Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100621\
Data File : BN016780.D
Acq On : 06 Oct 2021 15:38
Operator : CG/JU
Sample : M3892-02DL 200X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : S-829-J-SO-1-1.5-092221-FDDL

Quant Time: Oct 06 16:13:11 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	20369	0.400	ng	0.00
7) Naphthalene-d8	10.407	136	91167	0.400	ng	# 0.00
13) Acenaphthene-d10	14.269	164	49848	0.400	ng	0.00
19) Phenanthrene-d10	17.018	188	100634	0.400	ng	0.00
29) Chrysene-d12	21.227	240	105028	0.400	ng	# 0.00
35) Perylene-d12	23.478	264	113675	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.245	112	108	0.002	ng	0.00
5) Phenol-d6	6.822	99	90	0.002	ng	0.00
8) Nitrobenzene-d5	8.784	82	78	0.001	ng	0.01
11) 2-Methylnaphthalene-d10	12.003	152	219	0.002	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	46	0.118	ng	0.00
15) 2-Fluorobiphenyl	12.886	172	280	0.001	ng	0.00
27) Fluoranthene-d10	19.058	212	421	0.002	ng	0.00
31) Terphenyl-d14	19.664	244	1195	0.005	ng	0.00
Target Compounds						Qvalue
17) Acenaphthene	14.332	154	15561	0.107	ng	99
18) Fluorene	15.322	166	14076	0.080	ng	98
20) 4,6-Dinitro-2-methylph...	15.373	198	1	0.266	ng	# 1
24) Pentachlorophenol	16.677	266	23	0.339	ng	# 81
25) Phenanthrene	17.054	178	335596	1.134	ng	100
26) Anthracene	17.151	178	103975	0.394	ng	96
28) Fluoranthene	19.093	202	1603527	4.885	ng	99
30) Pyrene	19.455	202	1369161	3.965	ng	# 92
32) Benzo(a)anthracene	21.217	228	1127441	3.461	ng	96
33) Chrysene	21.259	228	853194	2.582	ng	96
36) Indeno(1,2,3-cd)pyrene	25.754	276	467255	1.295	ng	97
37) Benzo(b)fluoranthene	22.803	252	1219433	3.317	ng	99
39) Benzo(a)pyrene	23.382	252	838082	2.548	ng	99
40) Dibenzo(a,h)anthracene	25.764	278	133016	0.465	ng	95
41) Benzo(g,h,i)perylene	26.452	276	419698	1.310	ng	99

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

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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 06 14:22:07 2021
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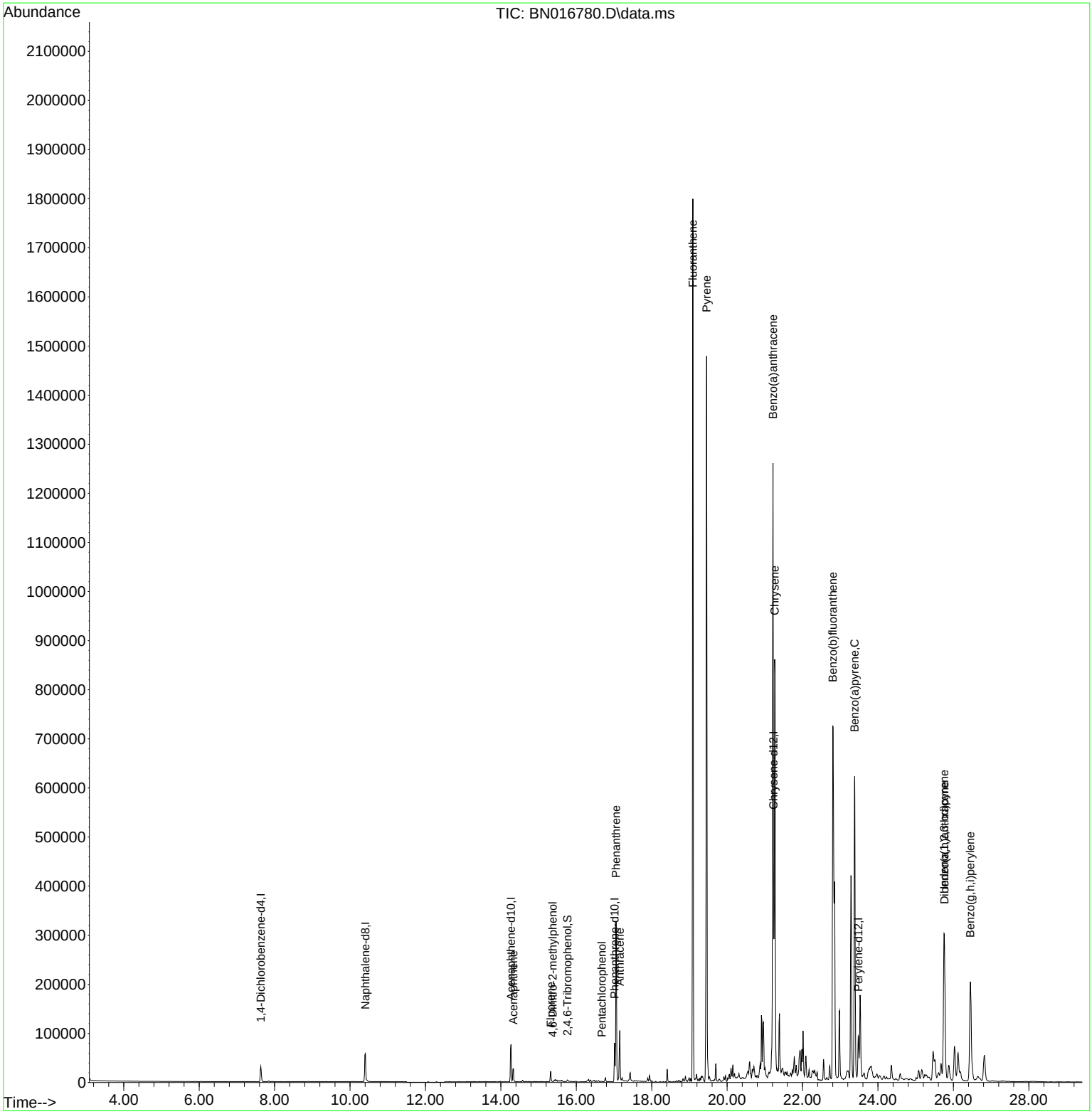
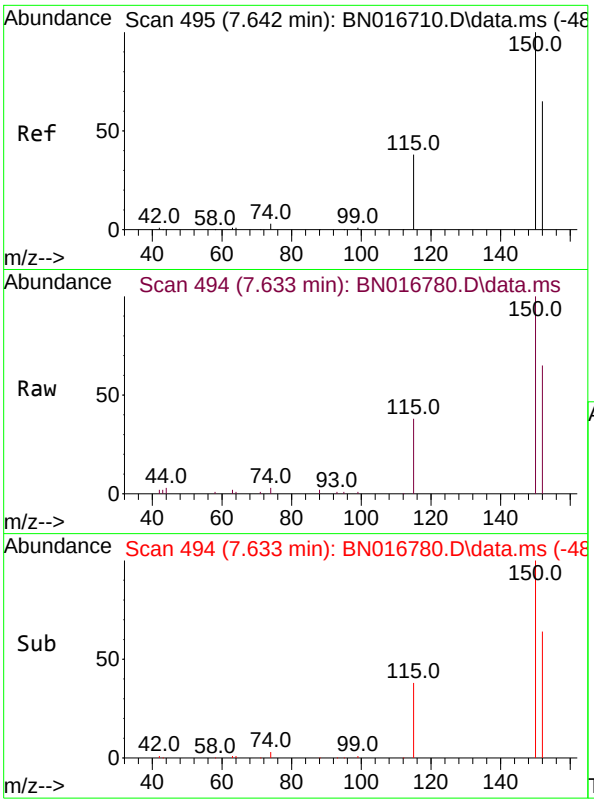
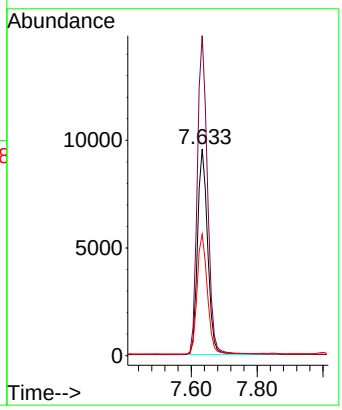




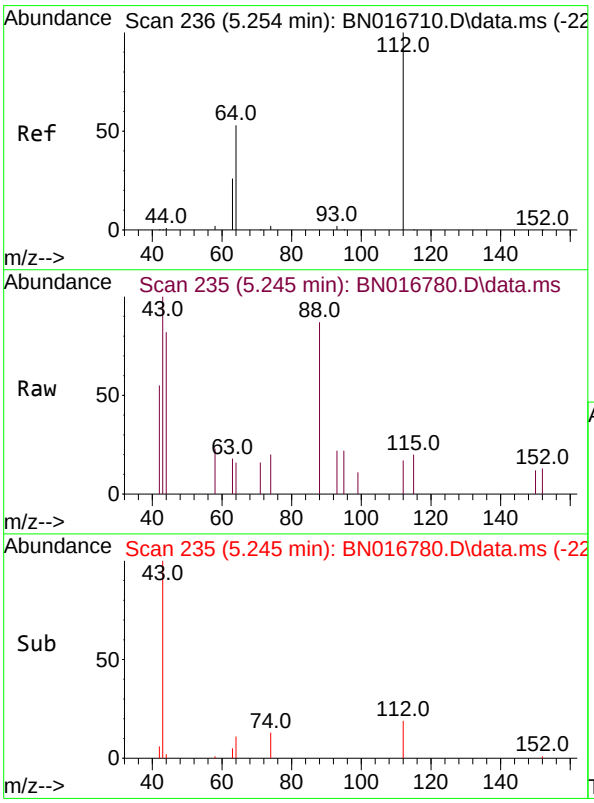
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.633 min Scan# 494
Delta R.T. 0.000 min
Lab File: BN016780.D
Acq: 06 Oct 2021 15:38

Tgt Ion:152 Resp: 20369

Ion	Ratio	Lower	Upper
152	100		
150	154.8	123.3	184.9
115	58.8	47.0	70.6



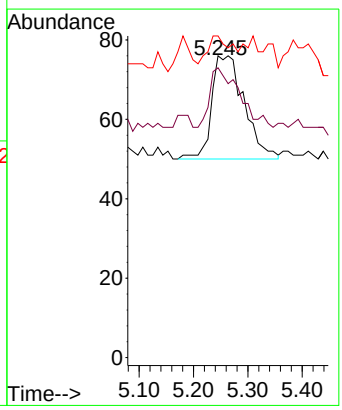
Instrument :
BNA_N
ClientSampleId :
S-829-J-SO-1-1.5-092221-FDDL

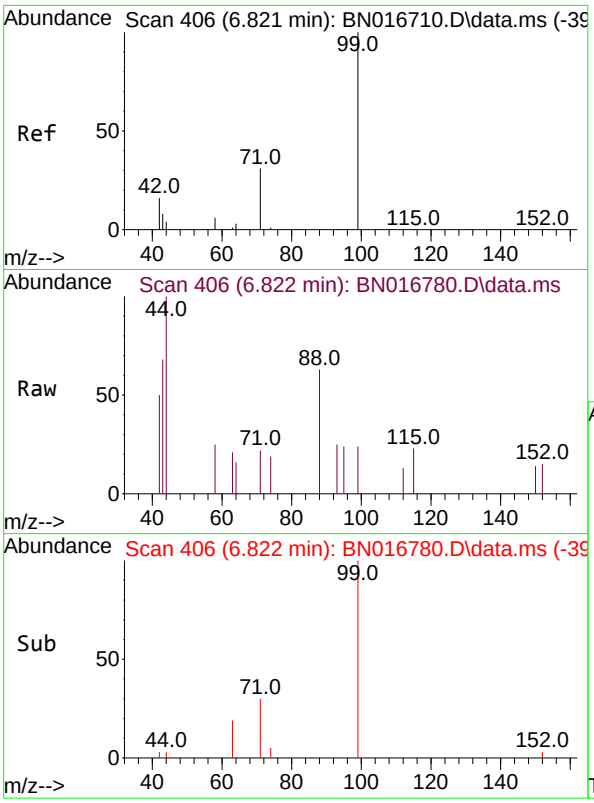


#4
2-Fluorophenol
Concen: 0.002 ng
RT: 5.245 min Scan# 235
Delta R.T. 0.000 min
Lab File: BN016780.D
Acq: 06 Oct 2021 15:38

Tgt Ion:112 Resp: 108

Ion	Ratio	Lower	Upper
112	100		
64	51.9	42.9	64.3
63	18.5	21.5	32.3#

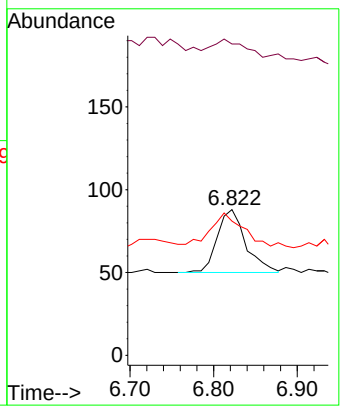




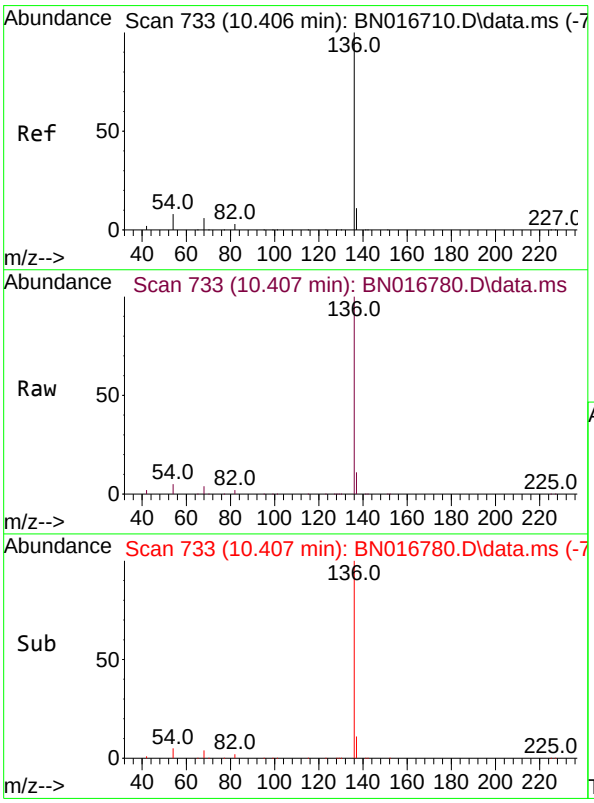
#5
Phenol-d6
Concen: 0.002 ng
RT: 6.822 min Scan# 406
Delta R.T. 0.009 min
Lab File: BN016780.D
Acq: 06 Oct 2021 15:38

Tgt Ion: 99 Resp: 90

Ion	Ratio	Lower	Upper
99	100		
42	25.6	13.4	20.2#
71	56.7	24.0	36.0#



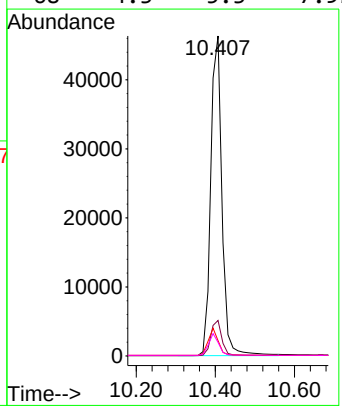
Instrument :
BNA_N
ClientSampleId :
S-829-J-SO-1-1.5-092221-FDDL



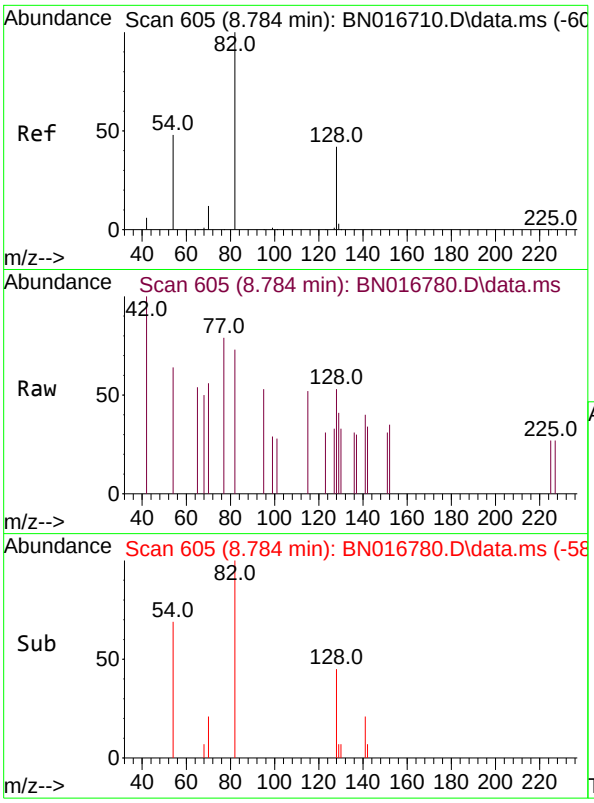
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016780.D
Acq: 06 Oct 2021 15:38

Tgt Ion:136 Resp: 91167

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	4.8	6.5	9.7#
68	4.3	5.3	7.9#



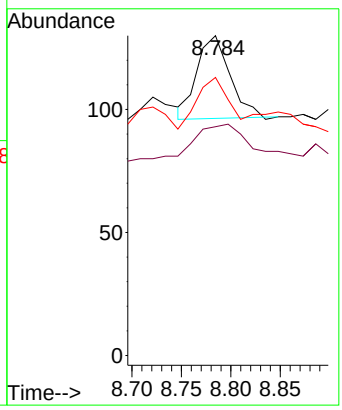
Instrument :
BNA_N
ClientSampleId :
S-829-J-SO-1-1.5-092221-FDDL

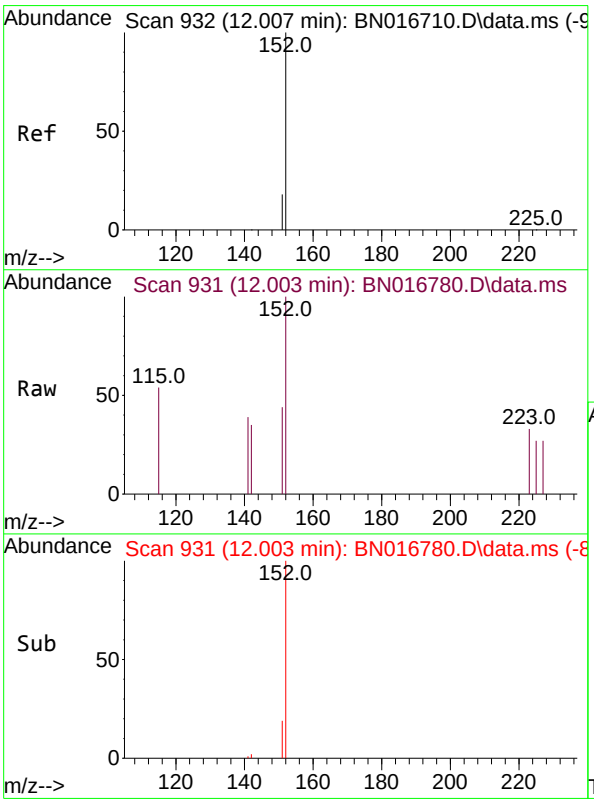


#8
Nitrobenzene-d5
Concen: 0.001 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.013 min
Lab File: BN016780.D
Acq: 06 Oct 2021 15:38

Tgt Ion: 82 Resp: 78

Ion	Ratio	Lower	Upper
82	100		
128	71.5	33.8	50.6#
54	86.9	38.5	57.7#

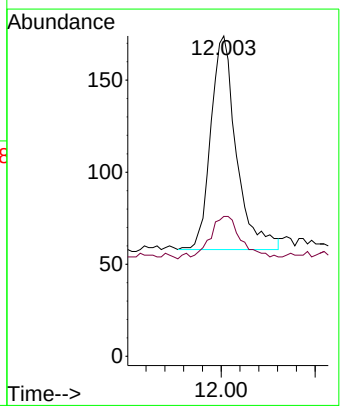




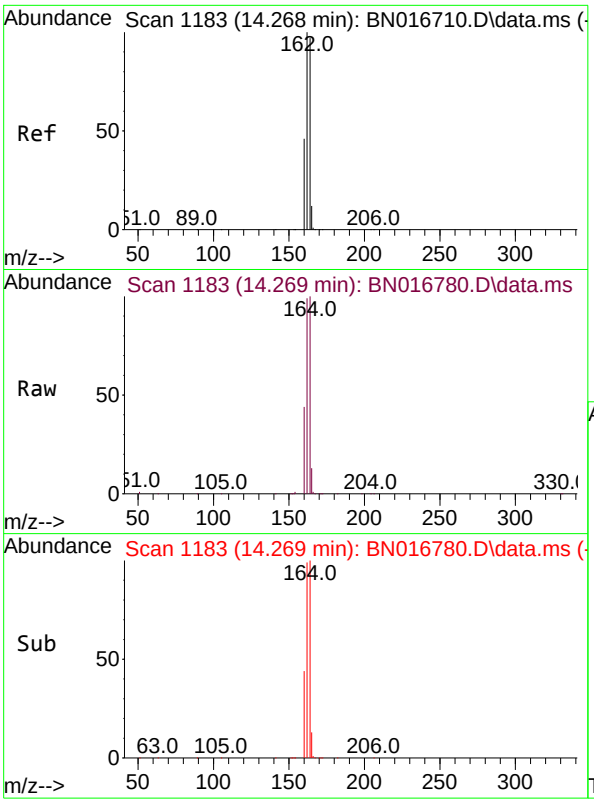
#11
2-Methylnaphthalene-d10
Concen: 0.002 ng
RT: 12.003 min Scan# 931
Delta R.T. 0.005 min
Lab File: BN016780.D
Acq: 06 Oct 2021 15:38

Tgt Ion:152 Resp: 219

Ion	Ratio	Lower	Upper
152	100		
151	22.8	16.2	24.4



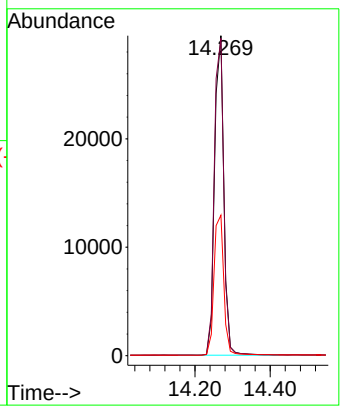
Instrument :
BNA_N
ClientSampleId :
S-829-J-SO-1-1.5-092221-FDDL

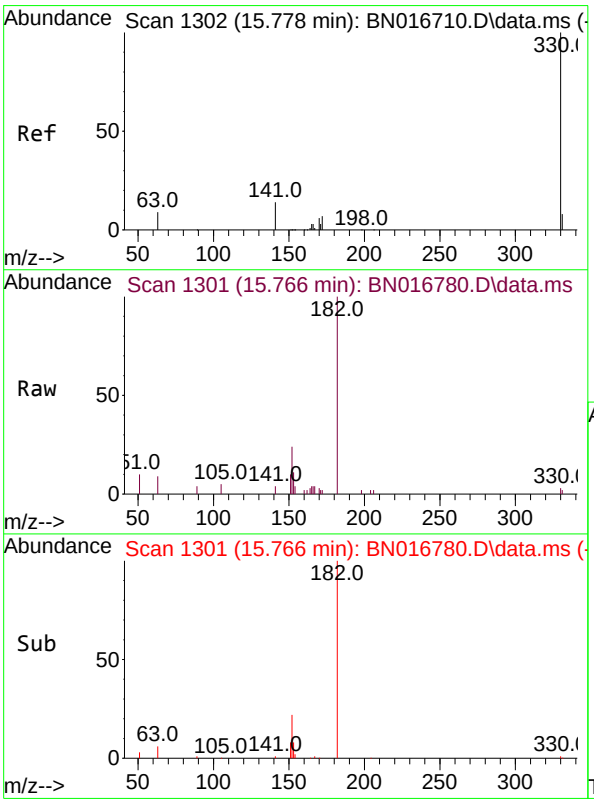


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016780.D
Acq: 06 Oct 2021 15:38

Tgt Ion:164 Resp: 49848

Ion	Ratio	Lower	Upper
164	100		
162	99.2	82.6	124.0
160	43.9	38.2	57.2

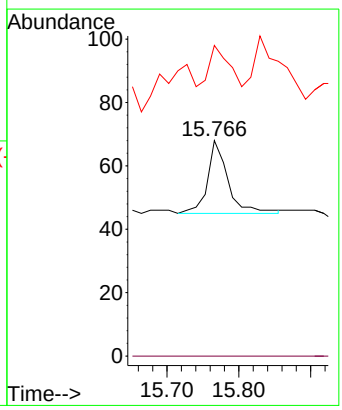


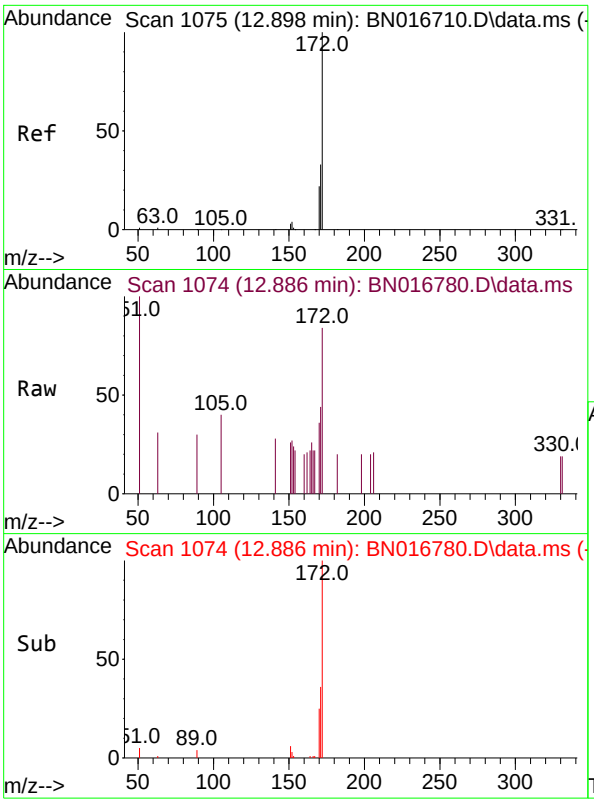


#14
2,4,6-Tribromophenol
Concen: 0.118 ng
RT: 15.766 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BN016780.D
Acq: 06 Oct 2021 15:38

Tgt Ion:330 Resp: 46

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	50.0	24.2	36.2#

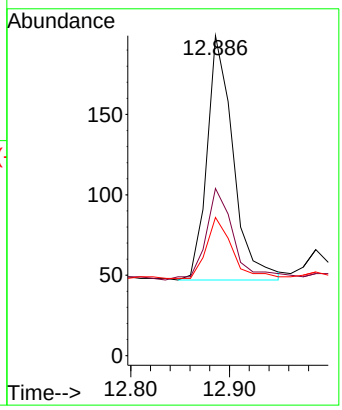


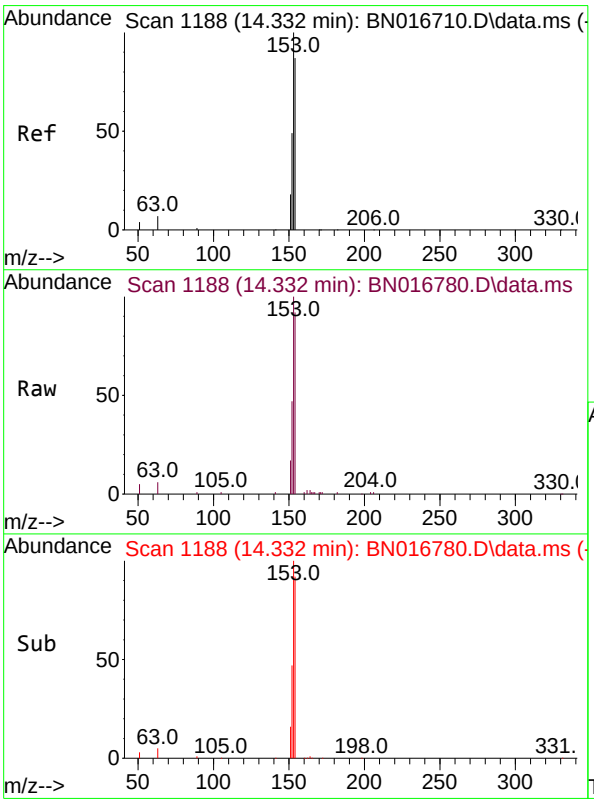


#15
2-Fluorobiphenyl
Concen: 0.001 ng
RT: 12.886 min Scan# 1074
Delta R.T. 0.000 min
Lab File: BN016780.D
Acq: 06 Oct 2021 15:38

Tgt Ion:172 Resp: 280

Ion	Ratio	Lower	Upper
172	100		
171	52.3	26.9	40.3#
170	43.2	17.4	26.0#

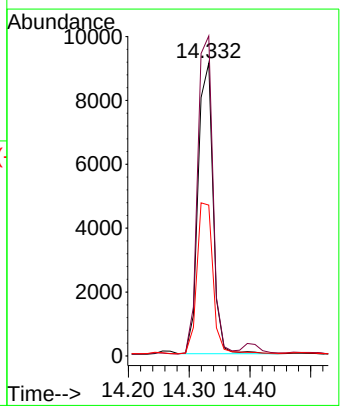




#17
Acenaphthene
Concen: 0.107 ng
RT: 14.332 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BN016780.D
Acq: 06 Oct 2021 15:38

Tgt Ion:154 Resp: 15561

Ion	Ratio	Lower	Upper
154	100		
153	112.3	90.1	135.1
152	55.9	43.6	65.4



Instrument :
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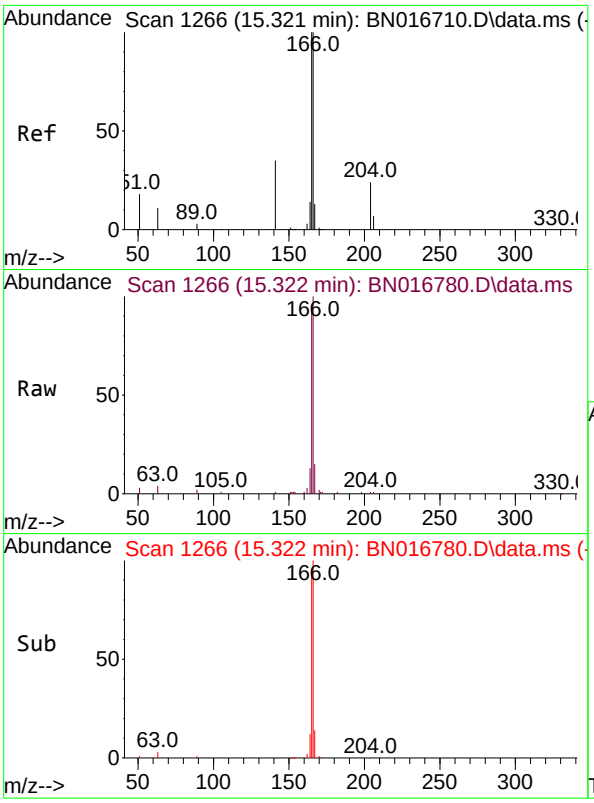
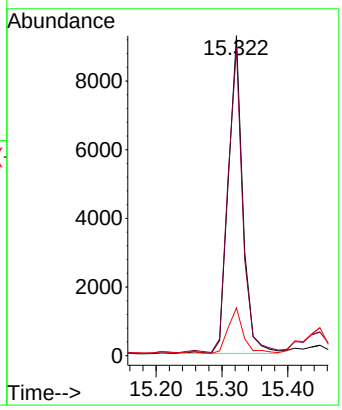
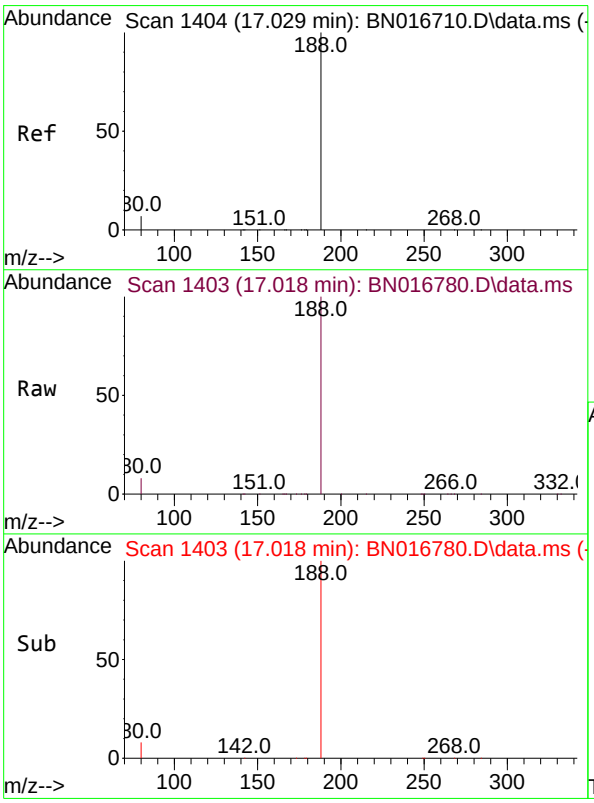


#18
Fluorene
Concen: 0.080 ng
RT: 15.322 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BN016780.D
Acq: 06 Oct 2021 15:38

Tgt Ion:166 Resp: 14076

Ion	Ratio	Lower	Upper
166	100		
165	99.0	78.1	117.1
167	15.2	10.7	16.1

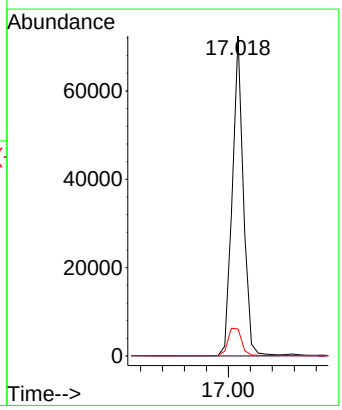


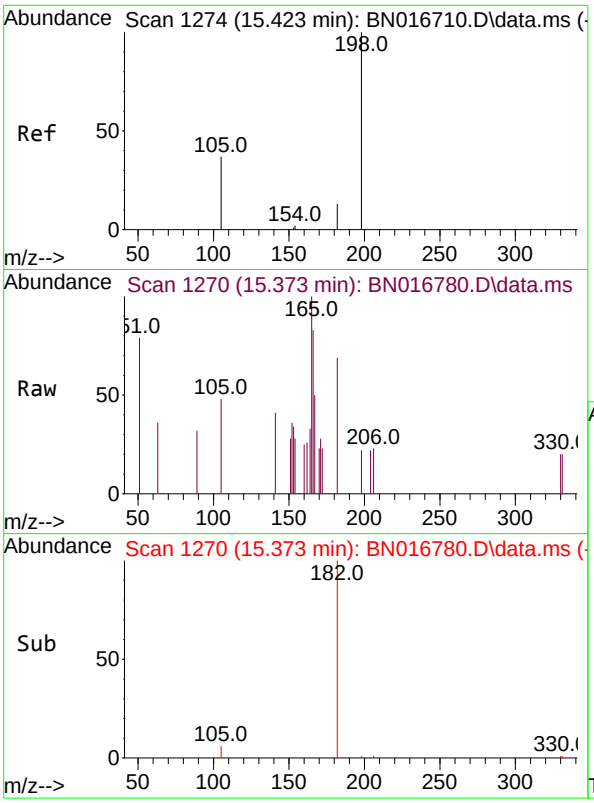


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.018 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BN016780.D
Acq: 06 Oct 2021 15:38

Tgt Ion:188 Resp: 100634

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.5	5.8	8.8

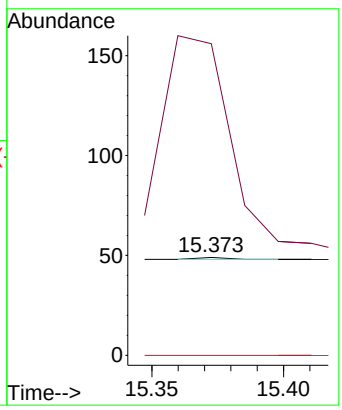




#20
4,6-Dinitro-2-methylphenol
Concen: 0.266 ng
RT: 15.373 min Scan# 1270
Delta R.T. -0.038 min
Lab File: BN016780.D
Acq: 06 Oct 2021 15:38

Tgt Ion:198 Resp: 1

Ion	Ratio	Lower	Upper
198	100		
182	318.4	26.2	39.2#
77	0.0	0.0	0.0



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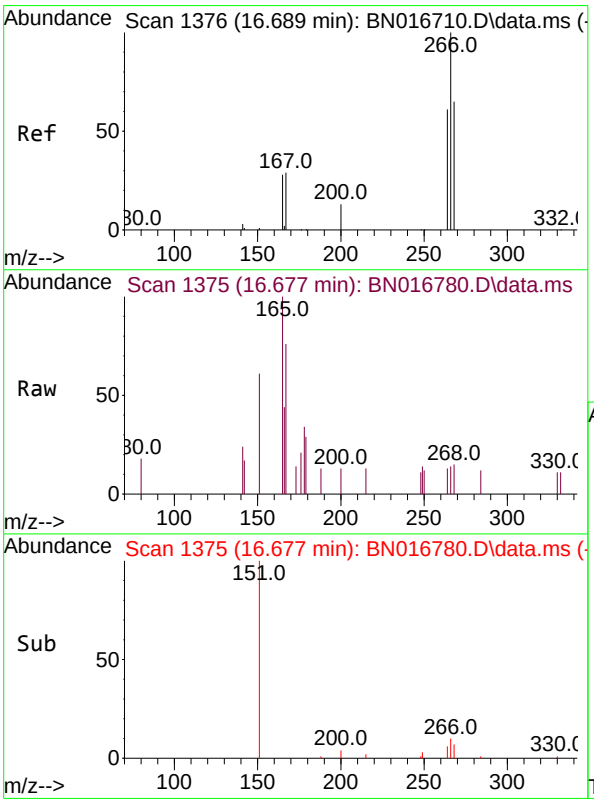
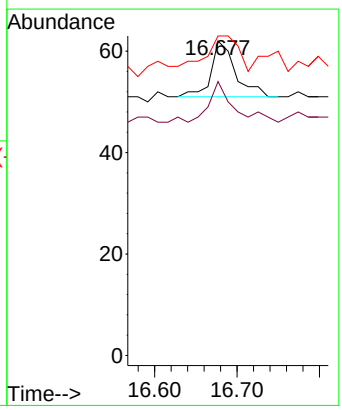
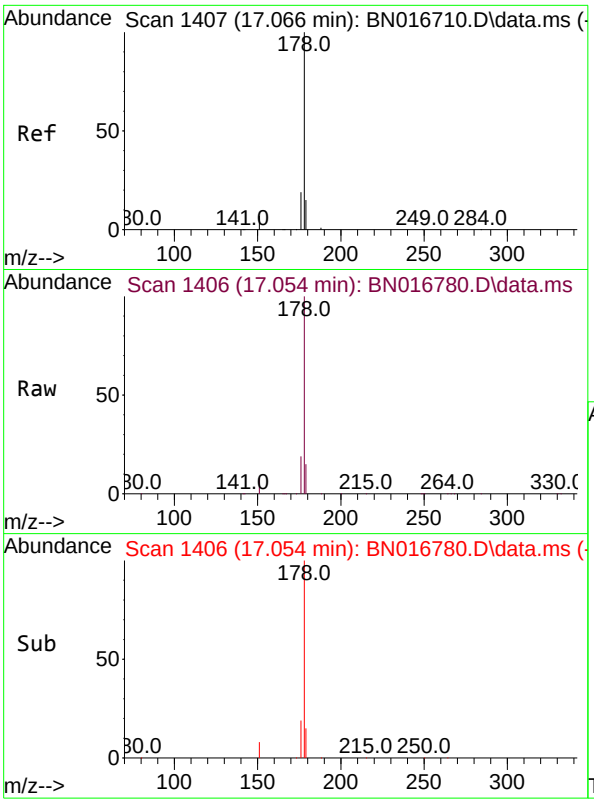


#24
Pentachlorophenol
Concen: 0.339 ng
RT: 16.677 min Scan# 1375
Delta R.T. 0.000 min
Lab File: BN016780.D
Acq: 06 Oct 2021 15:38

Tgt Ion:266 Resp: 23

Ion	Ratio	Lower	Upper
266	100		
264	73.9	49.3	73.9
268	82.6	51.8	77.8#

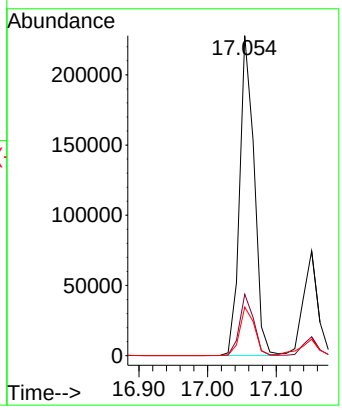




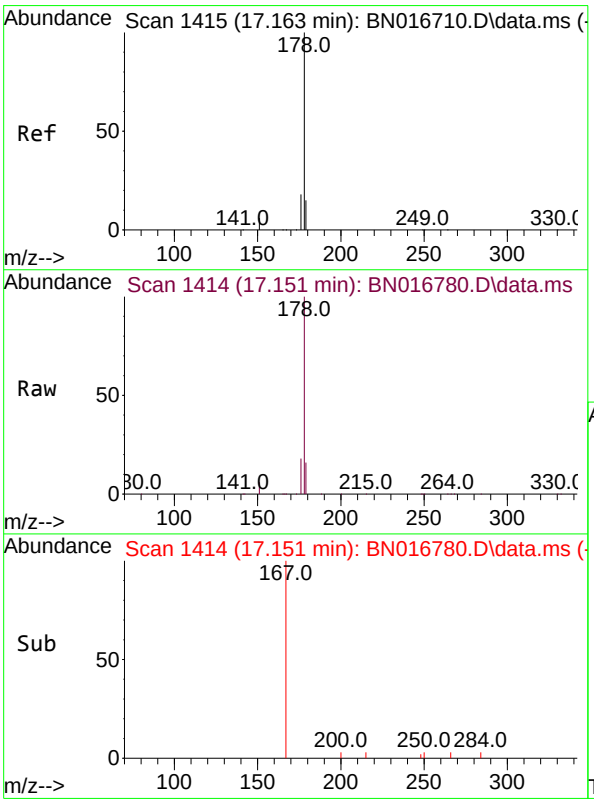
#25
Phenanthrene
Concen: 1.134 ng
RT: 17.054 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BN016780.D
Acq: 06 Oct 2021 15:38

Tgt Ion:178 Resp: 335596

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.6
179	15.4	12.4	18.6



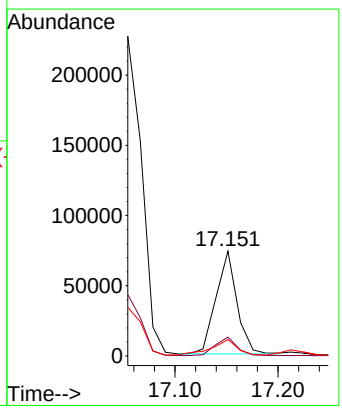
Instrument :
BNA_N
ClientSampleId :
S-829-J-SO-1-1.5-092221-FDDL

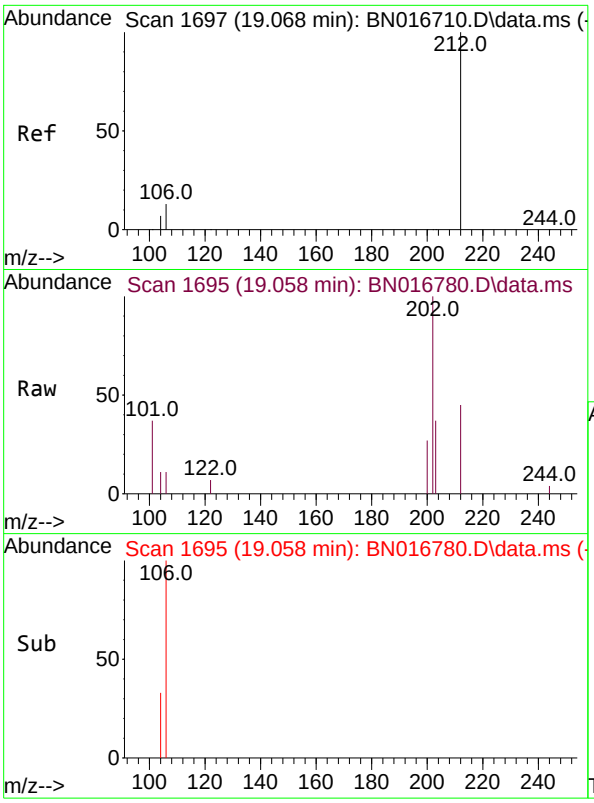


#26
Anthracene
Concen: 0.394 ng
RT: 17.151 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BN016780.D
Acq: 06 Oct 2021 15:38

Tgt Ion:178 Resp: 103975

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.5	21.7
179	17.9	12.2	18.4

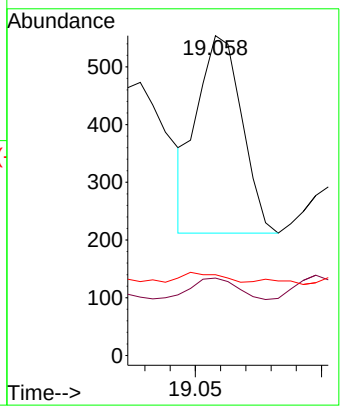




#27
Fluoranthene-d10
Concen: 0.002 ng
RT: 19.058 min Scan# 1695
Delta R.T. -0.005 min
Lab File: BN016780.D
Acq: 06 Oct 2021 15:38

Tgt Ion:212 Resp: 421

Ion	Ratio	Lower	Upper
212	100		
106	11.4	10.6	16.0
104	11.6	5.8	8.8#



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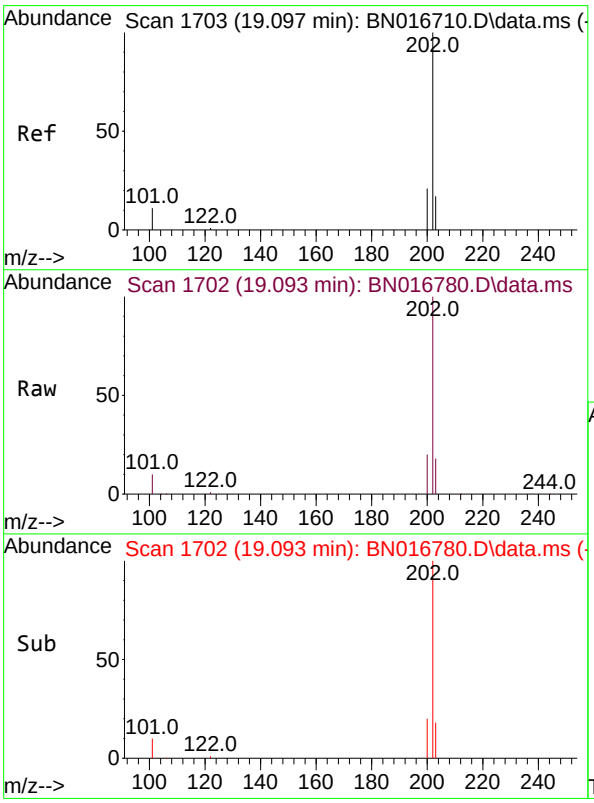
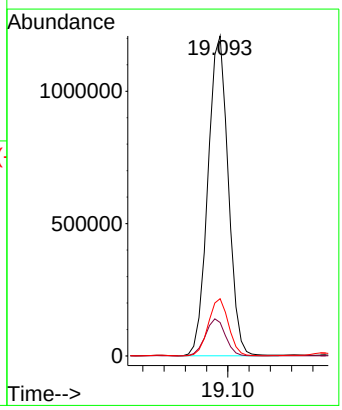


#28
Fluoranthene
Concen: 4.885 ng
RT: 19.093 min Scan# 1702
Delta R.T. 0.000 min
Lab File: BN016780.D
Acq: 06 Oct 2021 15:38

Tgt Ion:202 Resp: 1603527

Ion	Ratio	Lower	Upper
202	100		
101	11.4	8.9	13.3
203	17.7	13.8	20.8



Instrument :
BNA_N
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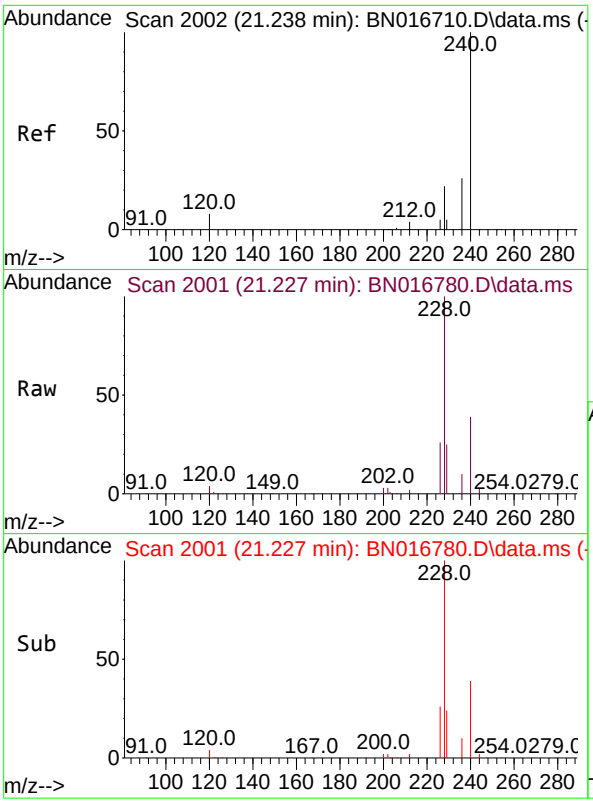
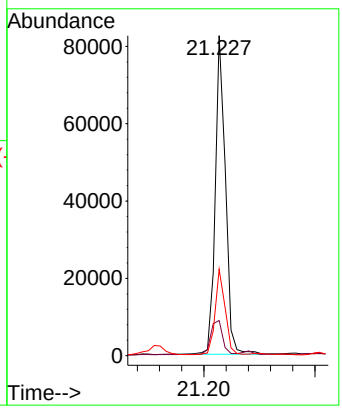
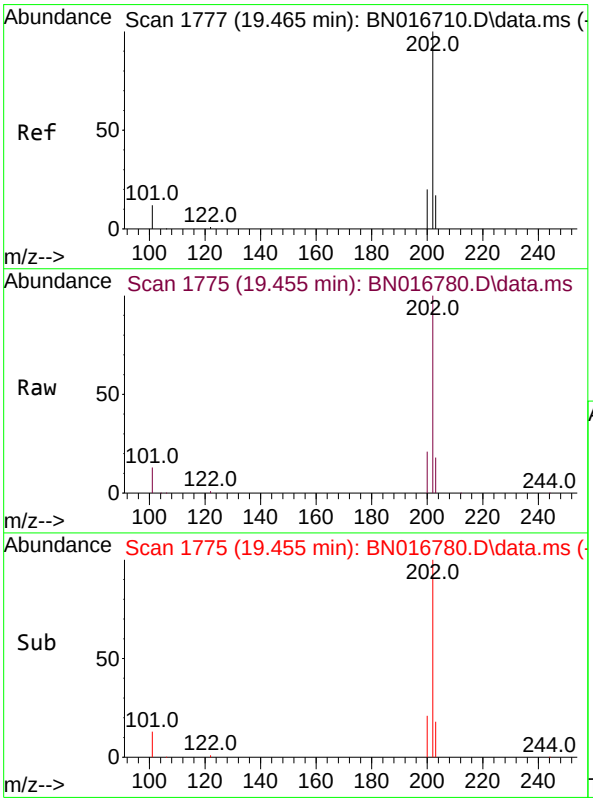


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.227 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BN016780.D
Acq: 06 Oct 2021 15:38

Tgt Ion:240 Resp: 105028

Ion	Ratio	Lower	Upper
240	100		
120	11.0	6.6	10.0#
236	27.0	20.7	31.1

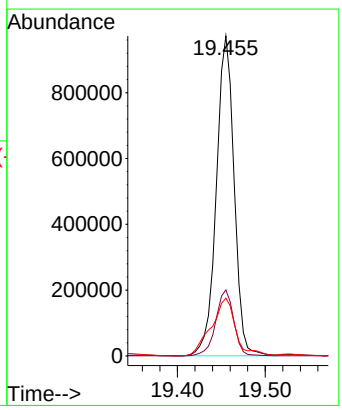


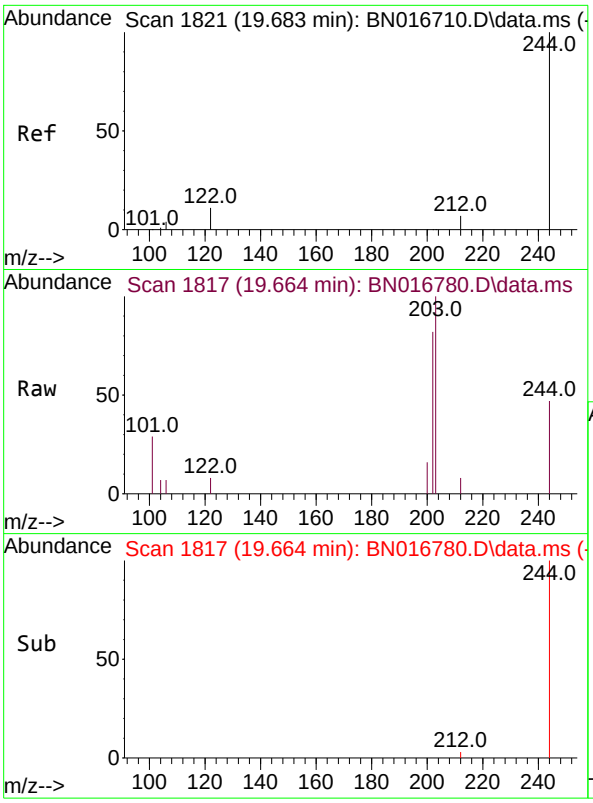


#30
Pyrene
Concen: 3.965 ng
RT: 19.455 min Scan# 1775
Delta R.T. 0.000 min
Lab File: BN016780.D
Acq: 06 Oct 2021 15:38

Tgt Ion:202 Resp: 1369161

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.5	24.7
203	24.4	13.9	20.9#





#31
Terphenyl-d14
Concen: 0.005 ng
RT: 19.664 min Scan# 1817
Delta R.T. -0.010 min
Lab File: BN016780.D
Acq: 06 Oct 2021 15:38

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ClientSampleId :
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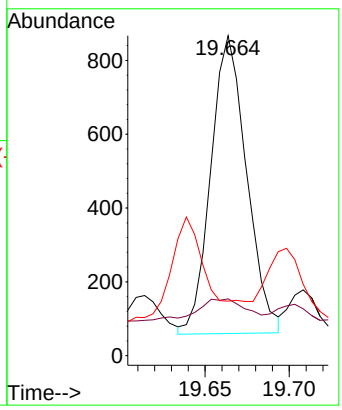
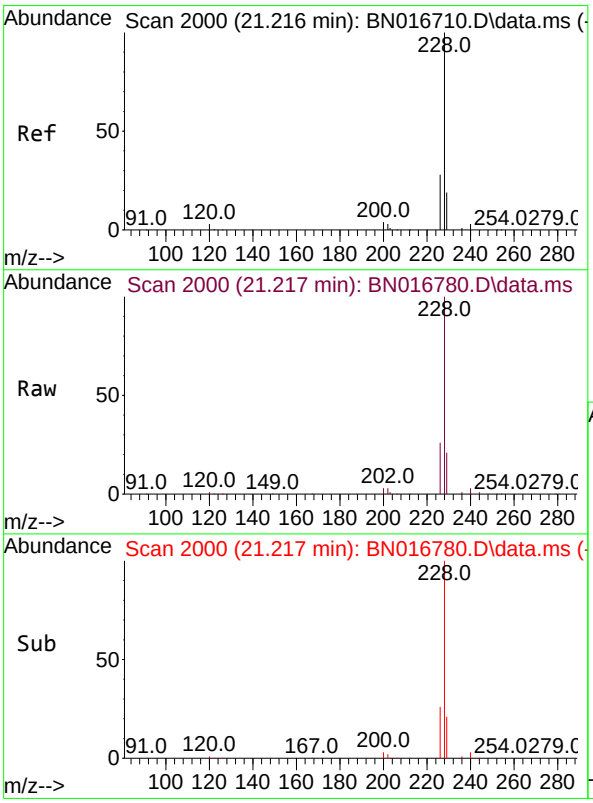
Tgt Ion:244 Resp: 1195

Ion	Ratio	Lower	Upper
244	100		
212	17.8	5.8	8.6#
122	17.1	8.9	13.3#

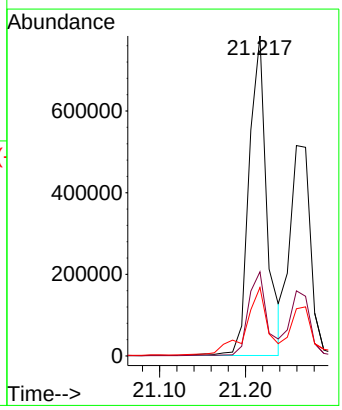


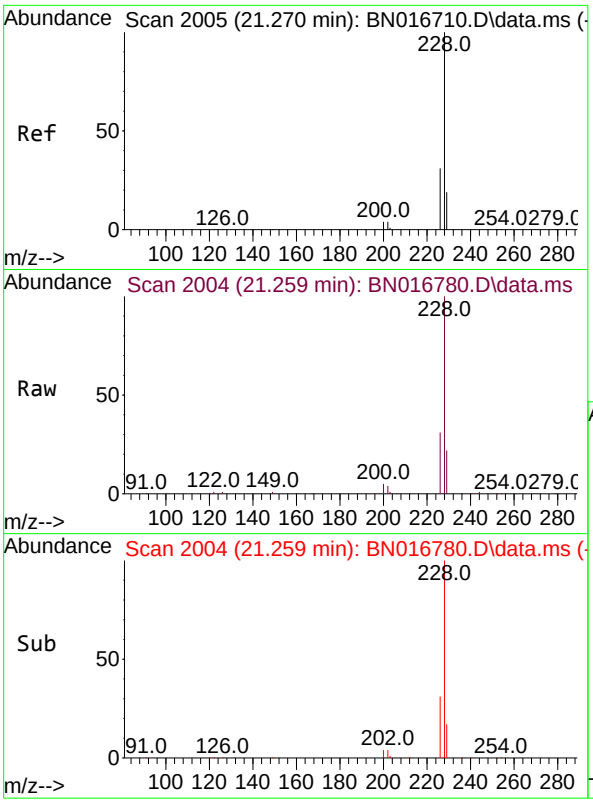


#32
Benzo(a)anthracene
Concen: 3.461 ng
RT: 21.217 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BN016780.D
Acq: 06 Oct 2021 15:38

Tgt Ion:228 Resp: 1127441

Ion	Ratio	Lower	Upper
228	100		
226	26.3	22.3	33.5
229	21.4	15.4	23.0

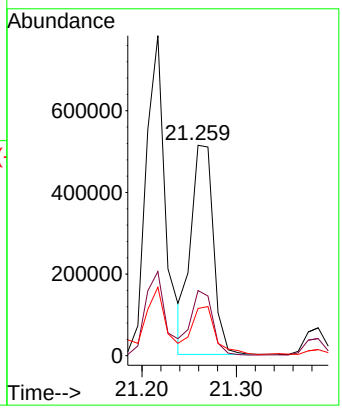




#33
Chrysene
Concen: 2.582 ng
RT: 21.259 min Scan# 2004
Delta R.T. -0.011 min
Lab File: BN016780.D
Acq: 06 Oct 2021 15:38

Tgt Ion:228 Resp: 853194

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.2	36.4
229	22.4	15.4	23.0



Instrument :
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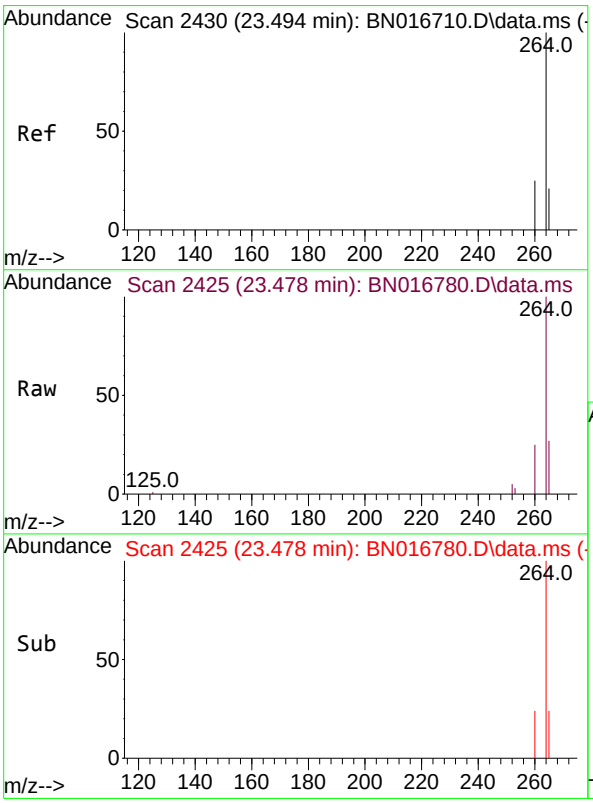
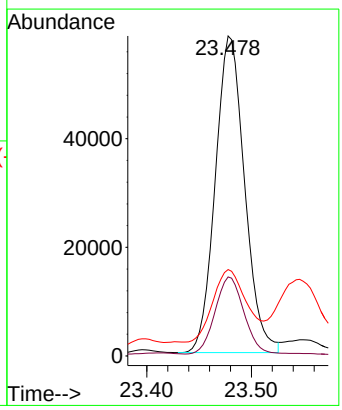
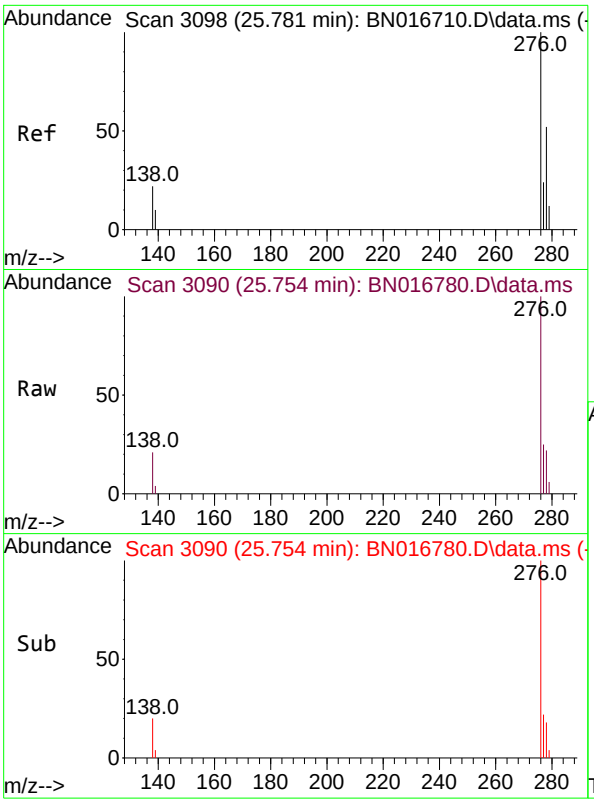


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.478 min Scan# 2425
Delta R.T. -0.003 min
Lab File: BN016780.D
Acq: 06 Oct 2021 15:38

Tgt Ion:264 Resp: 113675

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.8	29.6
265	27.0	20.3	30.5

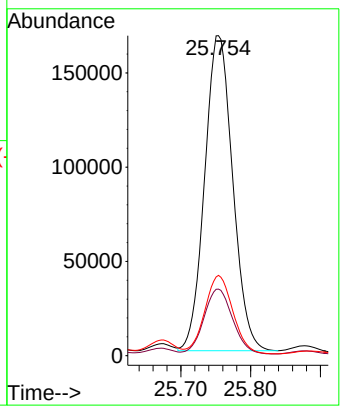




#36
Indeno(1,2,3-cd)pyrene
Concen: 1.295 ng
RT: 25.754 min Scan# 3090
Delta R.T. 0.000 min
Lab File: BN016780.D
Acq: 06 Oct 2021 15:38

Tgt Ion:276 Resp: 467255

Ion	Ratio	Lower	Upper
276	100		
138	21.0	19.2	28.8
277	24.8	20.0	30.0



Instrument :
BNA_N
ClientSampleId :
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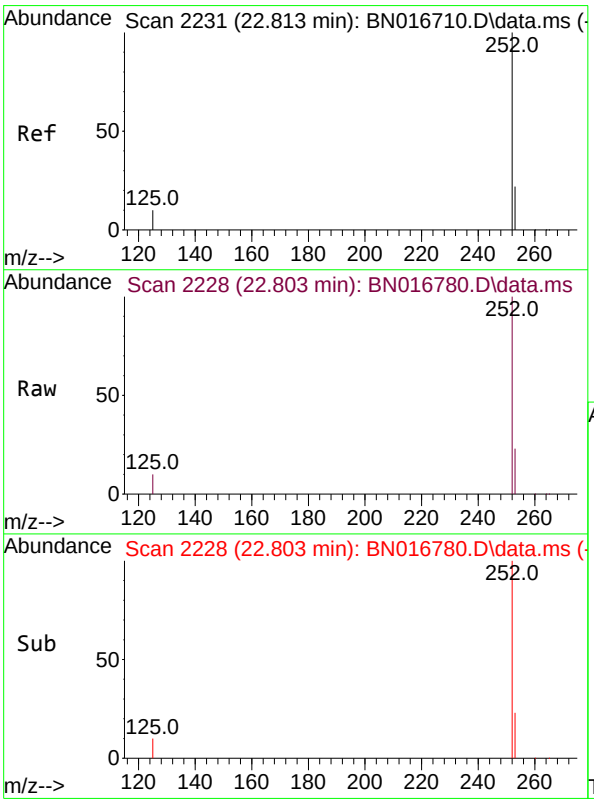
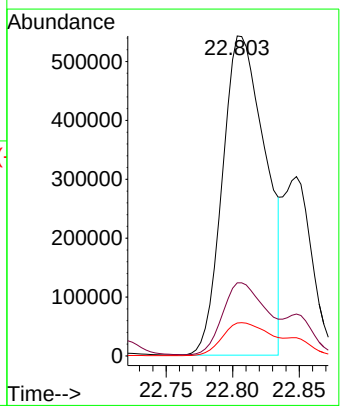
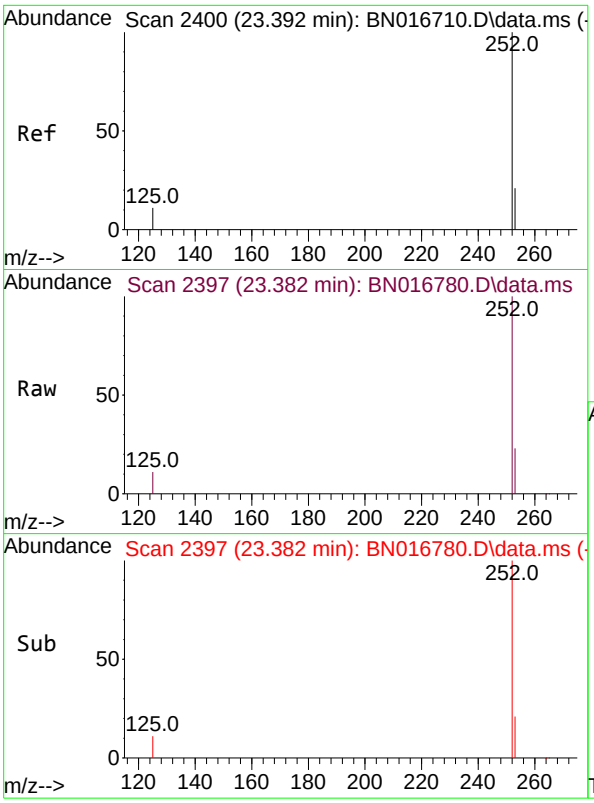


#37
Benzo(b)fluoranthene
Concen: 3.317 ng
RT: 22.803 min Scan# 2228
Delta R.T. 0.000 min
Lab File: BN016780.D
Acq: 06 Oct 2021 15:38

Tgt Ion:252 Resp: 1219433

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	10.3	8.3	12.5

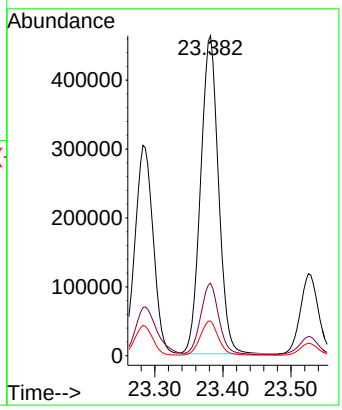




#39
Benzo(a)pyrene
Concen: 2.548 ng
RT: 23.382 min Scan# 2397
Delta R.T. 0.000 min
Lab File: BN016780.D
Acq: 06 Oct 2021 15:38

Tgt Ion:252 Resp: 838082

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	10.8	9.4	14.2



Instrument :
BNA_N
ClientSampleId :
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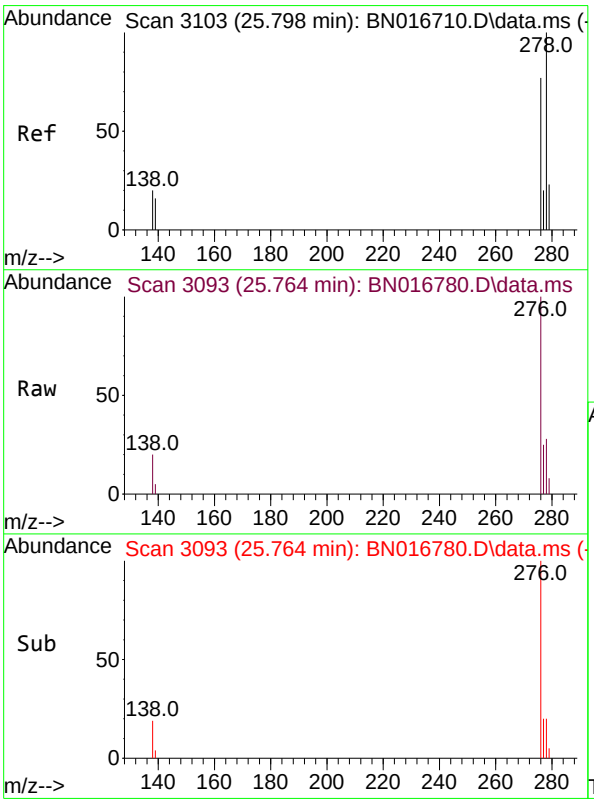
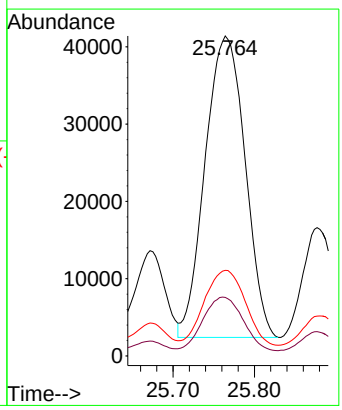
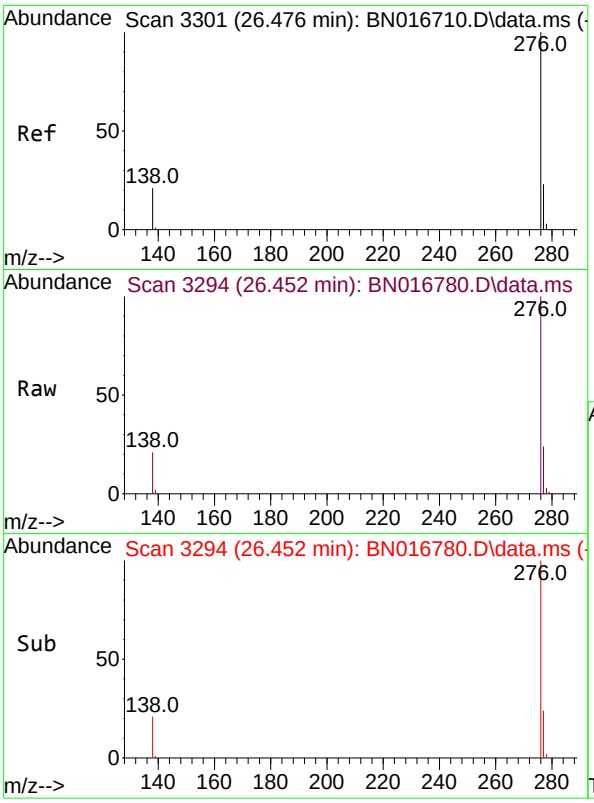


#40
Dibenzo(a,h)anthracene
Concen: 0.465 ng
RT: 25.764 min Scan# 3093
Delta R.T. -0.014 min
Lab File: BN016780.D
Acq: 06 Oct 2021 15:38

Tgt Ion:278 Resp: 133016

Ion	Ratio	Lower	Upper
278	100		
139	18.3	13.1	19.7
279	26.8	19.3	28.9

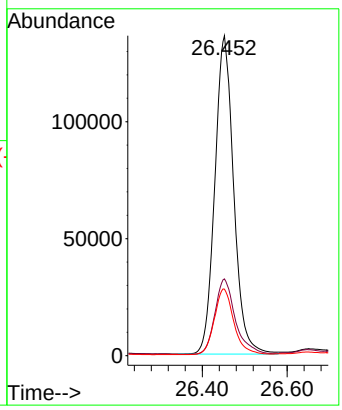




#41
Benzo(g,h,i)perylene
Concen: 1.310 ng
RT: 26.452 min Scan# 3294
Delta R.T. 0.000 min
Lab File: BN016780.D
Acq: 06 Oct 2021 15:38

Tgt Ion:276 Resp: 419698

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.0	28.4
138	20.8	17.0	25.6



Instrument :
BNA_N
ClientSampleId :
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