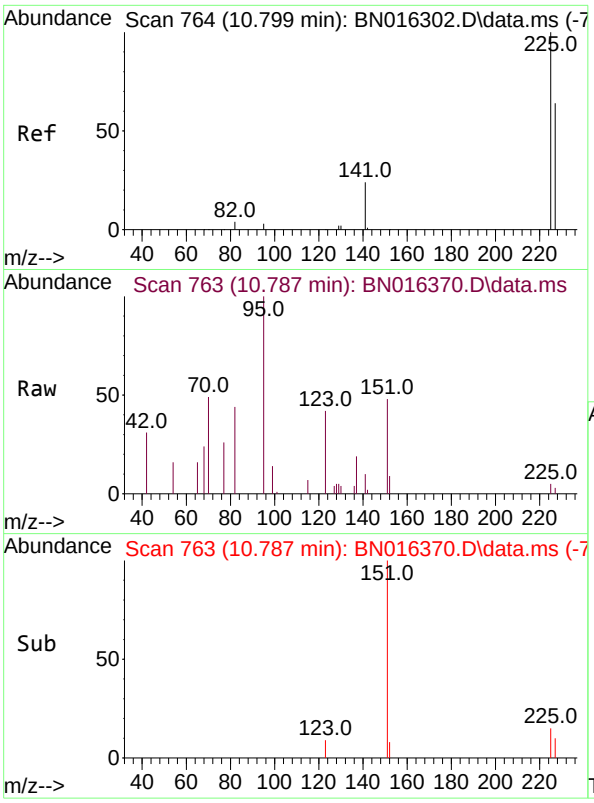
#9
Naphthalene
Concen: 0.761 ng
RT: 10.495 min Scan# 740
Delta R.T. 0.000 min
Lab File: BN016370.D
Acq: 21 Sep 2021 07:55

Tgt Ion:128 Resp: 186577

Ion	Ratio	Lower	Upper
128	100		
129	13.9	8.9	13.3#
127	17.5	10.1	15.1#



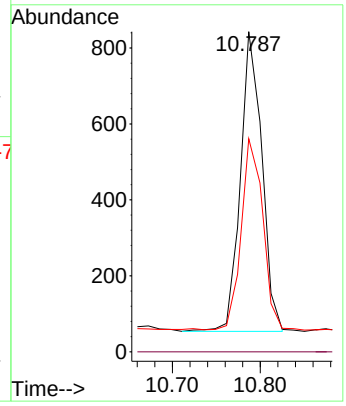
Instrument :
BNA_N
ClientSampleId :
NAPL-02-(8-10)-END-POINT

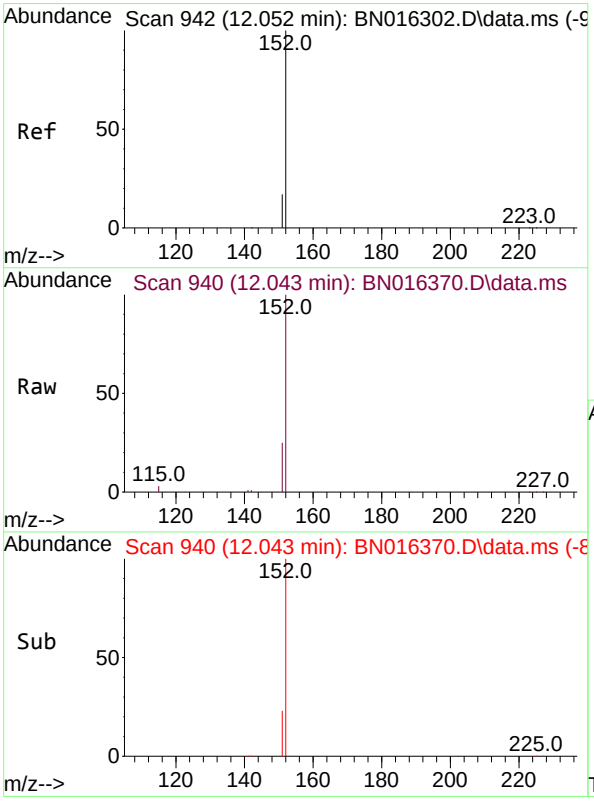


#10
Hexachlorobutadiene
Concen: 0.029 ng
RT: 10.787 min Scan# 763
Delta R.T. 0.000 min
Lab File: BN016370.D
Acq: 21 Sep 2021 07:55

Tgt Ion:225 Resp: 1334

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.6	51.5	77.3

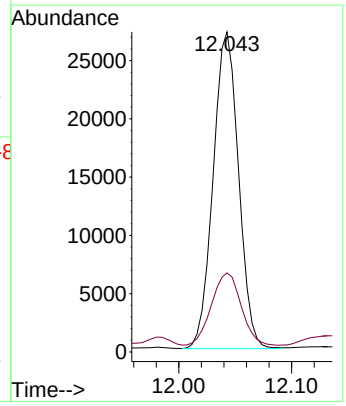




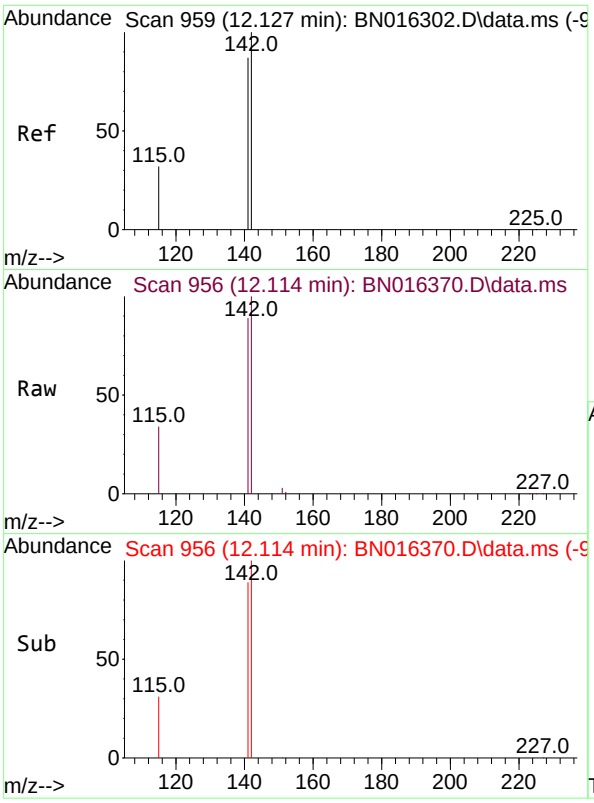
#11
2-Methylnaphthalene-d10
Concen: 0.296 ng
RT: 12.043 min Scan# 940
Delta R.T. -0.004 min
Lab File: BN016370.D
Acq: 21 Sep 2021 07:55

Tgt Ion:152 Resp: 42468

Ion	Ratio	Lower	Upper
152	100		
151	27.3	16.1	24.1#



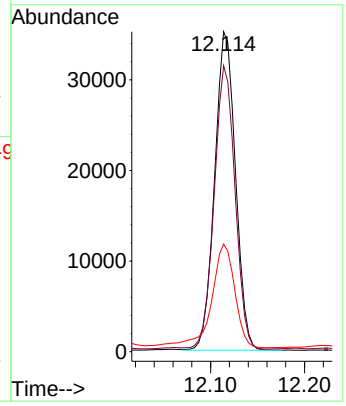
Instrument :
BNA_N
ClientSampleId :
NAPL-02-(8-10)-END-POINT

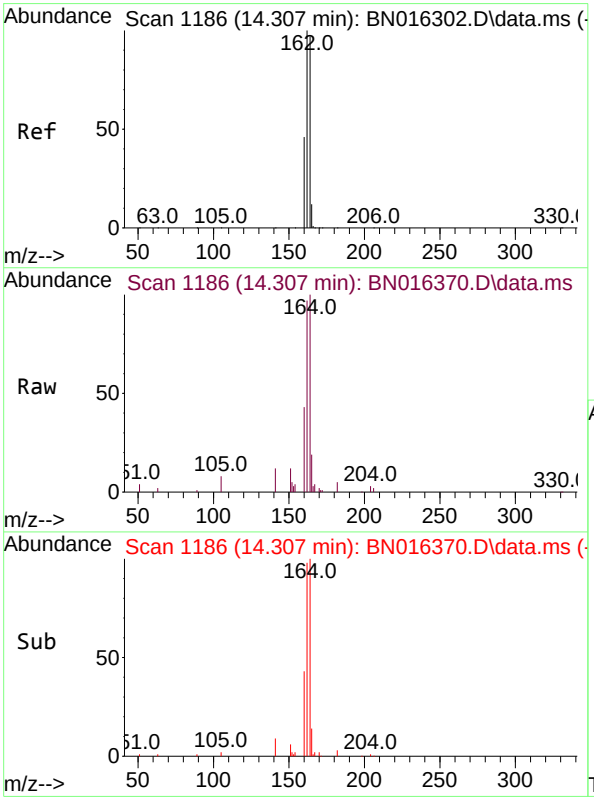


#12
2-Methylnaphthalene
Concen: 0.333 ng
RT: 12.114 min Scan# 956
Delta R.T. -0.004 min
Lab File: BN016370.D
Acq: 21 Sep 2021 07:55

Tgt Ion:142 Resp: 54101

Ion	Ratio	Lower	Upper
142	100		
141	89.4	69.8	104.8
115	33.6	24.4	36.6

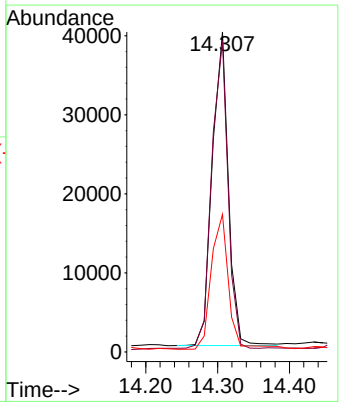




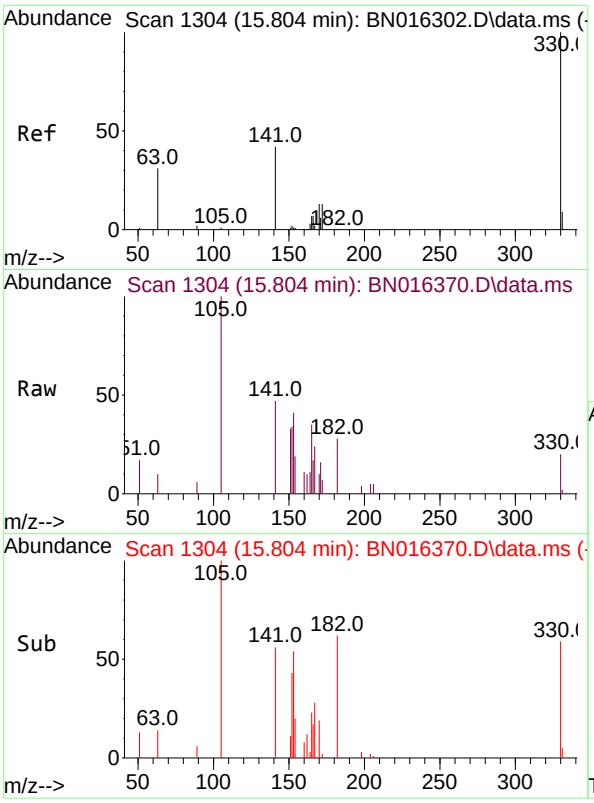
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.307 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BN016370.D
Acq: 21 Sep 2021 07:55

Tgt Ion:164 Resp: 61656

Ion	Ratio	Lower	Upper
164	100		
162	97.1	79.0	118.4
160	43.0	34.1	51.1



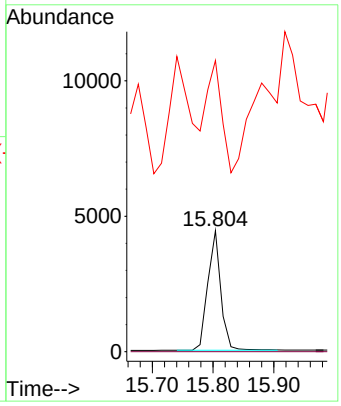
Instrument :
BNA_N
ClientSampleId :
NAPL-02-(8-10)-END-POINT

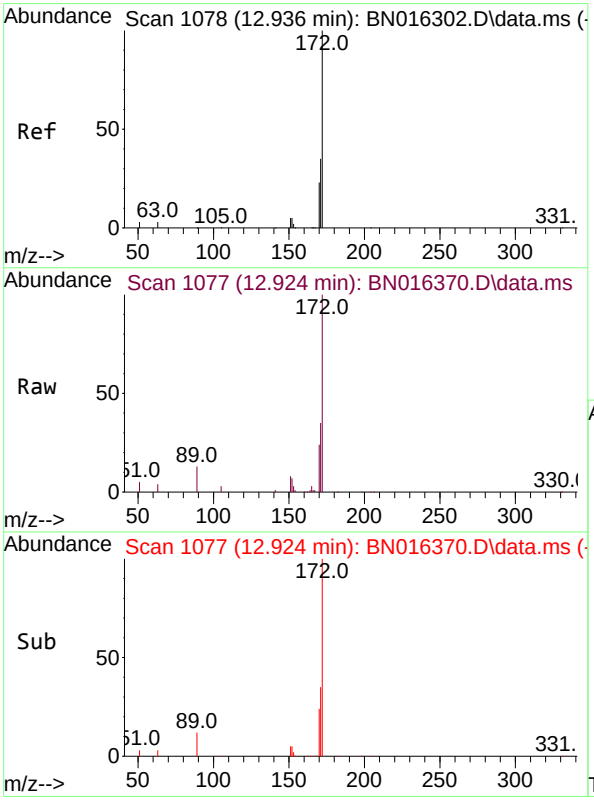


#14
2,4,6-Tribromophenol
Concen: 0.365 ng
RT: 15.804 min Scan# 1304
Delta R.T. 0.000 min
Lab File: BN016370.D
Acq: 21 Sep 2021 07:55

Tgt Ion:330 Resp: 6601

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	103.9	25.0	37.4#

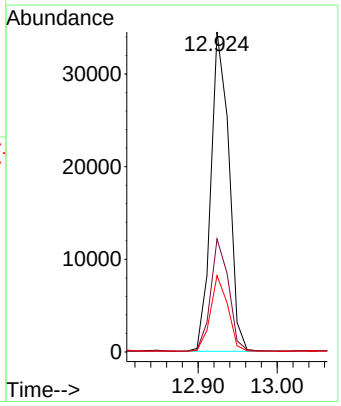




#15
2-Fluorobiphenyl
Concen: 0.226 ng
RT: 12.924 min Scan# 1077
Delta R.T. -0.012 min
Lab File: BN016370.D
Acq: 21 Sep 2021 07:55

Tgt Ion:172 Resp: 54556

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.8	41.6
170	23.9	18.2	27.2



Instrument :
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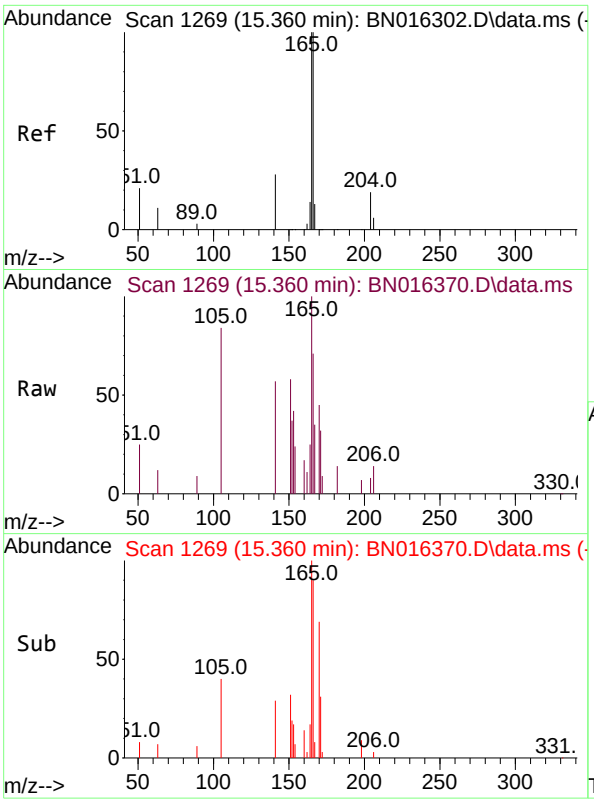
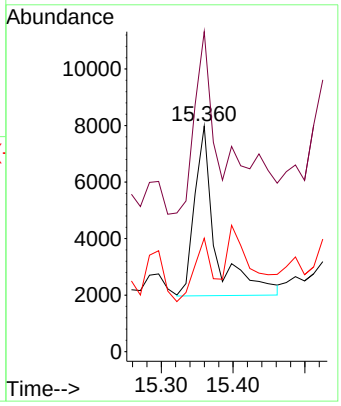
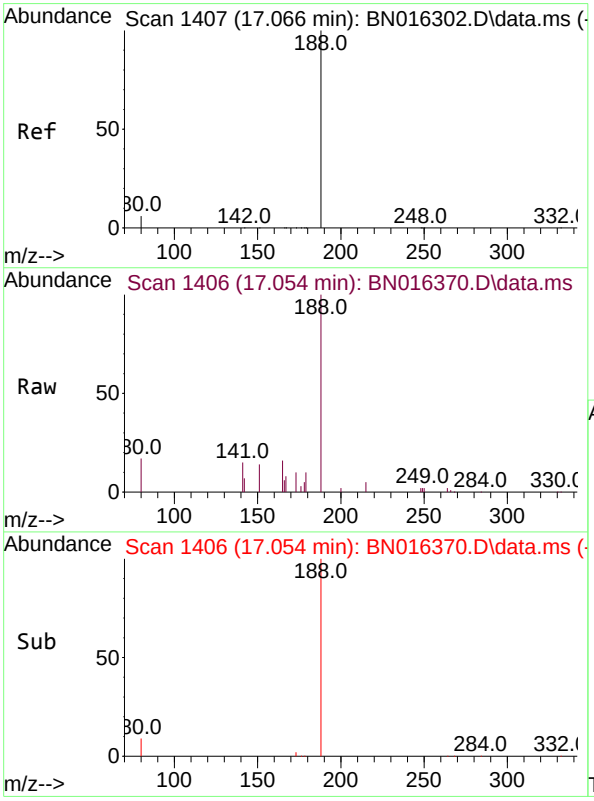


#18
Fluorene
Concen: 0.056 ng
RT: 15.360 min Scan# 1269
Delta R.T. 0.000 min
Lab File: BN016370.D
Acq: 21 Sep 2021 07:55

Tgt Ion:166 Resp: 12271

Ion	Ratio	Lower	Upper
166	100		
165	90.7	76.7	115.1
167	33.8	10.9	16.3#

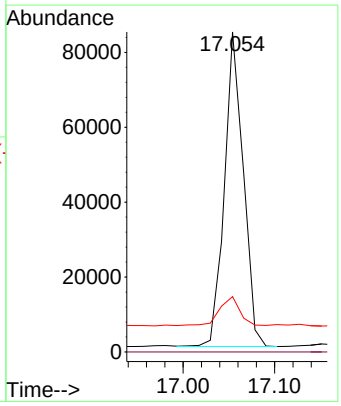




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.054 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BN016370.D
Acq: 21 Sep 2021 07:55

Tgt Ion:188 Resp: 120422

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	17.3	7.0	10.6#



Instrument :
BNA_N
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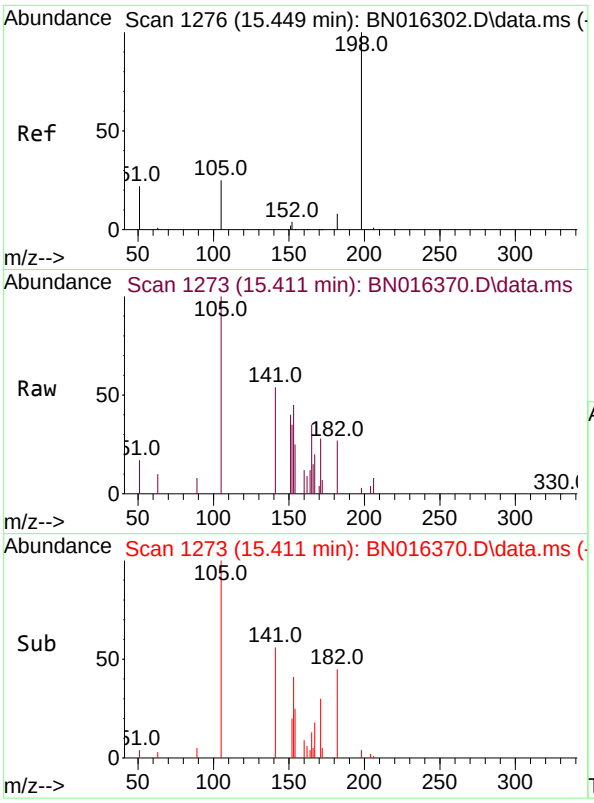
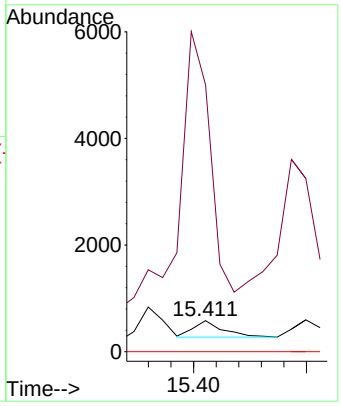
NAPL-02-(8-10)-END-POINT

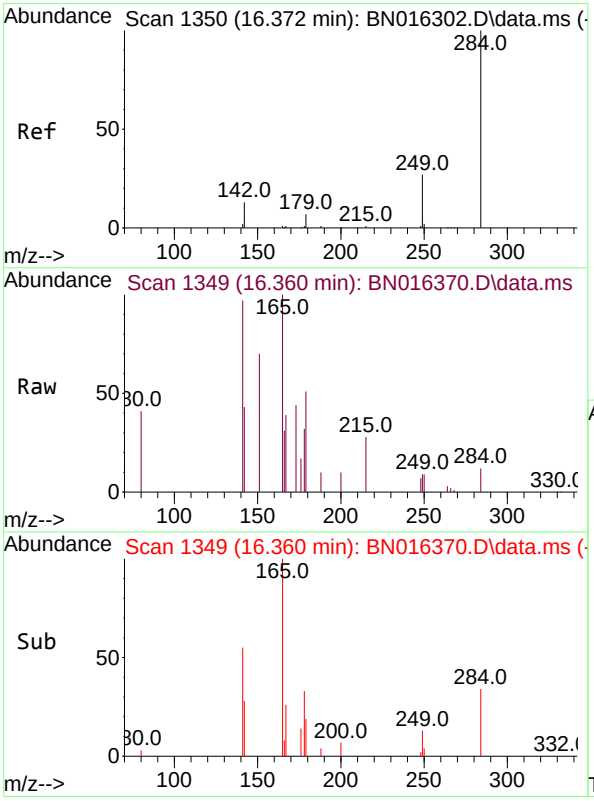


#20
4,6-Dinitro-2-methylphenol
Concen: 0.241 ng
RT: 15.411 min Scan# 1273
Delta R.T. -0.025 min
Lab File: BN016370.D
Acq: 21 Sep 2021 07:55

Tgt Ion:198 Resp: 562

Ion	Ratio	Lower	Upper
198	100		
182	862.1	26.6	39.8#
77	0.0	0.0	0.0

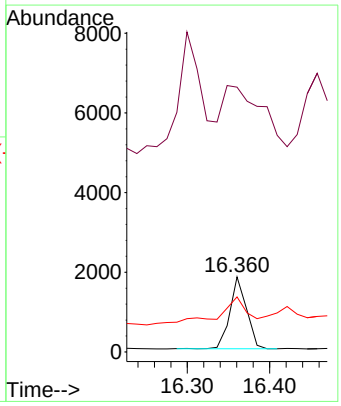




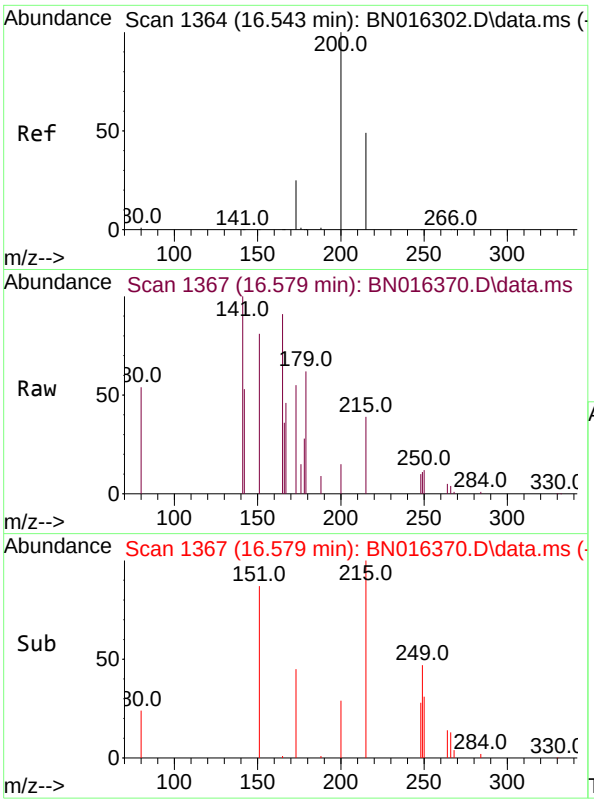
#22
Hexachlorobenzene
Concen: 0.038 ng
RT: 16.360 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BN016370.D
Acq: 21 Sep 2021 07:55

Tgt Ion:284 Resp: 2531

Ion	Ratio	Lower	Upper
284	100		
142	137.2	22.6	34.0#
249	47.7	24.4	36.6#



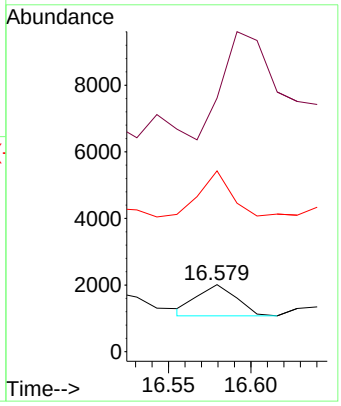
Instrument :
BNA_N
ClientSampleId :
NAPL-02-(8-10)-END-POINT

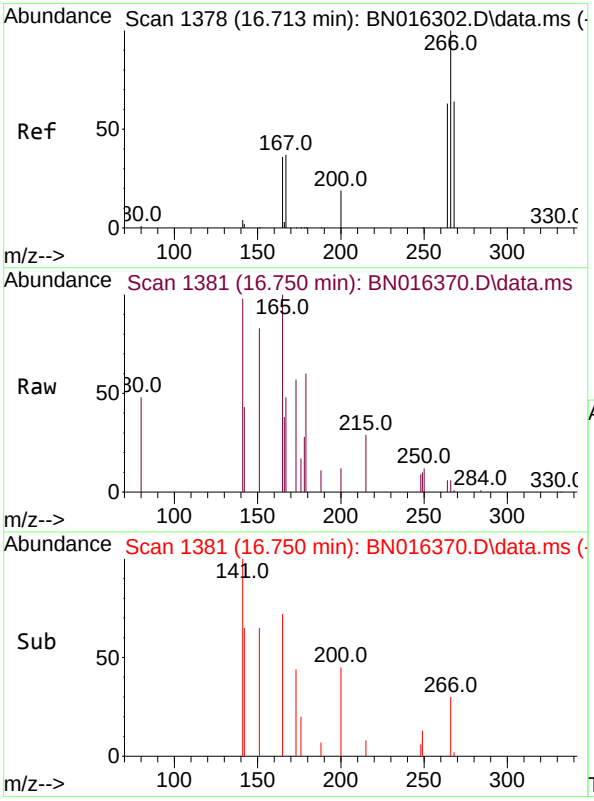


#23
Atrazine
Concen: 0.024 ng
RT: 16.579 min Scan# 1367
Delta R.T. 0.037 min
Lab File: BN016370.D
Acq: 21 Sep 2021 07:55

Tgt Ion:200 Resp: 1544

Ion	Ratio	Lower	Upper
200	100		
173	378.2	18.7	28.1#
215	269.5	41.6	62.4#

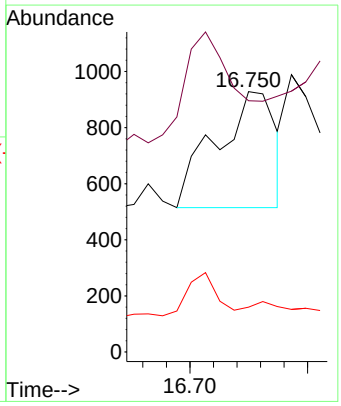




#24
Pentachlorophenol
Concen: 0.065 ng
RT: 16.750 min Scan# 1381
Delta R.T. 0.037 min
Lab File: BN016370.D
Acq: 21 Sep 2021 07:55

Tgt Ion:266 Resp: 1446

Ion	Ratio	Lower	Upper
266	100		
264	0.0	50.6	75.8#
268	5.5	52.6	79.0#



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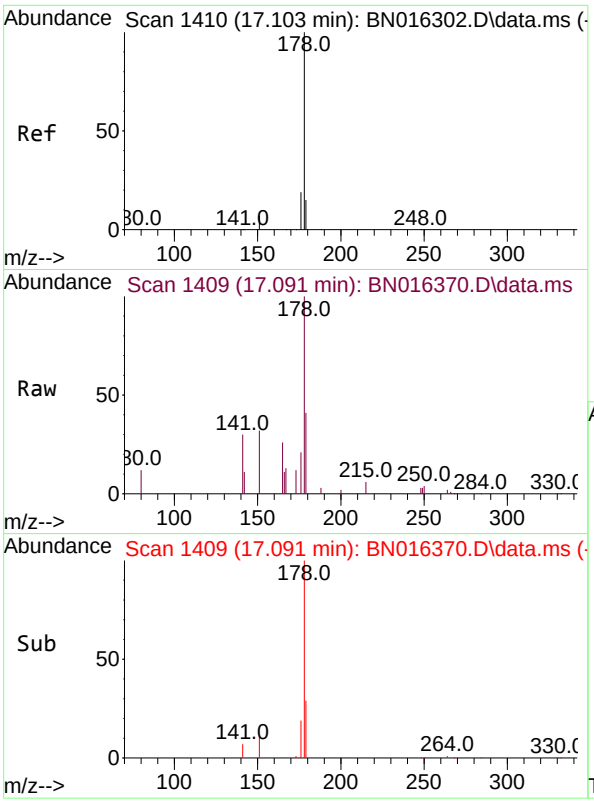
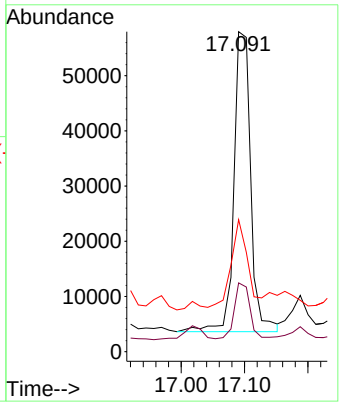
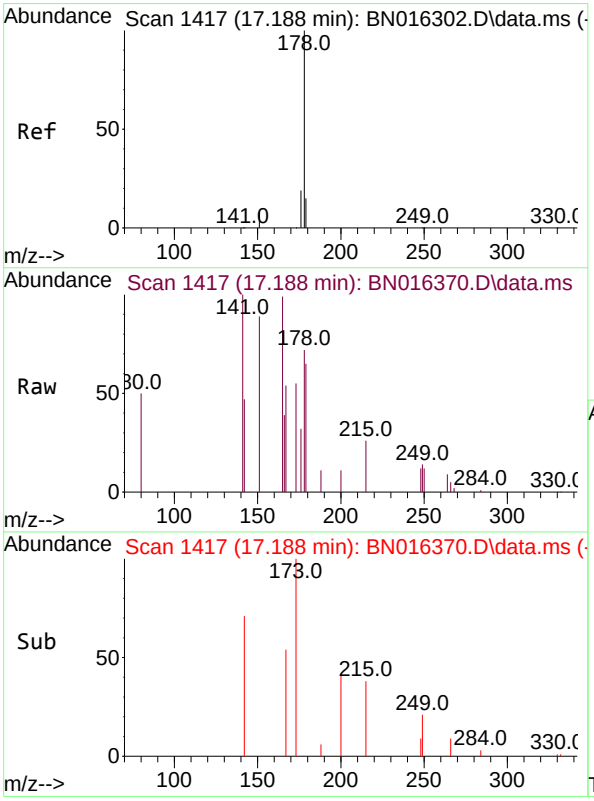


#25
Phenanthrene
Concen: 0.295 ng
RT: 17.091 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BN016370.D
Acq: 21 Sep 2021 07:55

Tgt Ion:178 Resp: 100284

Ion	Ratio	Lower	Upper
178	100		
176	17.1	14.4	21.6
179	28.4	12.2	18.4#

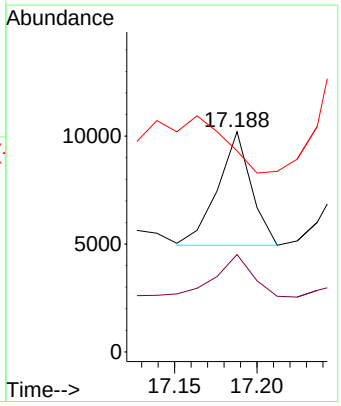


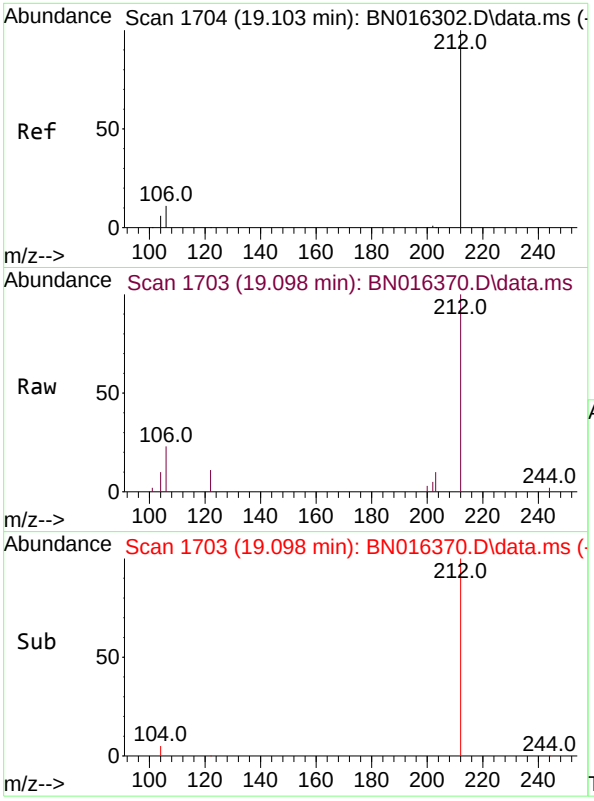


#26
Anthracene
Concen: 0.023 ng
RT: 17.188 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BN016370.D
Acq: 21 Sep 2021 07:55

Tgt Ion:178 Resp: 7444

Ion	Ratio	Lower	Upper
178	100		
176	41.9	13.9	20.9#
179	0.0	12.2	18.4#

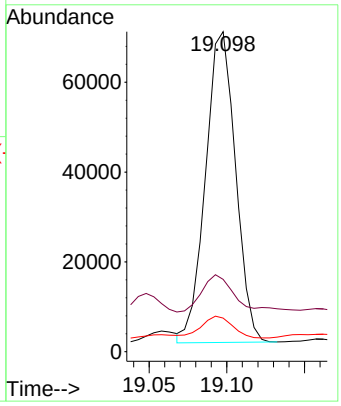




#27
Fluoranthene-d10
Concen: 0.267 ng
RT: 19.098 min Scan# 1703
Delta R.T. 0.000 min
Lab File: BN016370.D
Acq: 21 Sep 2021 07:55

Tgt Ion:212 Resp: 93019

Ion	Ratio	Lower	Upper
212	100		
106	14.5	9.8	14.6
104	7.4	5.4	8.2



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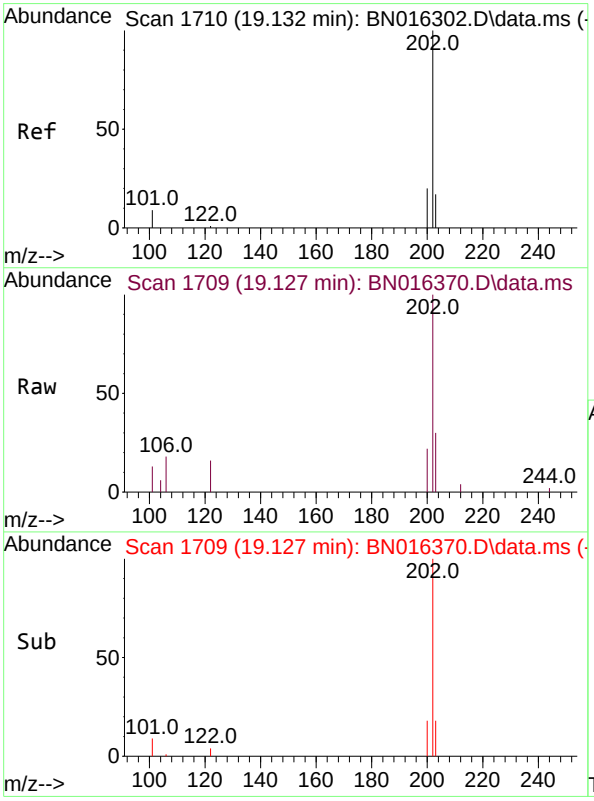
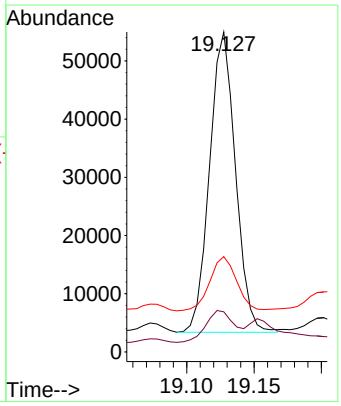


#28
Fluoranthene
Concen: 0.176 ng
RT: 19.127 min Scan# 1709
Delta R.T. 0.000 min
Lab File: BN016370.D
Acq: 21 Sep 2021 07:55

Tgt Ion:202 Resp: 68986

Ion	Ratio	Lower	Upper
202	100		
101	11.9	8.5	12.7
203	18.6	13.8	20.8



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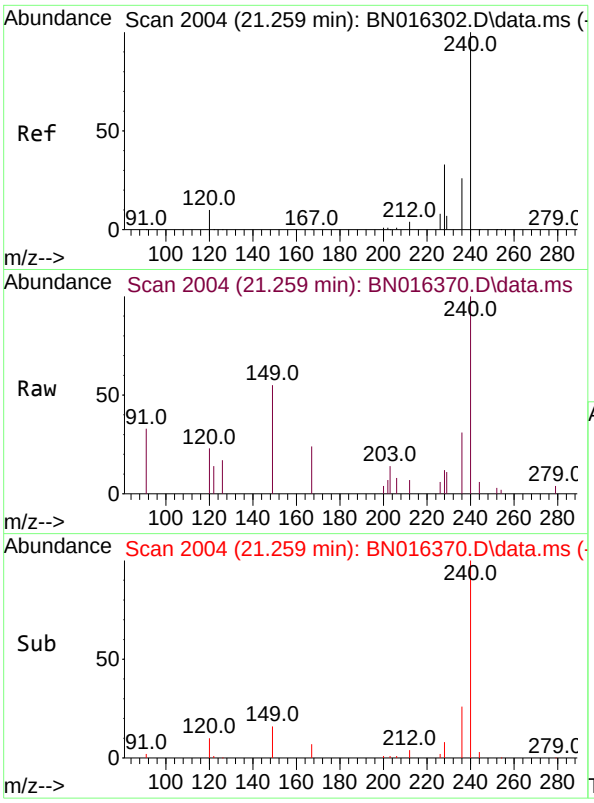
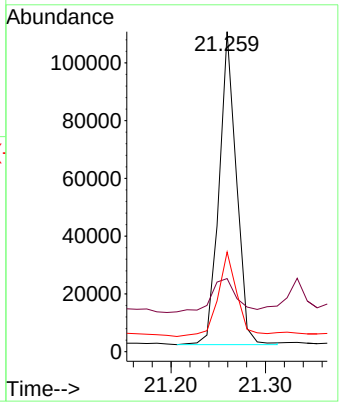
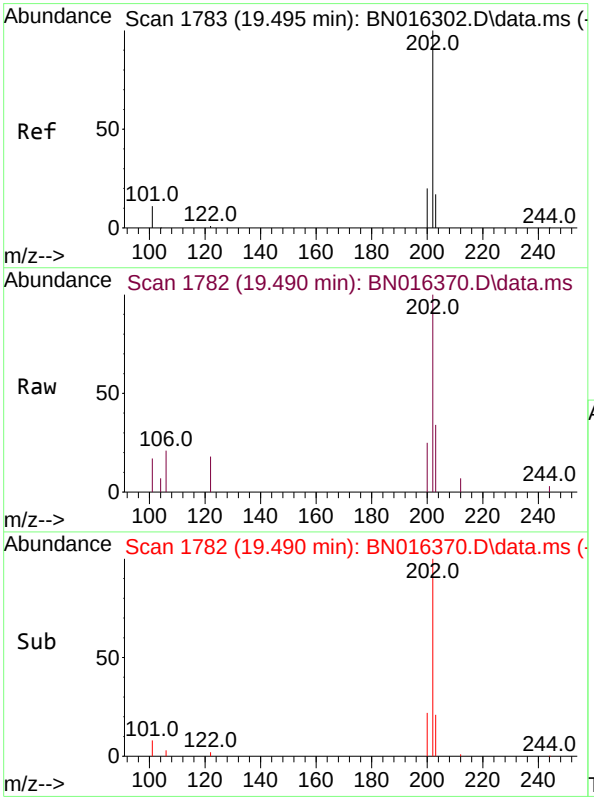


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.259 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BN016370.D
Acq: 21 Sep 2021 07:55

Tgt Ion:240 Resp: 138043

Ion	Ratio	Lower	Upper
240	100		
120	22.9	5.3	7.9#
236	31.2	19.8	29.8#

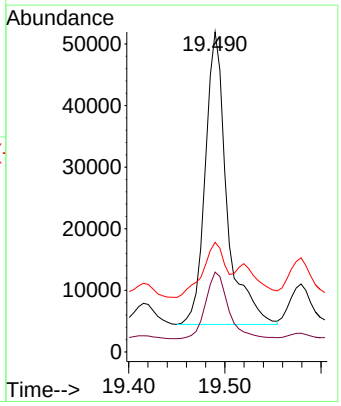




#30
Pyrene
Concen: 0.170 ng
RT: 19.490 min Scan# 1782
Delta R.T. 0.000 min
Lab File: BN016370.D
Acq: 21 Sep 2021 07:55

Tgt Ion:202 Resp: 74201

Ion	Ratio	Lower	Upper
202	100		
200	24.1	15.8	23.6#
203	19.3	13.9	20.9



Instrument :
BNA_N
ClientSampleId :
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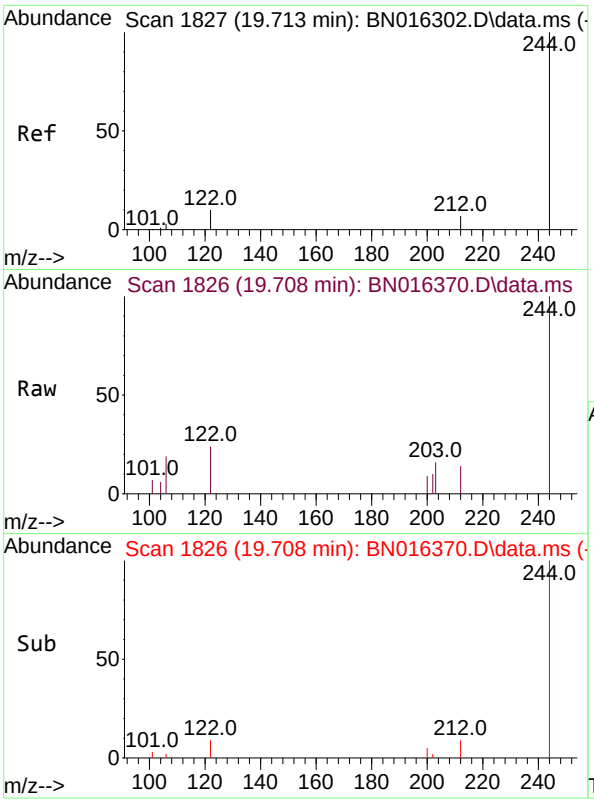
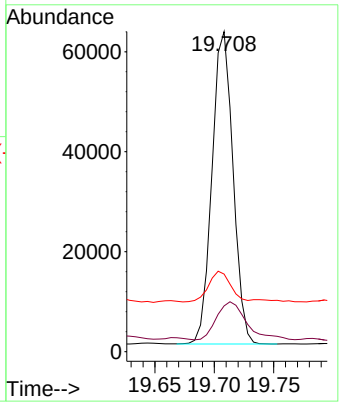
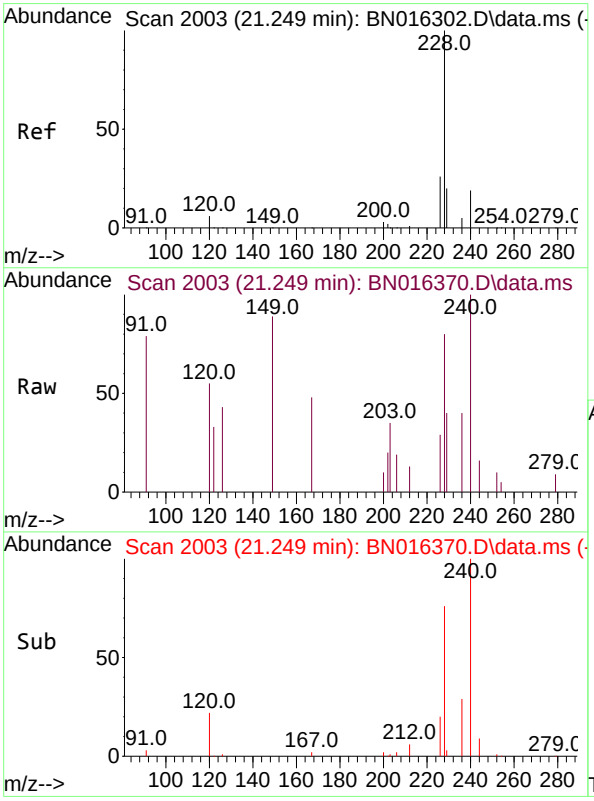


#31
Terphenyl-d14
Concen: 0.240 ng
RT: 19.708 min Scan# 1826
Delta R.T. 0.000 min
Lab File: BN016370.D
Acq: 21 Sep 2021 07:55

Tgt Ion:244 Resp: 76795

Ion	Ratio	Lower	Upper
244	100		
212	14.3	5.5	8.3#
122	24.3	9.0	13.4#

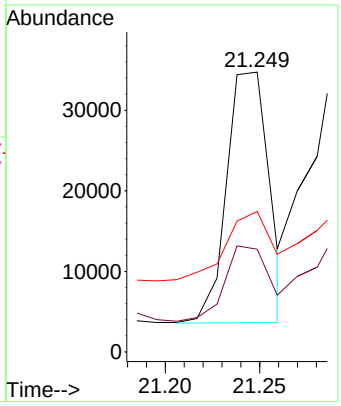




#32
Benzo(a)anthracene
Concen: 0.111 ng
RT: 21.249 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BN016370.D
Acq: 21 Sep 2021 07:55

Tgt Ion:228 Resp: 49213

Ion	Ratio	Lower	Upper
228	100		
226	36.7	20.8	31.2#
229	50.2	15.8	23.6#



Instrument :
BNA_N
ClientSampleId :
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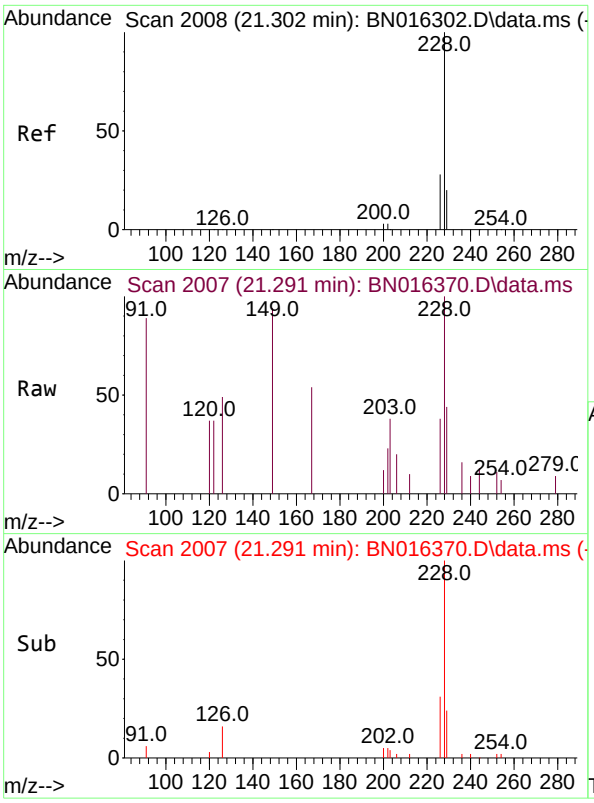
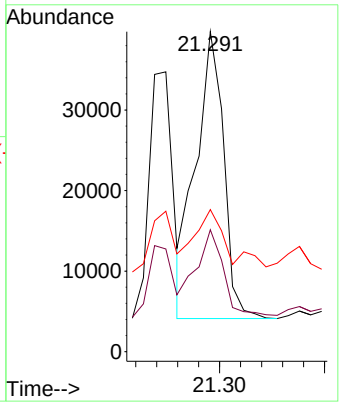
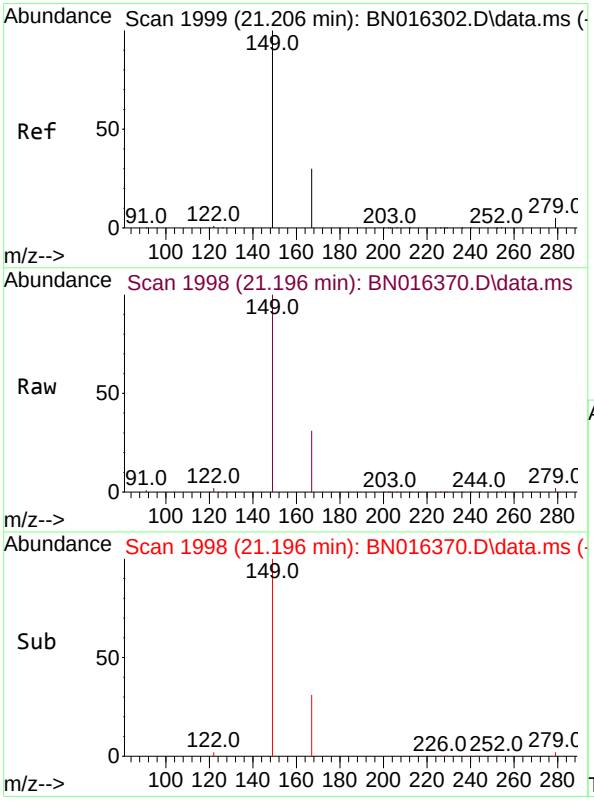


#33
Chrysene
Concen: 0.154 ng
RT: 21.291 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BN016370.D
Acq: 21 Sep 2021 07:55

Tgt Ion:228 Resp: 65884

Ion	Ratio	Lower	Upper
228	100		
226	38.1	23.0	34.4#
229	44.4	15.6	23.4#

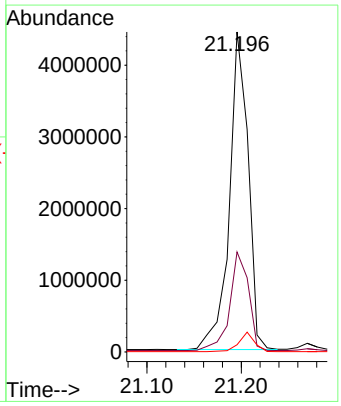


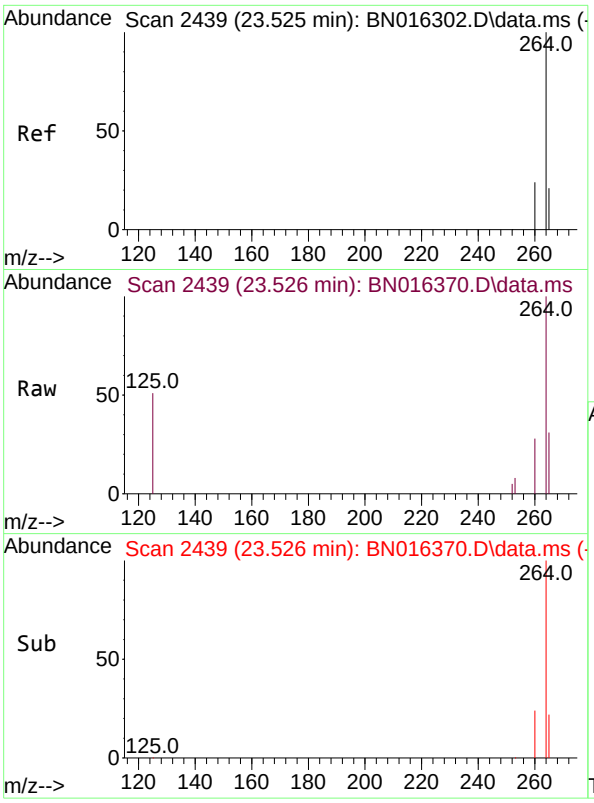


#34
Bis(2-ethylhexyl)phthalate
Concen: 25.562 ng
RT: 21.196 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BN016370.D
Acq: 21 Sep 2021 07:55

Tgt Ion:149 Resp: 6114102

Ion	Ratio	Lower	Upper
149	100		
167	31.1	23.4	35.0
279	5.1	3.9	5.9

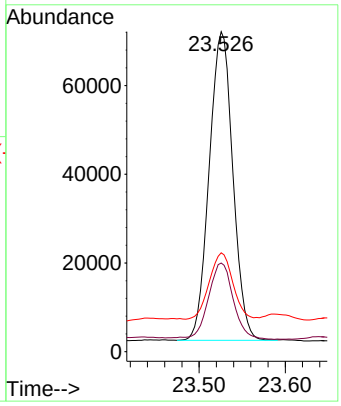




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.526 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BN016370.D
Acq: 21 Sep 2021 07:55

Tgt Ion:264 Resp: 132296

Ion	Ratio	Lower	Upper
264	100		
260	27.7	18.9	28.3
265	30.9	23.7	35.5



Instrument :
BNA_N
ClientSampleId :
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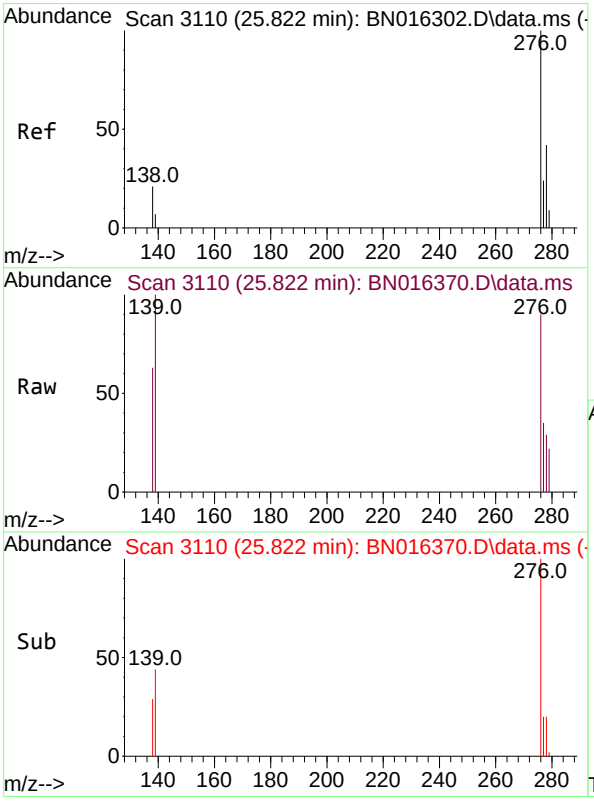
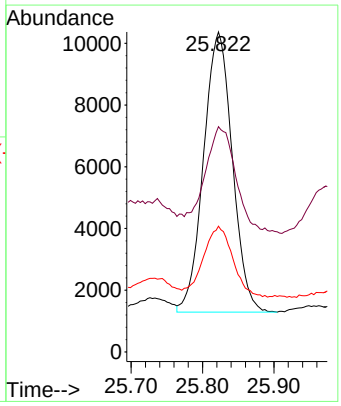
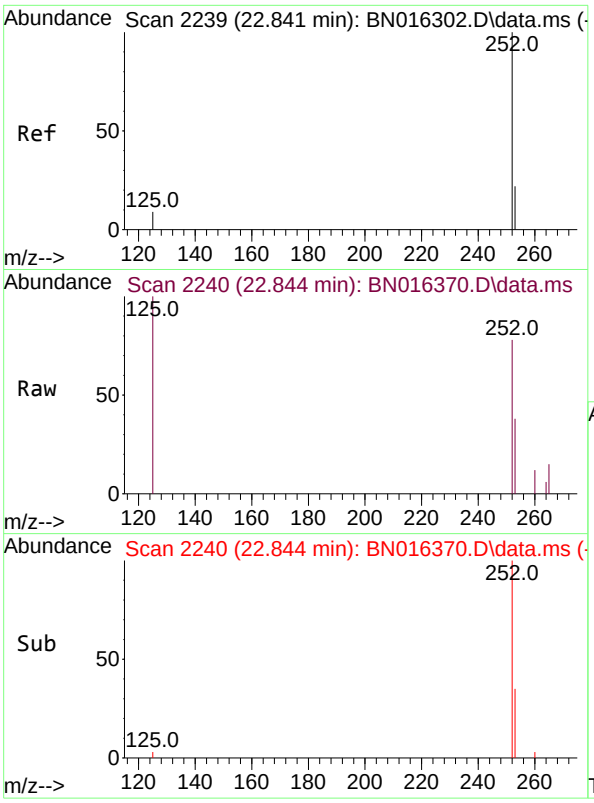


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.059 ng
RT: 25.822 min Scan# 3110
Delta R.T. 0.004 min
Lab File: BN016370.D
Acq: 21 Sep 2021 07:55

Tgt Ion:276 Resp: 25381

Ion	Ratio	Lower	Upper
276	100		
138	41.0	19.3	28.9#
277	26.1	20.2	30.2

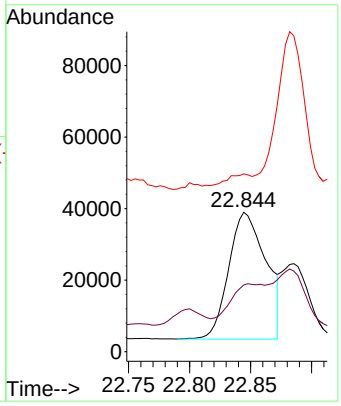




#37
Benzo(b)fluoranthene
Concen: 0.180 ng
RT: 22.844 min Scan# 2240
Delta R.T. 0.004 min
Lab File: BN016370.D
Acq: 21 Sep 2021 07:55

Tgt Ion:252 Resp: 75486

Ion	Ratio	Lower	Upper
252	100		
253	47.9	18.2	27.2#
125	127.4	8.4	12.6#



Instrument :
BNA_N
ClientSampleId :
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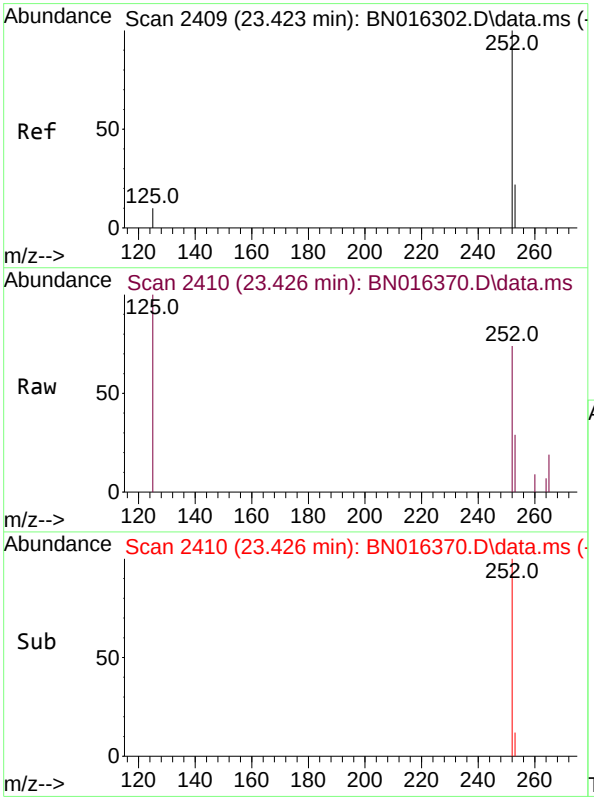
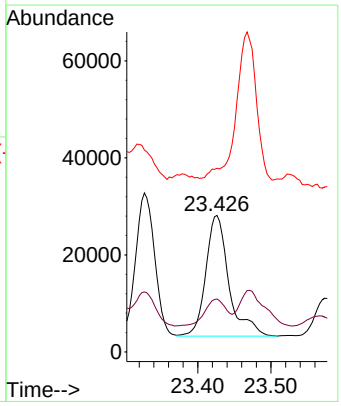


#39
Benzo(a)pyrene
Concen: 0.143 ng
RT: 23.426 min Scan# 2410
Delta R.T. 0.004 min
Lab File: BN016370.D
Acq: 21 Sep 2021 07:55

Tgt Ion:252 Resp: 54522

Ion	Ratio	Lower	Upper
252	100		
253	38.8	18.7	28.1#
125	134.6	9.9	14.9#



Instrument :
BNA_N
ClientSampleId :
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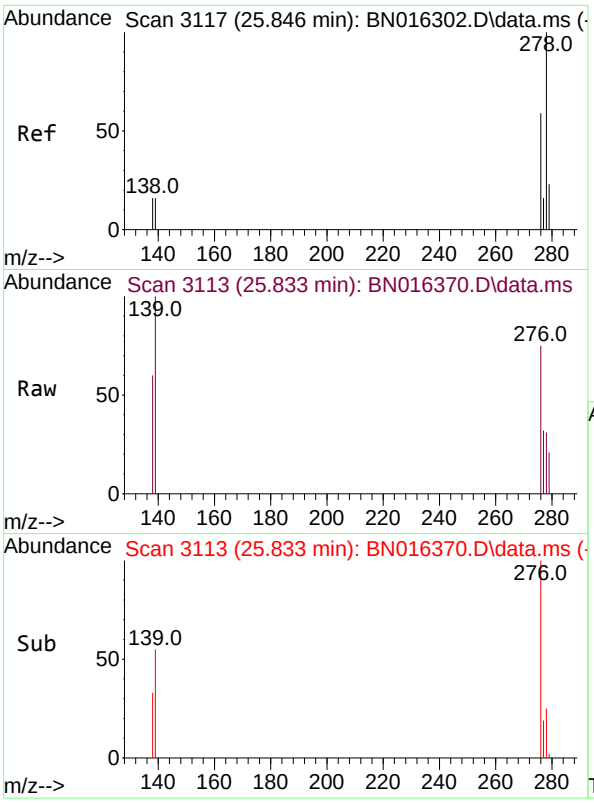
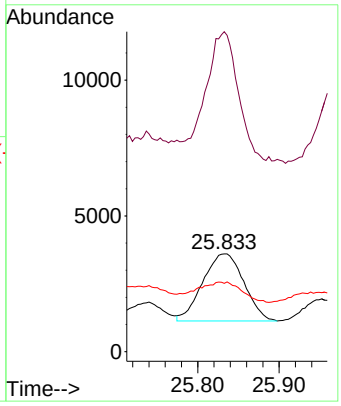
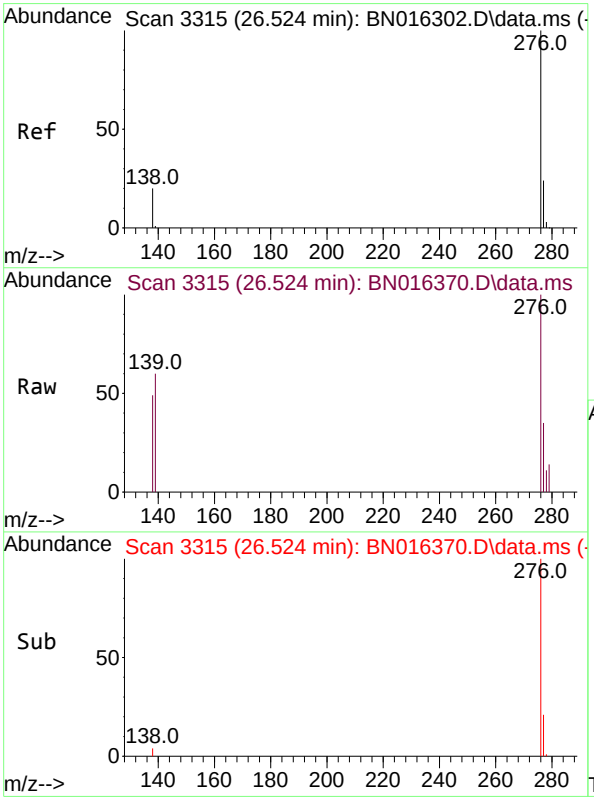


#40
Dibenzo(a,h)anthracene
Concen: 0.024 ng
RT: 25.833 min Scan# 3113
Delta R.T. -0.010 min
Lab File: BN016370.D
Acq: 21 Sep 2021 07:55

Tgt Ion:278 Resp: 8694

Ion	Ratio	Lower	Upper
278	100		
139	327.4	14.2	21.2#
279	69.9	21.3	31.9#





#41
Benzo(g,h,i)perylene
Concen: 0.087 ng
RT: 26.524 min Scan# 3315
Delta R.T. 0.004 min
Lab File: BN016370.D
Acq: 21 Sep 2021 07:55

Tgt Ion:276 Resp: 31432

Ion	Ratio	Lower	Upper
276	100		
277	35.4	20.5	30.7#
138	49.4	18.2	27.4#