Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100621\
Data File : BN016782.D
Acq On : 06 Oct 2021 16:51
Operator : CG/JU
Sample : M3892-15DL 250X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : S-832-J-SO-1-1.5-092221DL

Quant Time: Oct 06 17:19:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 06 14:22:07 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.633	152	19356	0.400	ng		0.00
7) Naphthalene-d8	10.407	136	88061	0.400	ng	#	0.00
13) Acenaphthene-d10	14.269	164	48871	0.400	ng		0.00
19) Phenanthrene-d10	17.018	188	101070	0.400	ng	#	0.00
29) Chrysene-d12	21.228	240	107641	0.400	ng	#	0.00
35) Perylene-d12	23.481	264	118643	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.264	112	77	0.002	ng		0.02
5) Phenol-d6	6.822	99	77	0.001	ng		0.00
8) Nitrobenzene-d5	8.785	82	103	0.002	ng		0.01
11) 2-Methylnaphthalene-d10	12.003	152	176	0.001	ng		0.00
14) 2,4,6-Tribromophenol	15.766	330	30	0.118	ng		0.00
15) 2-Fluorobiphenyl	12.886	172	241	0.001	ng		0.00
27) Fluoranthene-d10	19.063	212	304	0.001	ng		0.00
31) Terphenyl-d14	19.664	244	1328	0.006	ng		0.00
Target Compounds							Qvalue
17) Acenaphthene	14.332	154	28905	0.203	ng		99
18) Fluorene	15.322	166	33486	0.195	ng		99
20) 4,6-Dinitro-2-methylph...	15.436	198	11	0.267	ng	#	1
24) Pentachlorophenol	16.677	266	12	0.339	ng	#	10
25) Phenanthrene	17.054	178	712602	2.398	ng		100
26) Anthracene	17.152	178	208922	0.787	ng		97
28) Fluoranthene	19.093	202	2060286	6.249	ng		99
30) Pyrene	19.455	202	1838198	5.194	ng	#	92
32) Benzo(a)anthracene	21.217	228	1394580	4.177	ng		97
33) Chrysene	21.270	228	1137620	3.359	ng		95
36) Indeno(1,2,3-cd)pyrene	25.757	276	498756	1.324	ng		97
37) Benzo(b)fluoranthene	22.807	252	1412045	3.681	ng		99
39) Benzo(a)pyrene	23.382	252	956994	2.788	ng		98
40) Dibenzo(a,h)anthracene	25.768	278	149895	0.502	ng		95
41) Benzo(g,h,i)perylene	26.456	276	434753	1.300	ng		99

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

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Instrument :
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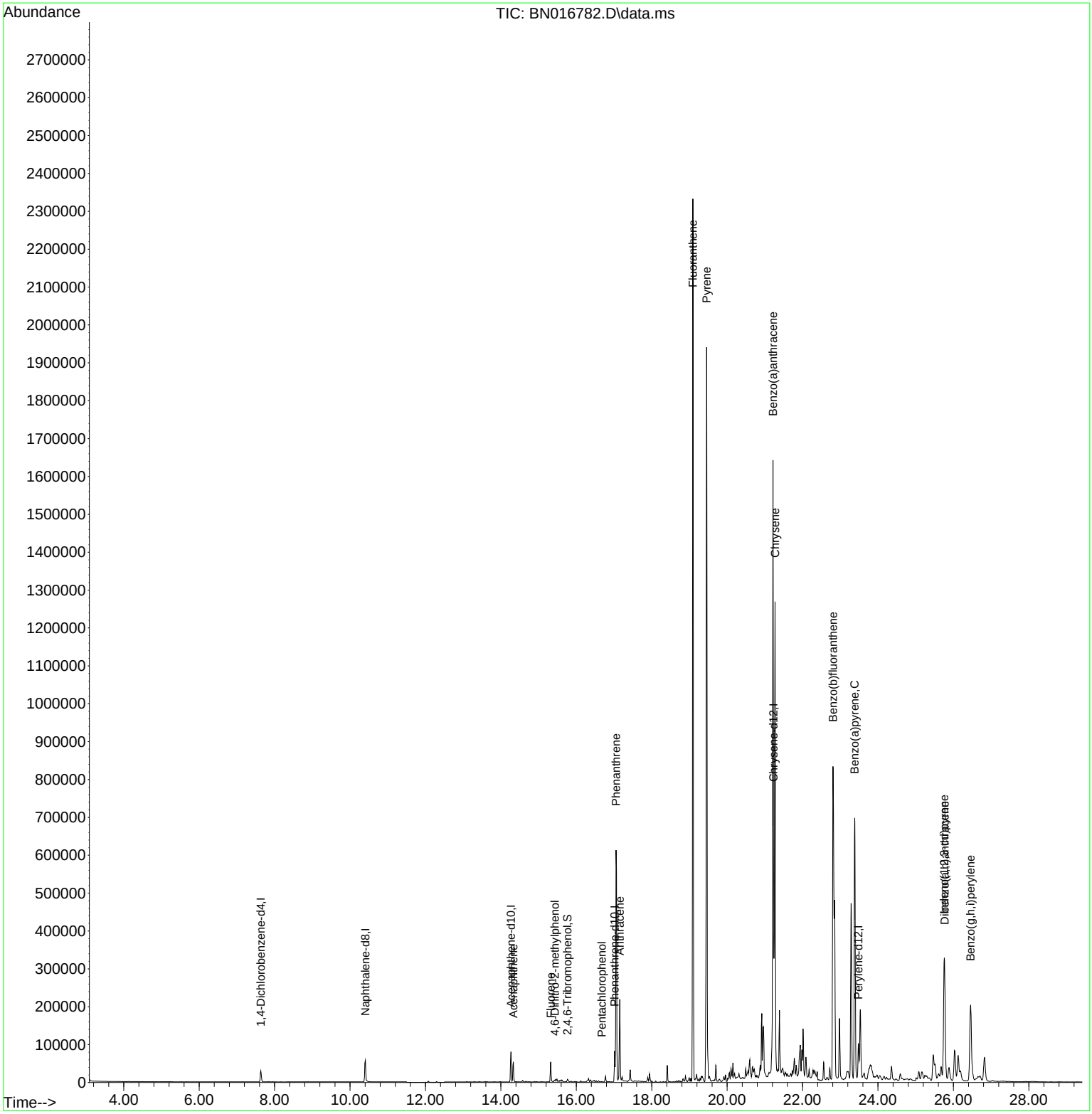
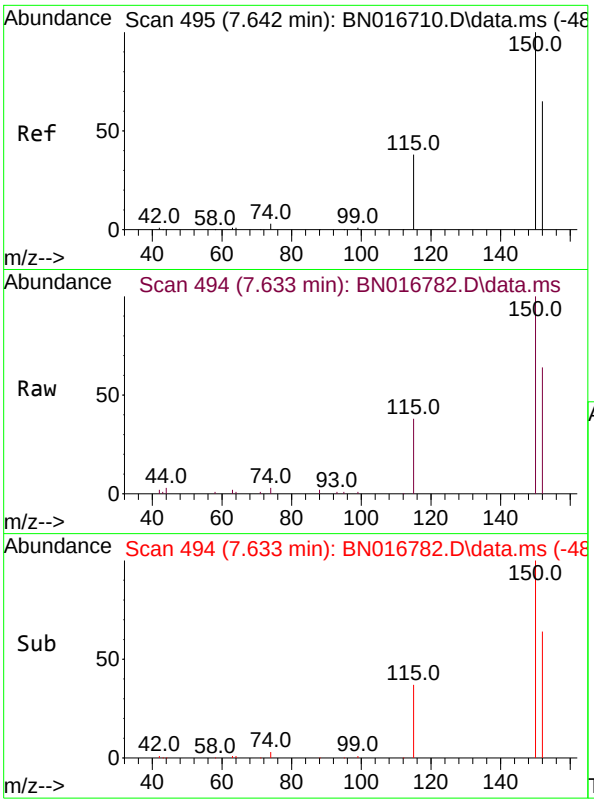
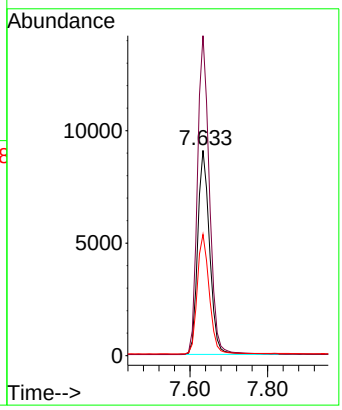




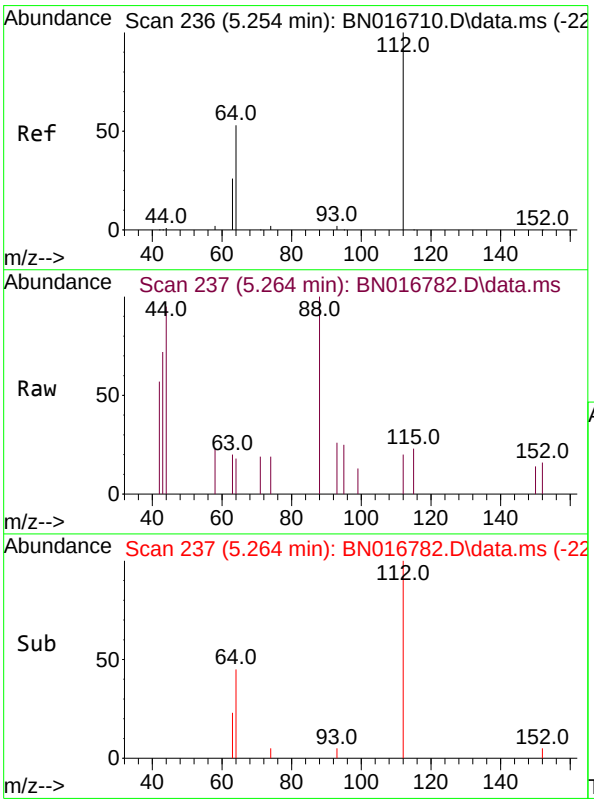
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.633 min Scan# 494
Delta R.T. 0.000 min
Lab File: BN016782.D
Acq: 06 Oct 2021 16:51

Tgt Ion:152 Resp: 19356

Ion	Ratio	Lower	Upper
152	100		
150	155.8	123.3	184.9
115	59.0	47.0	70.6



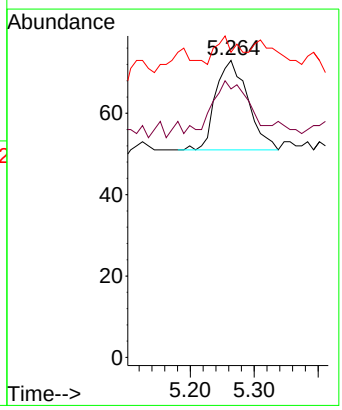
Instrument :
BNA_N
ClientSampleId :
S-832-J-SO-1-1.5-092221DL

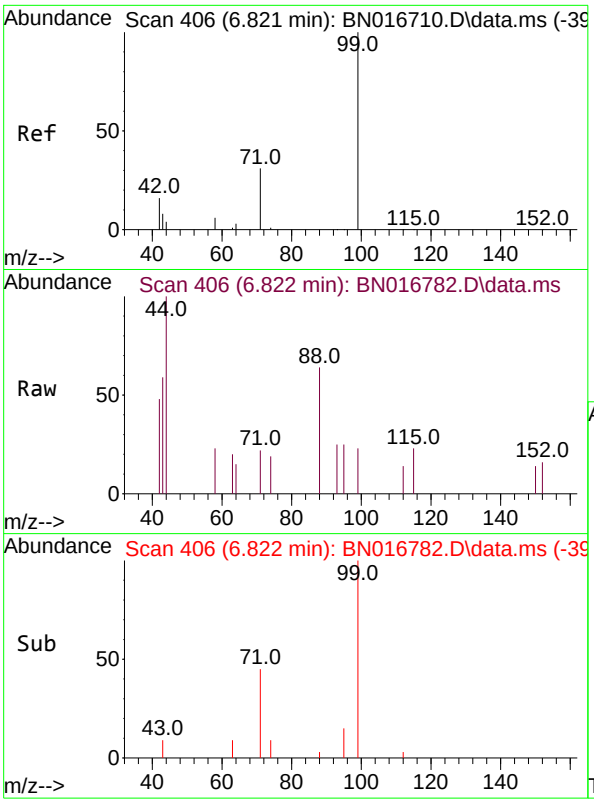


#4
2-Fluorophenol
Concen: 0.002 ng
RT: 5.264 min Scan# 237
Delta R.T. 0.019 min
Lab File: BN016782.D
Acq: 06 Oct 2021 16:51

Tgt Ion:112 Resp: 77

Ion	Ratio	Lower	Upper
112	100		
64	58.4	42.9	64.3
63	19.5	21.5	32.3#

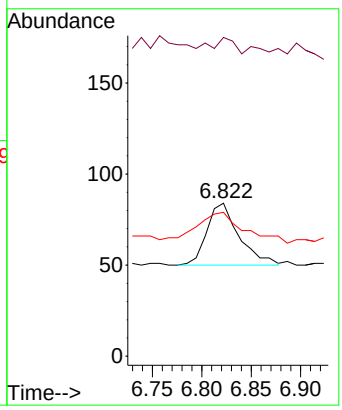




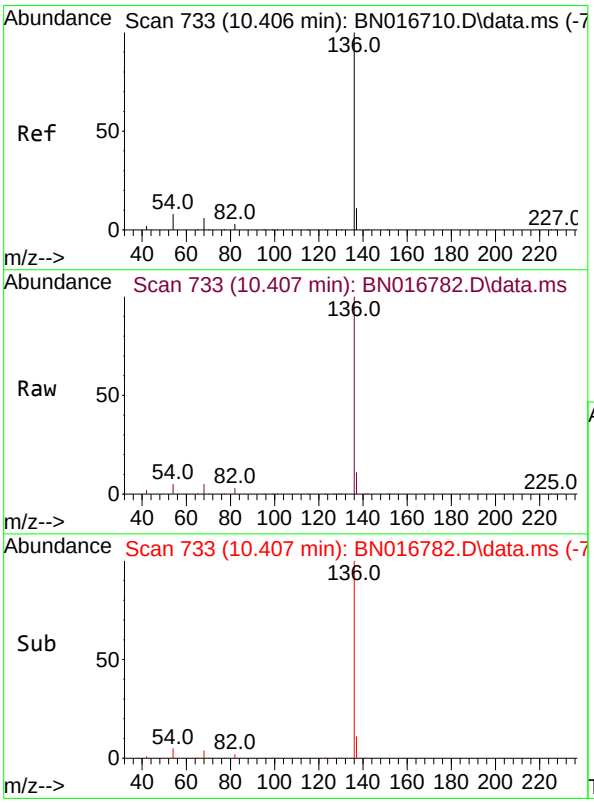
#5
Phenol-d6
Concen: 0.001 ng
RT: 6.822 min Scan# 406
Delta R.T. 0.009 min
Lab File: BN016782.D
Acq: 06 Oct 2021 16:51

Tgt Ion: 99 Resp: 77

Ion	Ratio	Lower	Upper
99	100		
42	18.2	13.4	20.2
71	54.5	24.0	36.0#



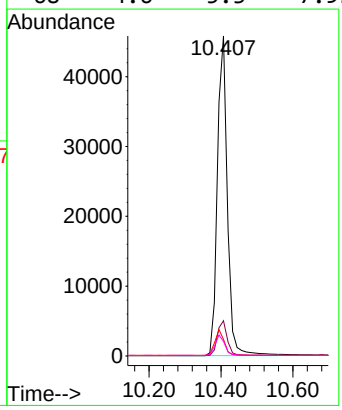
Instrument :
BNA_N
ClientSampleId :
S-832-J-SO-1-1.5-092221DL



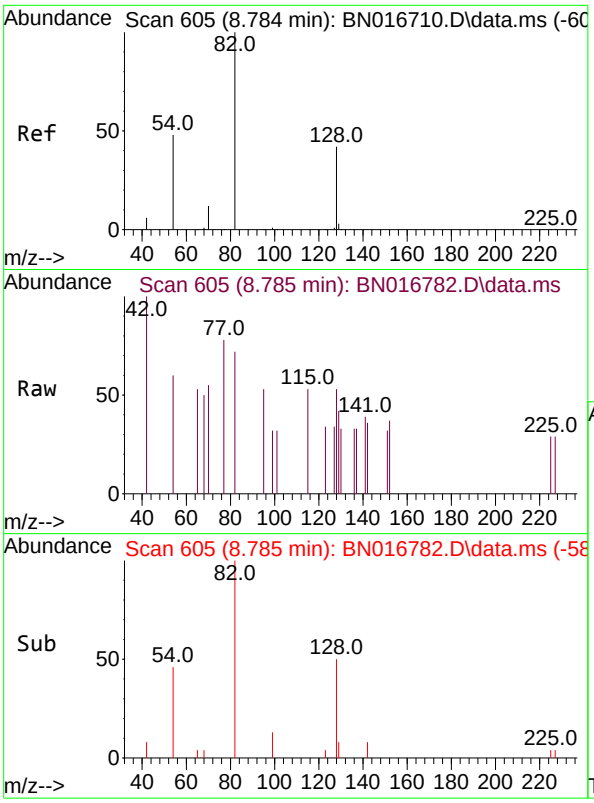
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016782.D
Acq: 06 Oct 2021 16:51

Tgt Ion:136 Resp: 88061

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	5.2	6.5	9.7#
68	4.6	5.3	7.9#



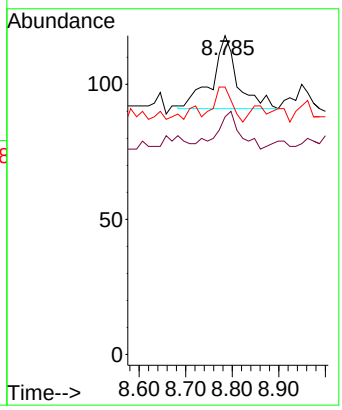
Instrument :
BNA_N
ClientSampleId :
S-832-J-SO-1-1.5-092221DL

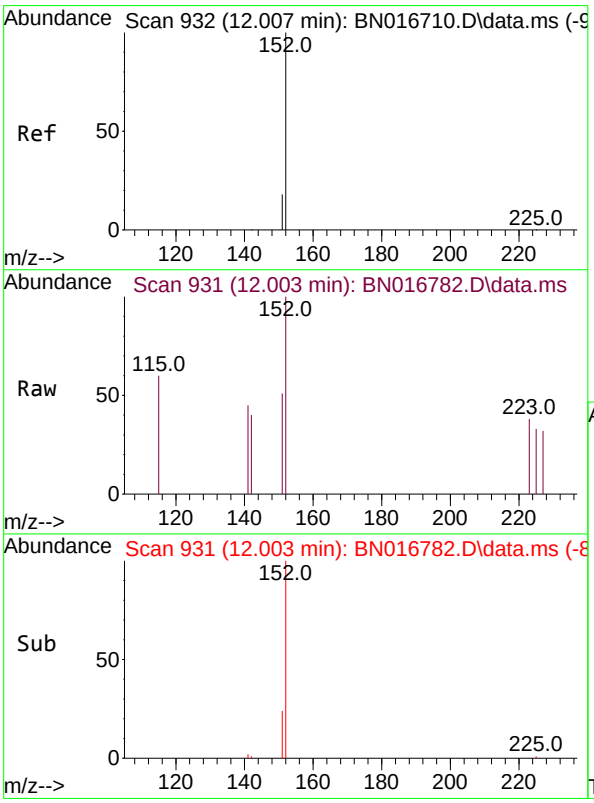


#8
Nitrobenzene-d5
Concen: 0.002 ng
RT: 8.785 min Scan# 605
Delta R.T. 0.013 min
Lab File: BN016782.D
Acq: 06 Oct 2021 16:51

Tgt Ion: 82 Resp: 103

Ion	Ratio	Lower	Upper
82	100		
128	74.6	33.8	50.6#
54	83.9	38.5	57.7#

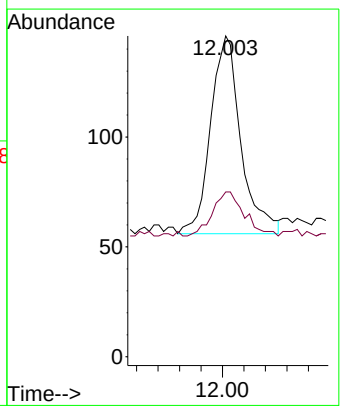


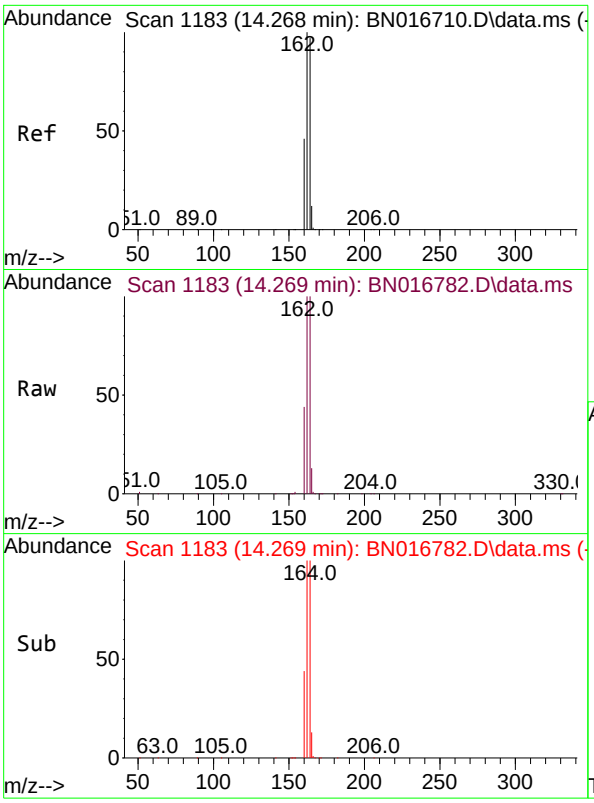


#11
2-Methylnaphthalene-d10
Concen: 0.001 ng
RT: 12.003 min Scan# 931
Delta R.T. 0.005 min
Lab File: BN016782.D
Acq: 06 Oct 2021 16:51

Tgt Ion:152 Resp: 176

Ion	Ratio	Lower	Upper
152	100		
151	23.3	16.2	24.4

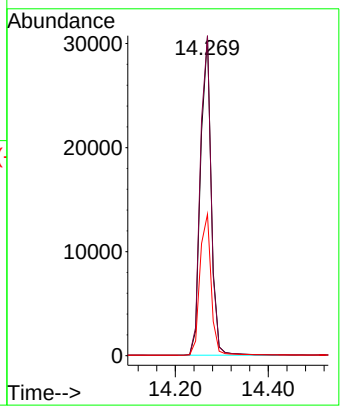




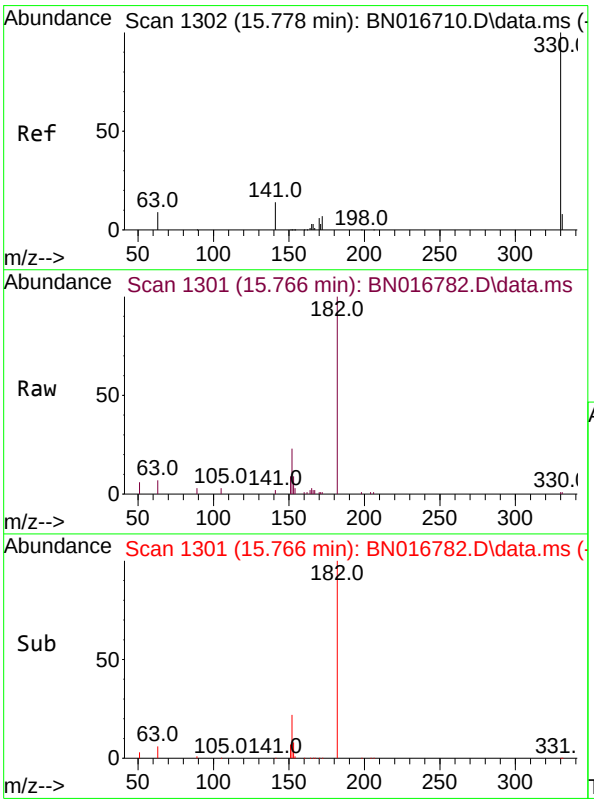
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016782.D
Acq: 06 Oct 2021 16:51

Tgt Ion:164 Resp: 48871

Ion	Ratio	Lower	Upper
164	100		
162	100.1	82.6	124.0
160	44.2	38.2	57.2



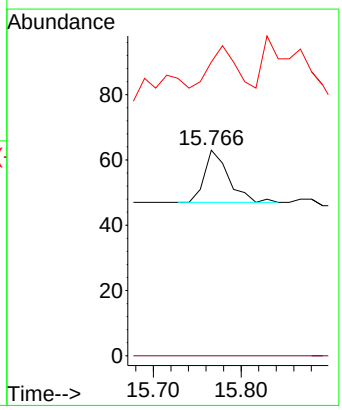
Instrument :
BNA_N
ClientSampleId :
S-832-J-SO-1-1.5-092221DL

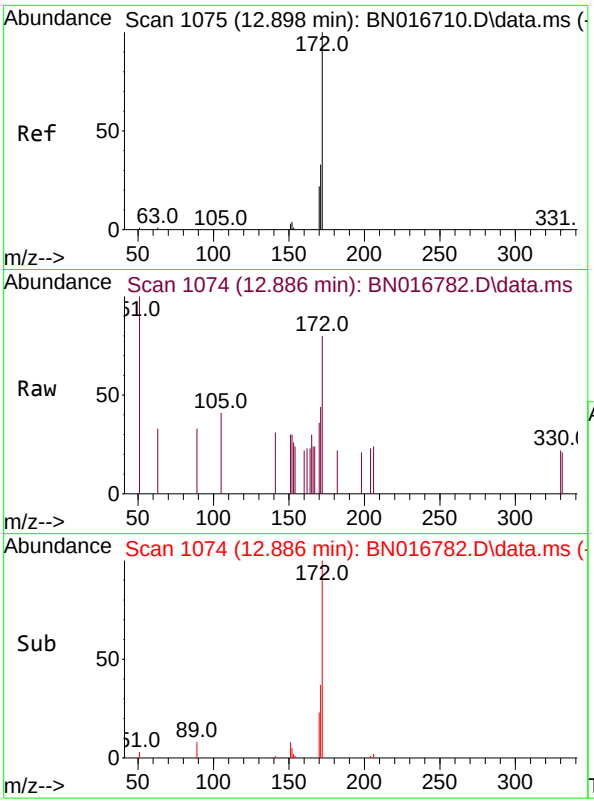


#14
2,4,6-Tribromophenol
Concen: 0.118 ng
RT: 15.766 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BN016782.D
Acq: 06 Oct 2021 16:51

Tgt Ion:330 Resp: 30

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	83.3	24.2	36.2#

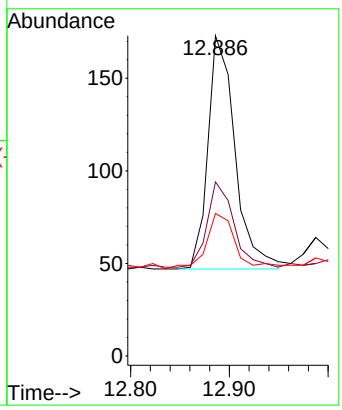




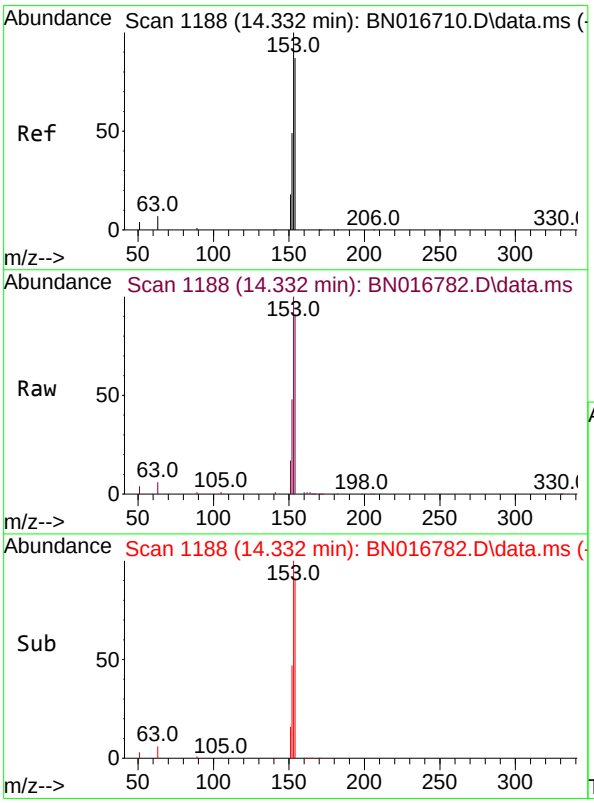
#15
2-Fluorobiphenyl
Concen: 0.001 ng
RT: 12.886 min Scan# 1074
Delta R.T. 0.000 min
Lab File: BN016782.D
Acq: 06 Oct 2021 16:51

Tgt Ion:172 Resp: 241

Ion	Ratio	Lower	Upper
172	100		
171	54.3	26.9	40.3#
170	44.5	17.4	26.0#



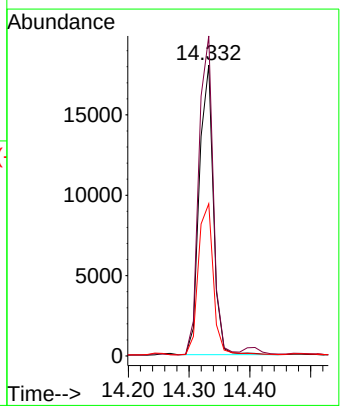
Instrument :
BNA_N
ClientSampleId :
S-832-J-SO-1-1.5-092221DL

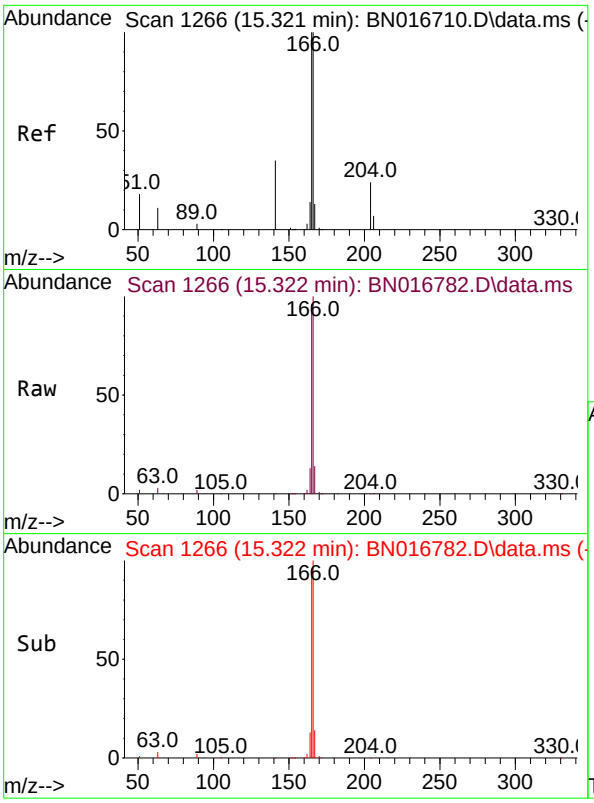


#17
Acenaphthene
Concen: 0.203 ng
RT: 14.332 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BN016782.D
Acq: 06 Oct 2021 16:51

Tgt Ion:154 Resp: 28905

Ion	Ratio	Lower	Upper
154	100		
153	113.2	90.1	135.1
152	56.2	43.6	65.4

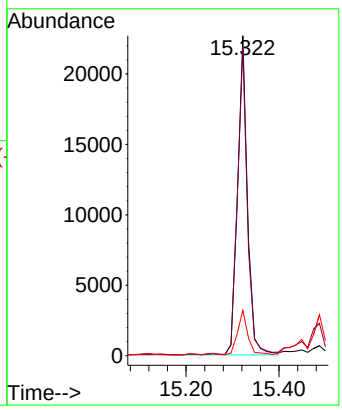




#18
Fluorene
Concen: 0.195 ng
RT: 15.322 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BN016782.D
Acq: 06 Oct 2021 16:51

Tgt Ion:166 Resp: 33486

Ion	Ratio	Lower	Upper
166	100		
165	96.8	78.1	117.1
167	14.3	10.7	16.1



Instrument :
BNA_N
ClientSampleId :
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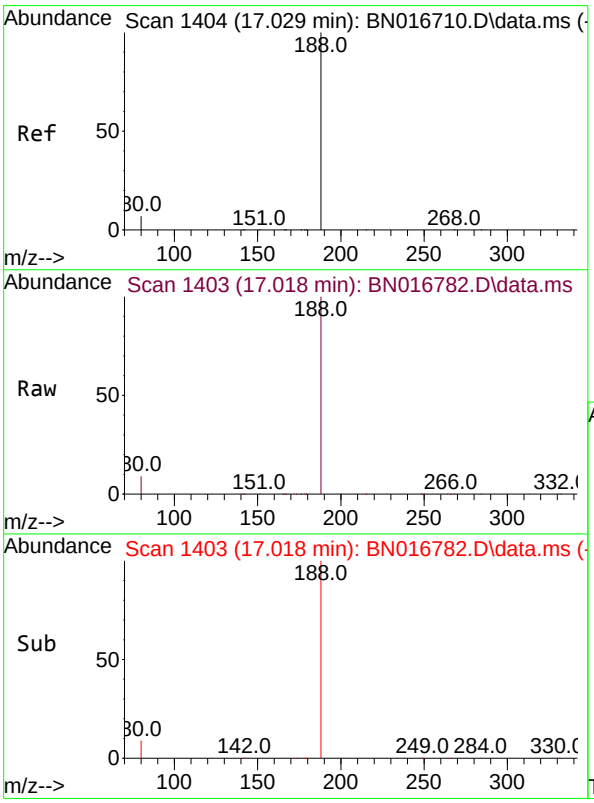
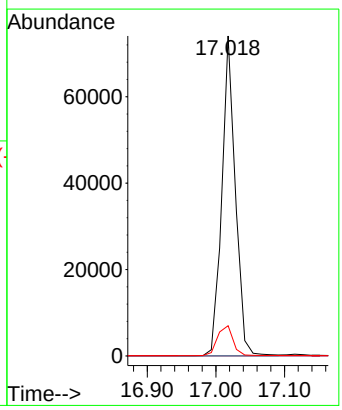


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.018 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BN016782.D
Acq: 06 Oct 2021 16:51

Tgt Ion:188 Resp: 101070

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.4	5.8	8.8#



Instrument :
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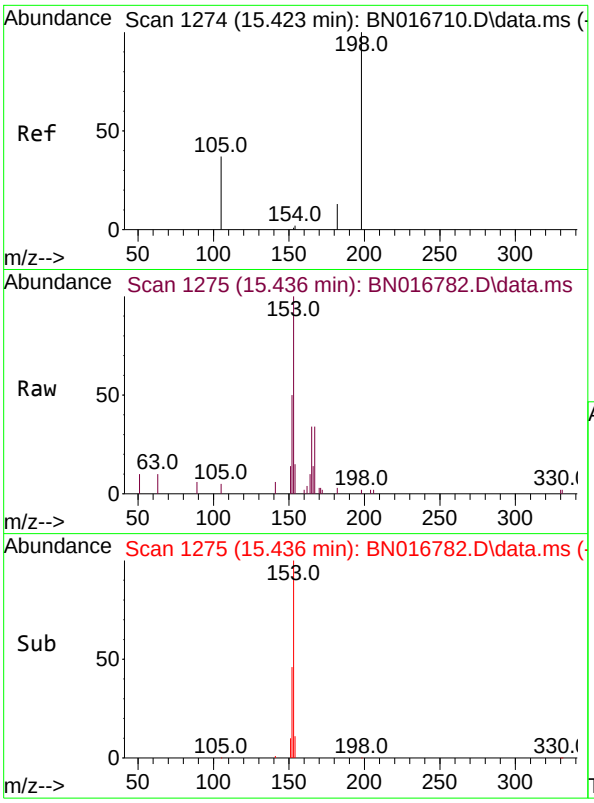
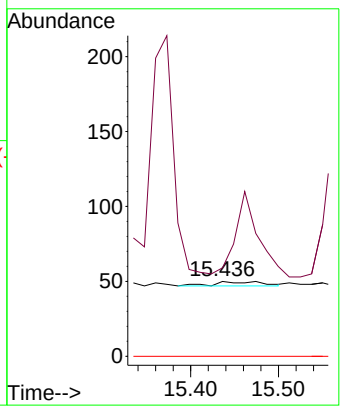
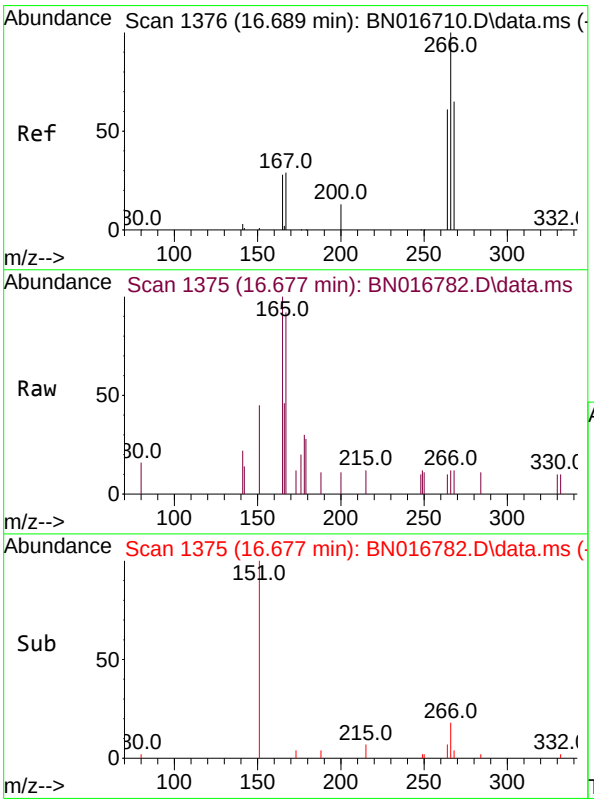


#20
4,6-Dinitro-2-methylphenol
Concen: 0.267 ng
RT: 15.436 min Scan# 1275
Delta R.T. 0.026 min
Lab File: BN016782.D
Acq: 06 Oct 2021 16:51

Tgt Ion:198 Resp: 11

Ion	Ratio	Lower	Upper
198	100		
182	118.0	26.2	39.2#
77	0.0	0.0	0.0

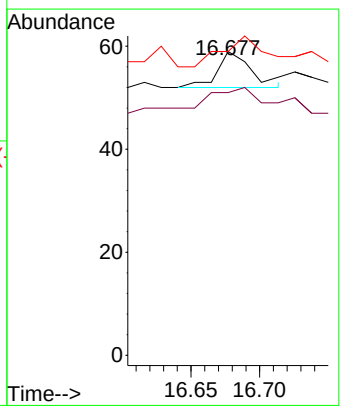




#24
Pentachlorophenol
Concen: 0.339 ng
RT: 16.677 min Scan# 1375
Delta R.T. 0.000 min
Lab File: BN016782.D
Acq: 06 Oct 2021 16:51

Tgt Ion:266 Resp: 12

Ion	Ratio	Lower	Upper
266	100		
264	150.0	49.3	73.9#
268	116.7	51.8	77.8#



Instrument :
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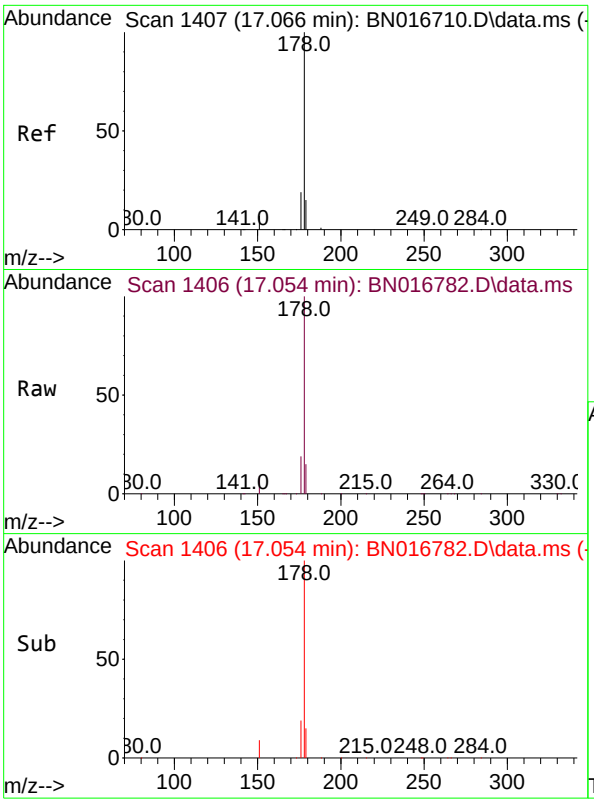
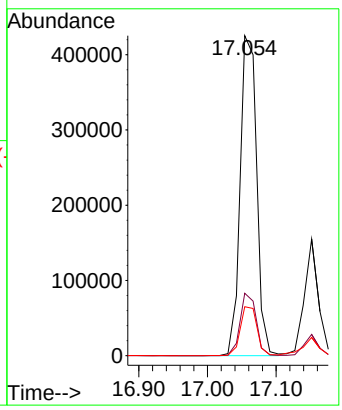
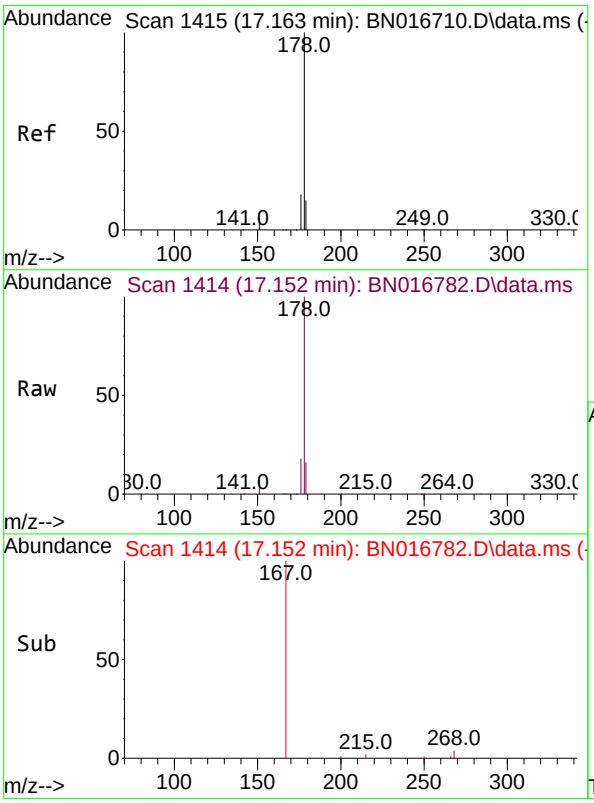


#25
Phenanthrene
Concen: 2.398 ng
RT: 17.054 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BN016782.D
Acq: 06 Oct 2021 16:51

Tgt Ion:178 Resp: 712602

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.6
179	15.6	12.4	18.6

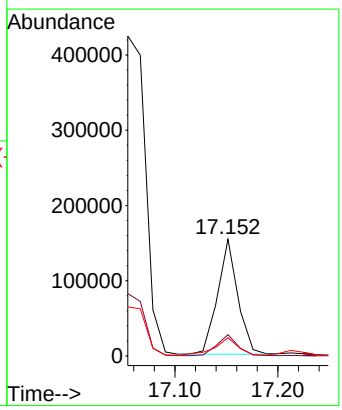


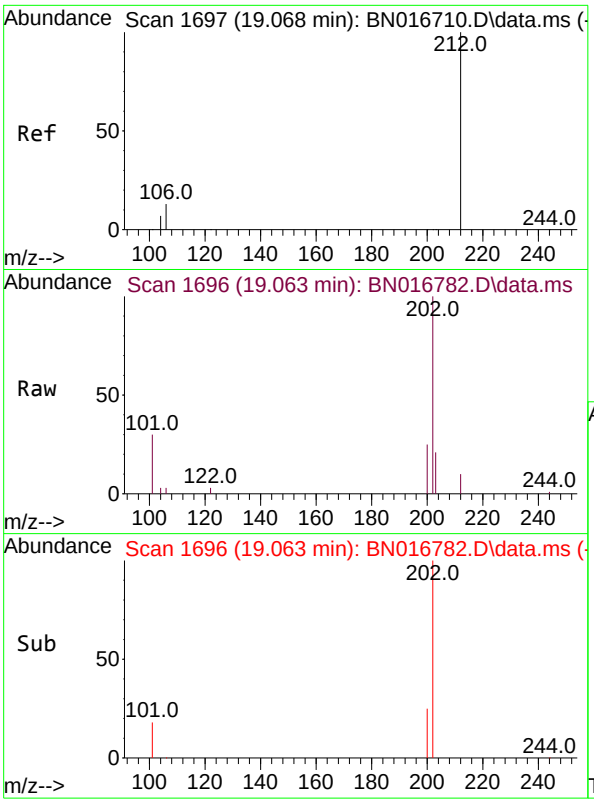


#26
Anthracene
Concen: 0.787 ng
RT: 17.152 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BN016782.D
Acq: 06 Oct 2021 16:51

Tgt Ion:178 Resp: 208922

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.5	21.7
179	17.0	12.2	18.4

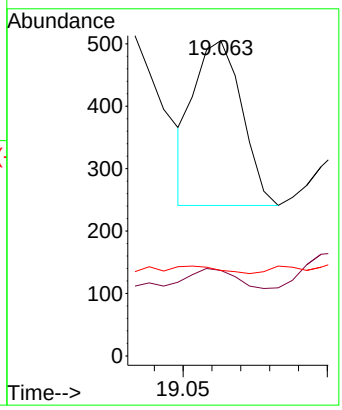




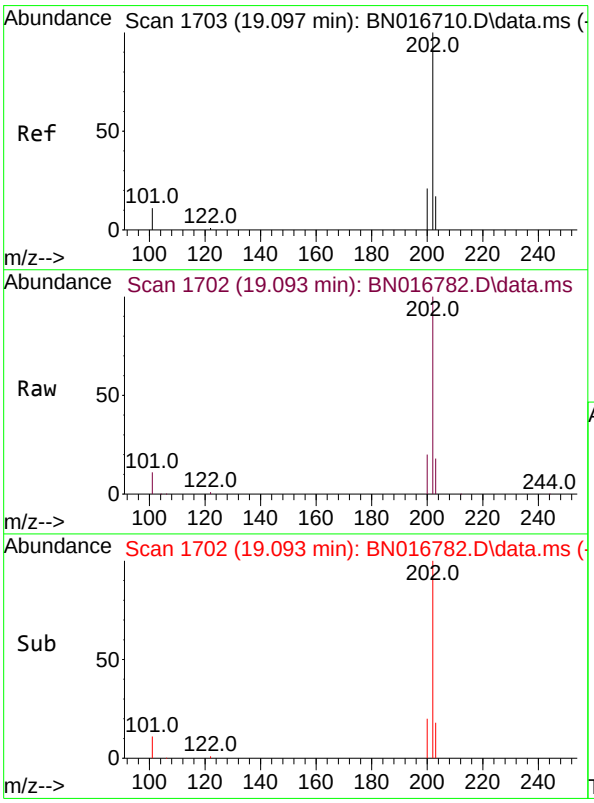
#27
Fluoranthene-d10
Concen: 0.001 ng
RT: 19.063 min Scan# 1696
Delta R.T. 0.000 min
Lab File: BN016782.D
Acq: 06 Oct 2021 16:51

Tgt Ion:212 Resp: 304

Ion	Ratio	Lower	Upper
212	100		
106	13.5	10.6	16.0
104	30.9	5.8	8.8#



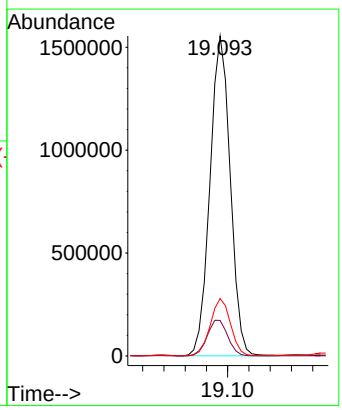
Instrument :
BNA_N
ClientSampleId :
S-832-J-SO-1-1.5-092221DL

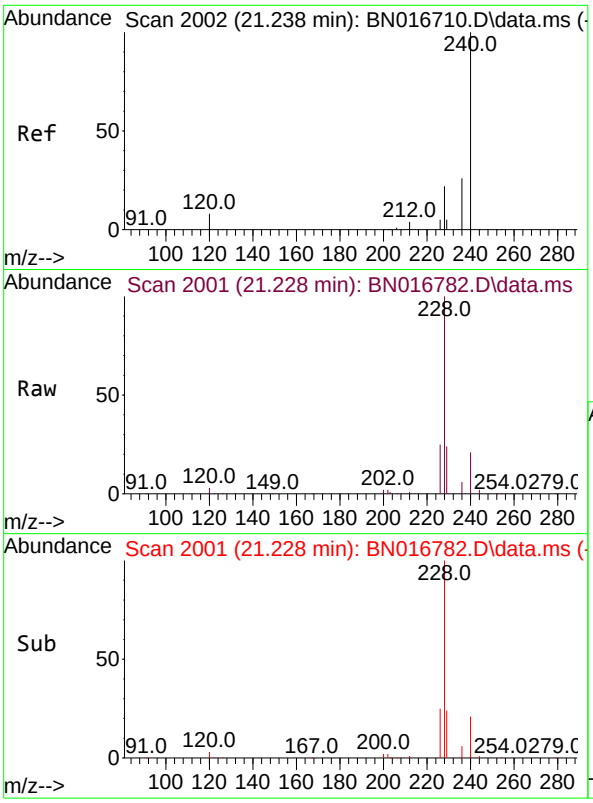


#28
Fluoranthene
Concen: 6.249 ng
RT: 19.093 min Scan# 1702
Delta R.T. 0.000 min
Lab File: BN016782.D
Acq: 06 Oct 2021 16:51

Tgt Ion:202 Resp: 2060286

Ion	Ratio	Lower	Upper
202	100		
101	11.4	8.9	13.3
203	17.8	13.8	20.8

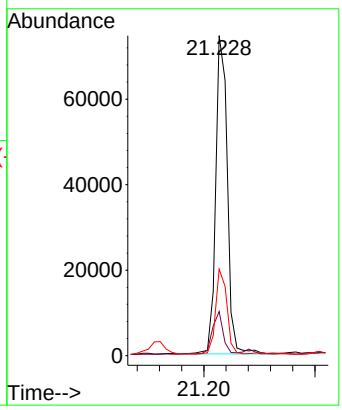




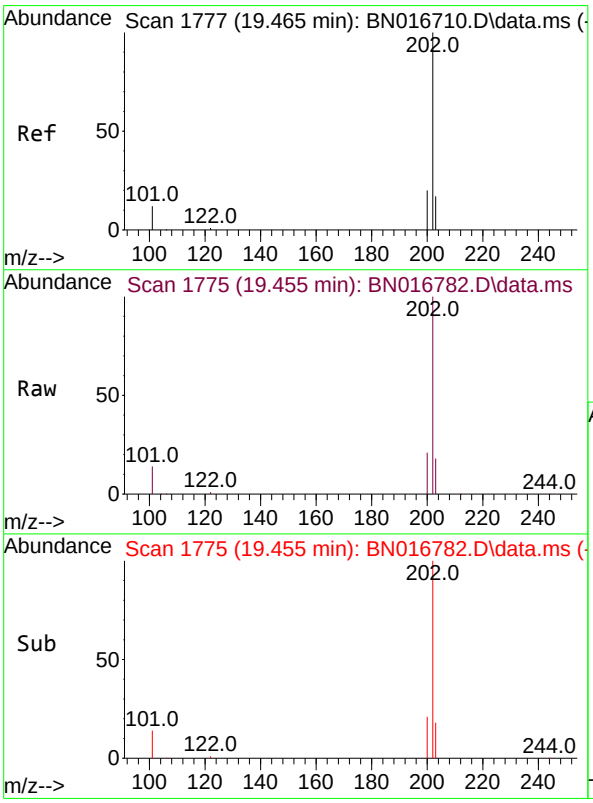
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.228 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BN016782.D
Acq: 06 Oct 2021 16:51

Tgt Ion:240 Resp: 107641

Ion	Ratio	Lower	Upper
240	100		
120	13.8	6.6	10.0#
236	27.1	20.7	31.1



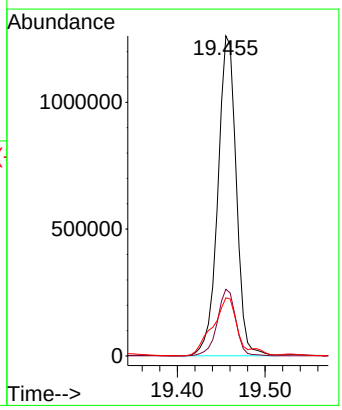
Instrument :
BNA_N
ClientSampleId :
S-832-J-SO-1-1.5-092221DL



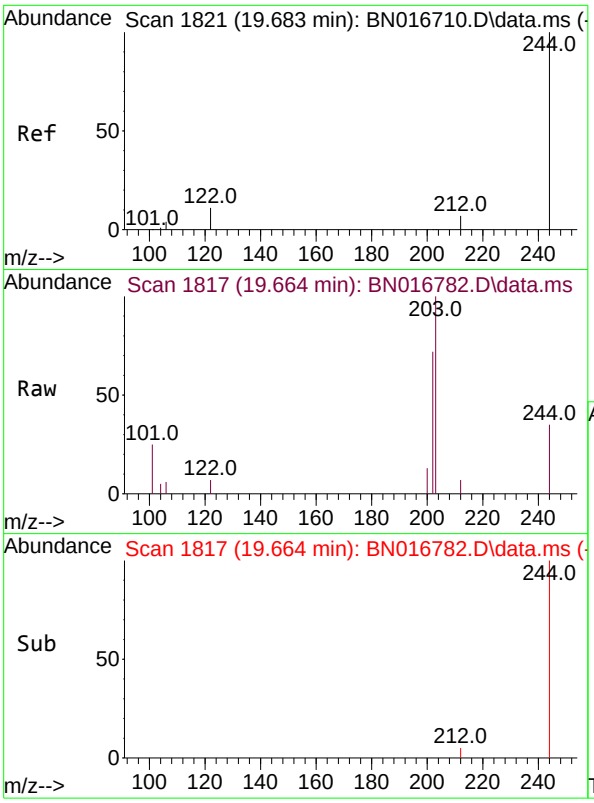
#30
Pyrene
Concen: 5.194 ng
RT: 19.455 min Scan# 1775
Delta R.T. 0.000 min
Lab File: BN016782.D
Acq: 06 Oct 2021 16:51

Tgt Ion:202 Resp: 1838198

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.5	24.7
203	24.9	13.9	20.9#



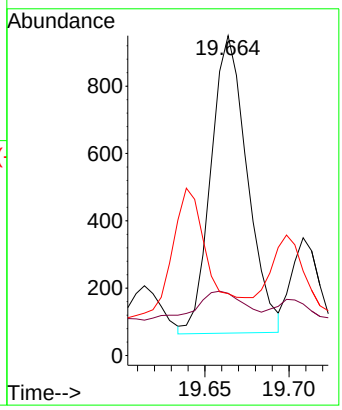
Instrument :
BNA_N
ClientSampleId :
S-832-J-SO-1-1.5-092221DL

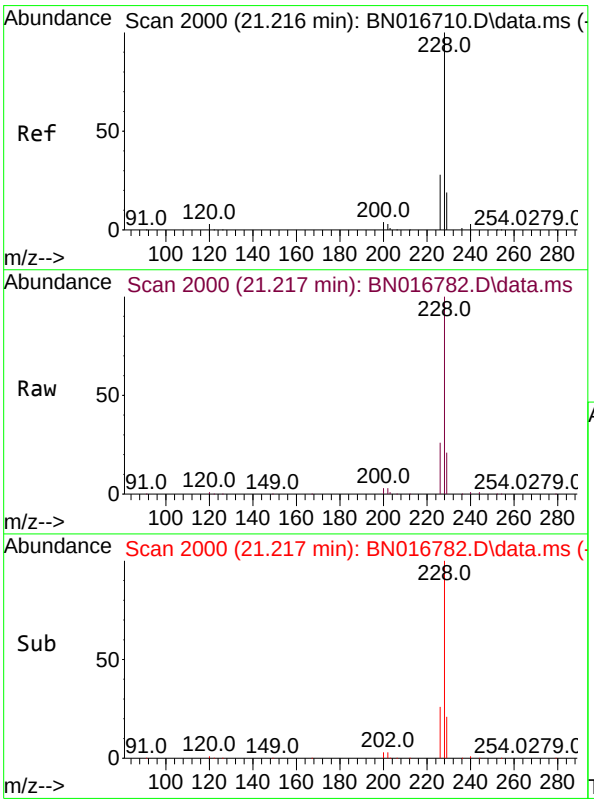


#31
Terphenyl-d14
Concen: 0.006 ng
RT: 19.664 min Scan# 1817
Delta R.T. -0.010 min
Lab File: BN016782.D
Acq: 06 Oct 2021 16:51

Tgt Ion:244 Resp: 1328

Ion	Ratio	Lower	Upper
244	100		
212	19.5	5.8	8.6#
122	19.4	8.9	13.3#

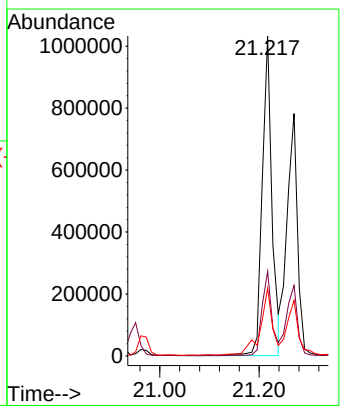


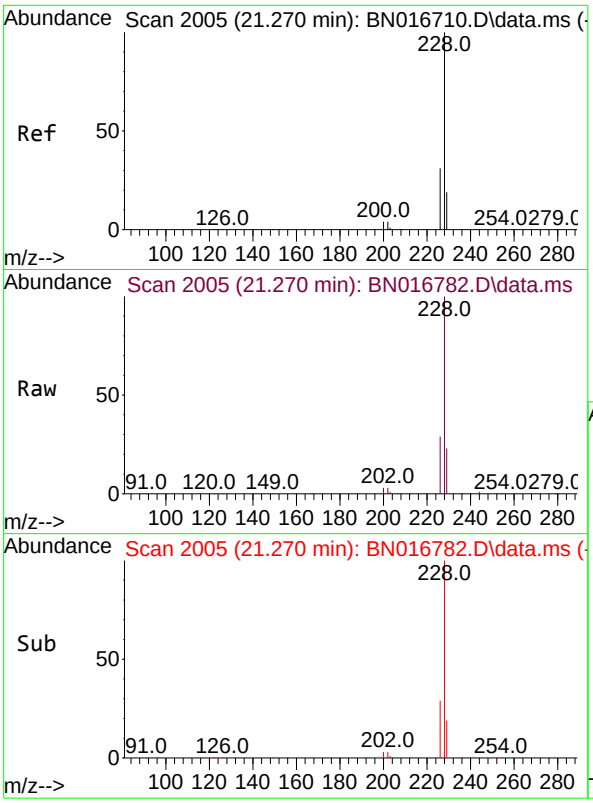


#32
Benzo(a)anthracene
Concen: 4.177 ng
RT: 21.217 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BN016782.D
Acq: 06 Oct 2021 16:51

Tgt Ion:228 Resp: 1394580

Ion	Ratio	Lower	Upper
228	100		
226	26.4	22.3	33.5
229	21.2	15.4	23.0

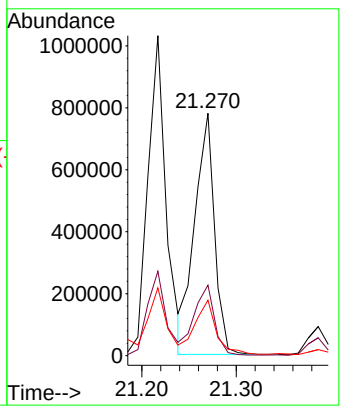




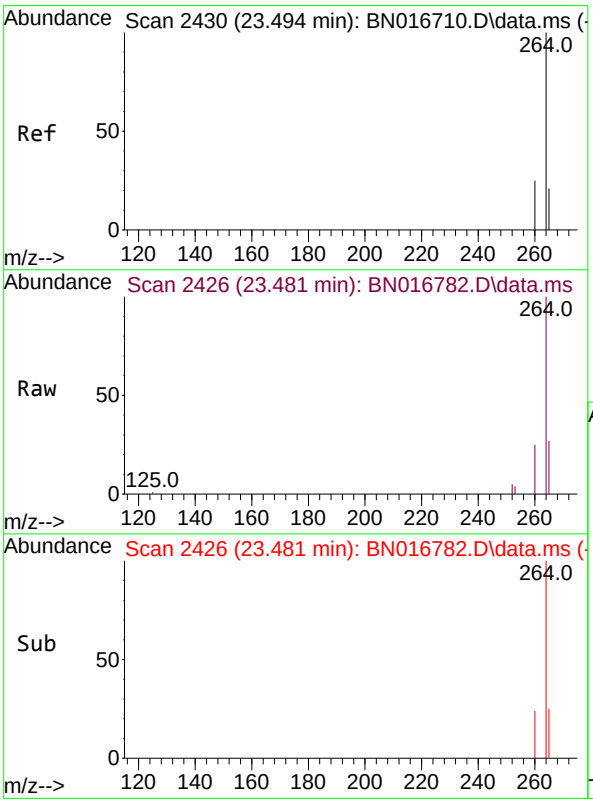
#33
Chrysene
Concen: 3.359 ng
RT: 21.270 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BN016782.D
Acq: 06 Oct 2021 16:51

Tgt Ion:228 Resp: 1137620

Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.2	36.4
229	22.9	15.4	23.0



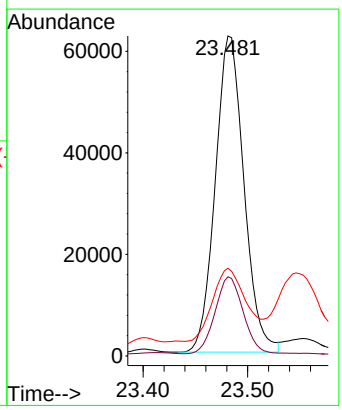
Instrument :
BNA_N
ClientSampleId :
S-832-J-SO-1-1.5-092221DL



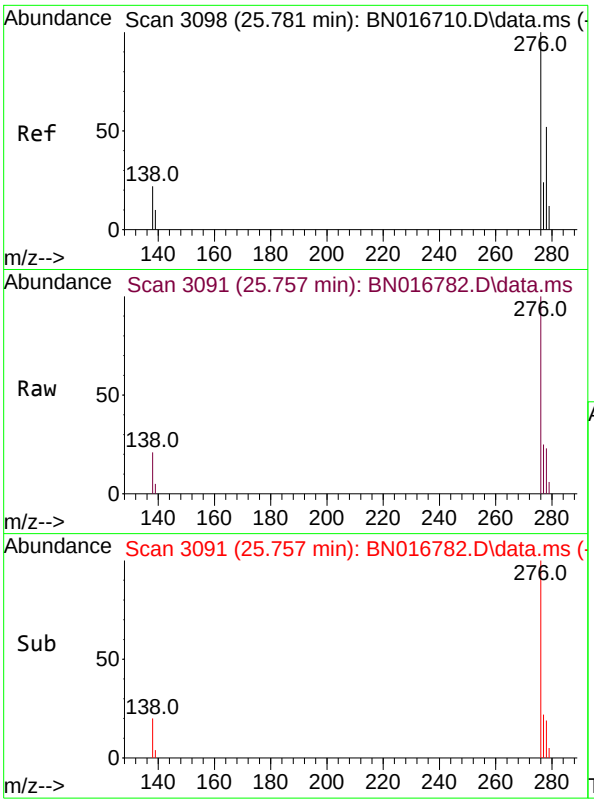
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.481 min Scan# 2426
Delta R.T. 0.000 min
Lab File: BN016782.D
Acq: 06 Oct 2021 16:51

Tgt Ion:264 Resp: 118643

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.8	29.6
265	27.4	20.3	30.5



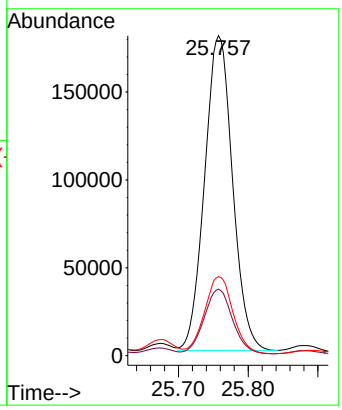
Instrument :
BNA_N
ClientSampleId :
S-832-J-SO-1-1.5-092221DL

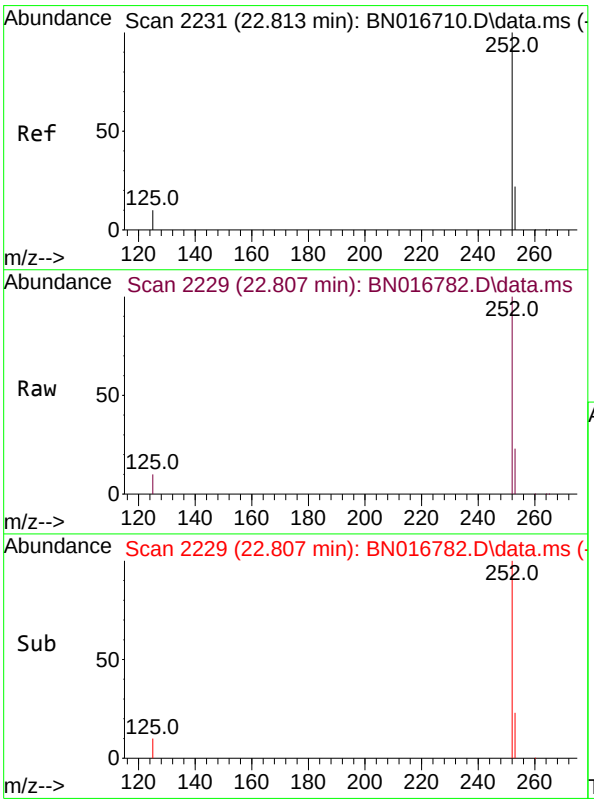


#36
Indeno(1,2,3-cd)pyrene
Concen: 1.324 ng
RT: 25.757 min Scan# 3091
Delta R.T. 0.004 min
Lab File: BN016782.D
Acq: 06 Oct 2021 16:51

Tgt Ion:276 Resp: 498756

Ion	Ratio	Lower	Upper
276	100		
138	20.9	19.2	28.8
277	24.9	20.0	30.0

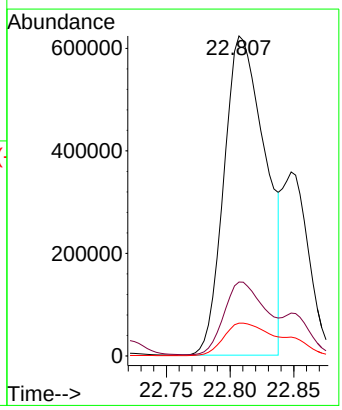


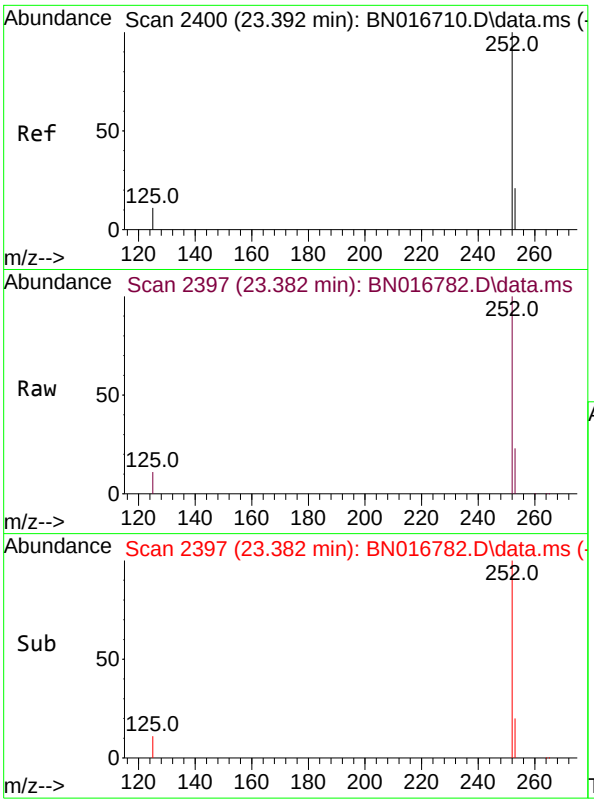


#37
Benzo(b)fluoranthene
Concen: 3.681 ng
RT: 22.807 min Scan# 2229
Delta R.T. 0.004 min
Lab File: BN016782.D
Acq: 06 Oct 2021 16:51

Tgt Ion:252 Resp: 1412045

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.8
125	10.3	8.3	12.5



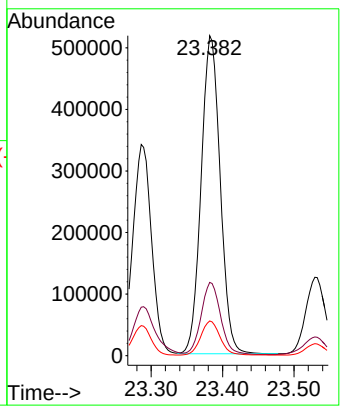


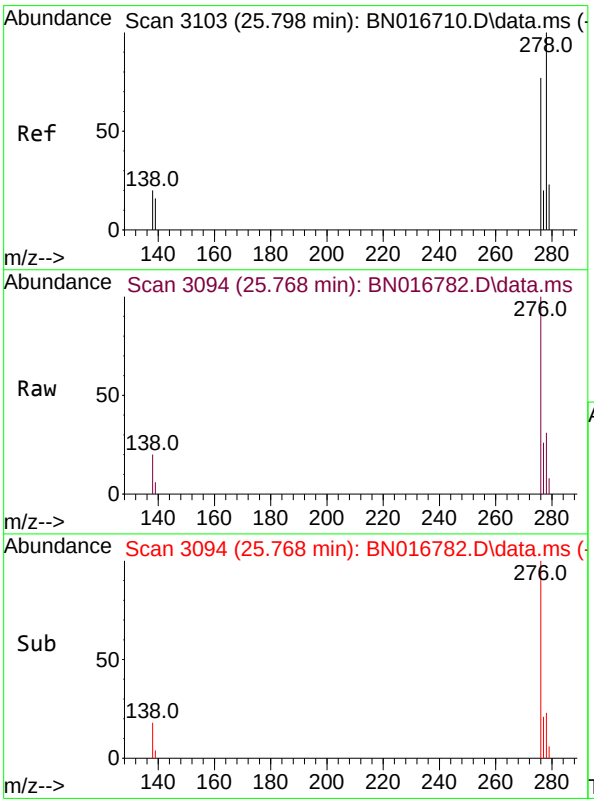
#39
Benzo(a)pyrene
Concen: 2.788 ng
RT: 23.382 min Scan# 2397
Delta R.T. 0.000 min
Lab File: BN016782.D
Acq: 06 Oct 2021 16:51

Instrument :
BNA_N
ClientSampleId :
S-832-J-SO-1-1.5-092221DL

Tgt Ion:252 Resp: 956994

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	10.9	9.4	14.2

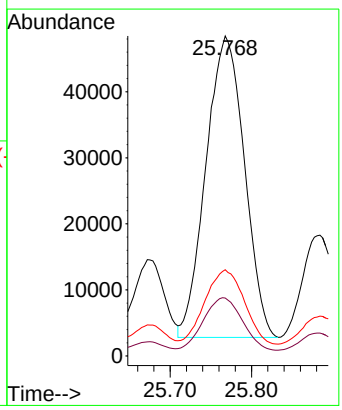


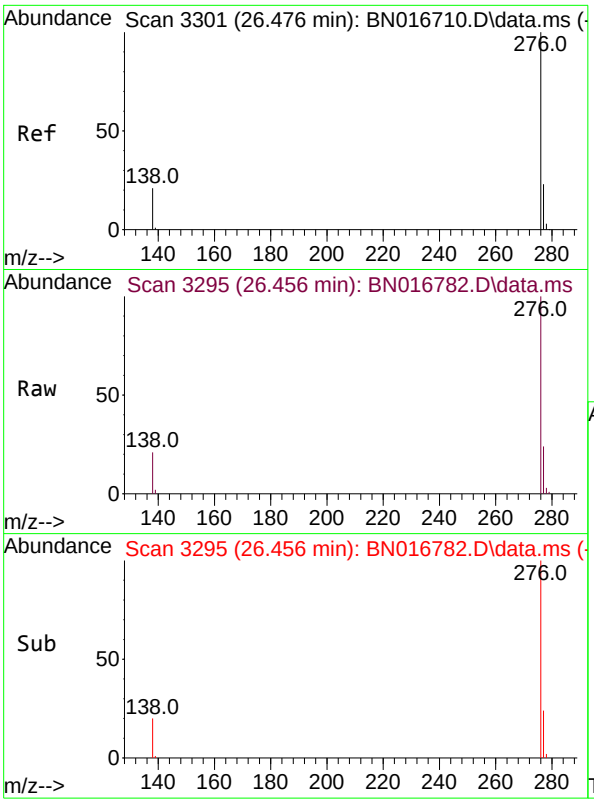


#40
Dibenzo(a,h)anthracene
Concen: 0.502 ng
RT: 25.768 min Scan# 3094
Delta R.T. -0.010 min
Lab File: BN016782.D
Acq: 06 Oct 2021 16:51

Tgt Ion:278 Resp: 149895

Ion	Ratio	Lower	Upper
278	100		
139	18.1	13.1	19.7
279	27.0	19.3	28.9

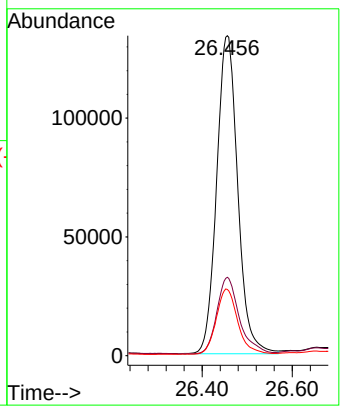




#41
Benzo(g,h,i)perylene
Concen: 1.300 ng
RT: 26.456 min Scan# 3295
Delta R.T. 0.004 min
Lab File: BN016782.D
Acq: 06 Oct 2021 16:51

Tgt Ion:276 Resp: 434753

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.0	28.4
138	20.7	17.0	25.6



Instrument :
BNA_N
ClientSampleId :
S-832-J-SO-1-1.5-092221DL