Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101121\
Data File : BN016883.D
Acq On : 11 Oct 2021 13:41
Operator : CG/JU
Sample : M3966-04DL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : S-830-J-SO-2-2.5-092721DL

Quant Time: Oct 11 14:15:16 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 08 15:46:07 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.605	152	22510	0.400	ng		0.00
7) Naphthalene-d8	10.381	136	105909	0.400	ng		# 0.00
13) Acenaphthene-d10	14.243	164	59054	0.400	ng		0.00
19) Phenanthrene-d10	16.993	188	118539	0.400	ng		#-0.01
29) Chrysene-d12	21.217	240	115613	0.400	ng		0.01
35) Perylene-d12	23.464	264	130110	0.400	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.236	112	7765	0.138	ng		0.00
5) Phenol-d6	6.803	99	8357	0.131	ng		0.00
8) Nitrobenzene-d5	8.746	82	9260	0.125	ng		-0.01
11) 2-Methylnaphthalene-d10	11.976	152	21398	0.136	ng		0.00
14) 2,4,6-Tribromophenol	15.740	330	4086	0.134	ng		-0.01
15) 2-Fluorobiphenyl	12.860	172	27731	0.116	ng		-0.01
27) Fluoranthene-d10	19.043	212	41941	0.127	ng		0.00
31) Terphenyl-d14	19.658	244	34101	0.135	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.419	128	60050	0.208	ng		99
12) 2-Methylnaphthalene	12.047	142	22477	0.122	ng		98
16) Acenaphthylene	13.964	152	19808	0.076	ng		96
17) Acenaphthene	14.307	154	78667	0.454	ng		100
18) Fluorene	15.296	166	100700	0.478	ng		98
20) 4,6-Dinitro-2-methylph...	15.347	198	17	0.208	ng	#	1
24) Pentachlorophenol	16.652	266	979	0.128	ng		99
25) Phenanthrene	17.042	178	1746835	4.962	ng		100
26) Anthracene	17.127	178	291164	0.931	ng	#	93
28) Fluoranthene	19.078	202	2757602	6.975	ng		99
30) Pyrene	19.440	202	2338835	6.579	ng	#	94
32) Benzo(a)anthracene	21.195	228	1178209	3.295	ng		99
33) Chrysene	21.248	228	1251694	3.437	ng		97
34) Bis(2-ethylhexyl)phtha...	21.153	149	169658	0.934	ng		100
36) Indeno(1,2,3-cd)pyrene	25.730	276	773896	1.571	ng		97
37) Benzo(b)fluoranthene	22.789	252	1742939	4.232	ng		98
39) Benzo(a)pyrene	23.364	252	1175758	3.124	ng		98
40) Dibenzo(a,h)anthracene	25.743	278	181801	0.451	ng	#	90
41) Benzo(g,h,i)perylene	26.428	276	755297	1.763	ng		98

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

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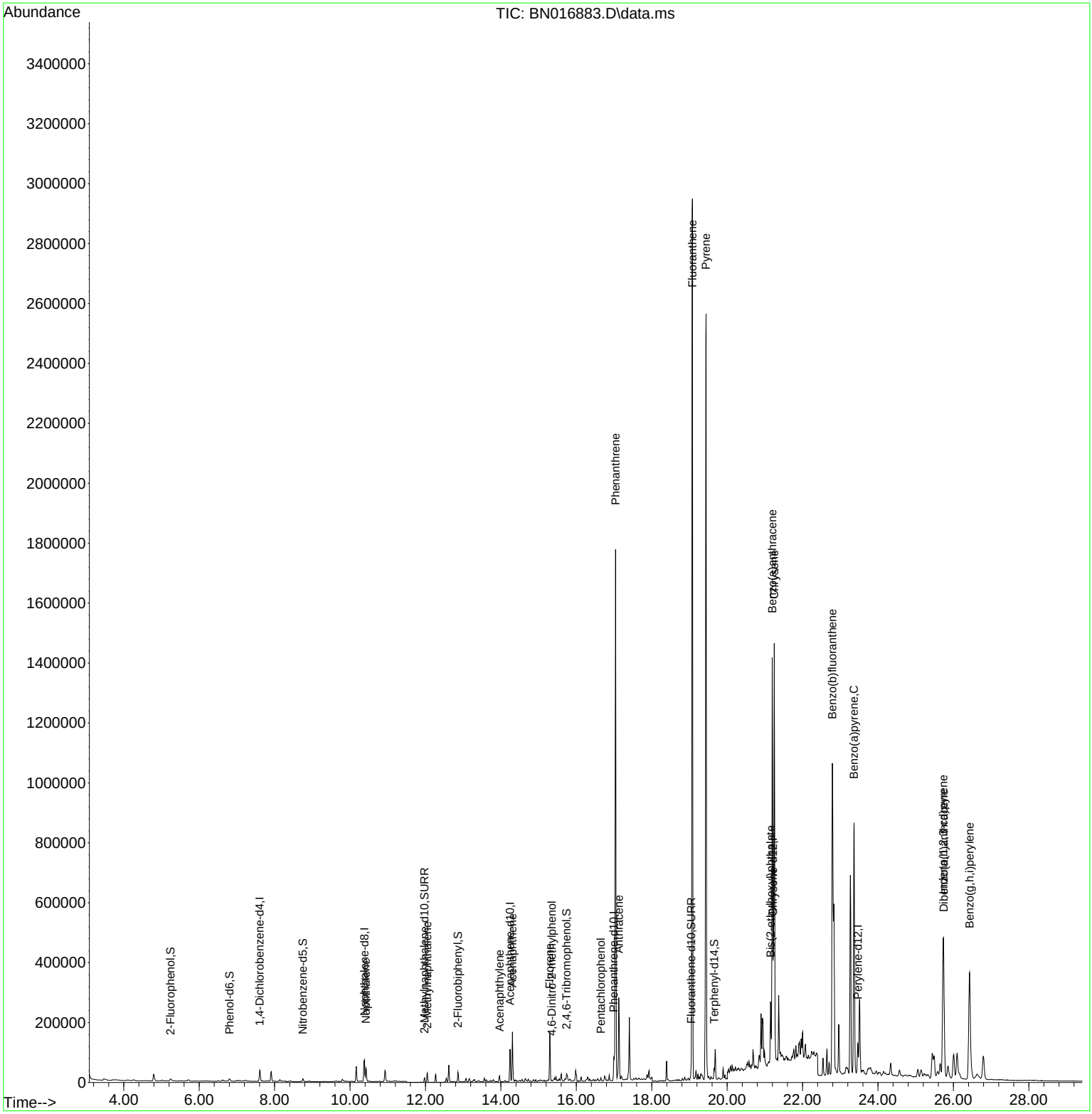
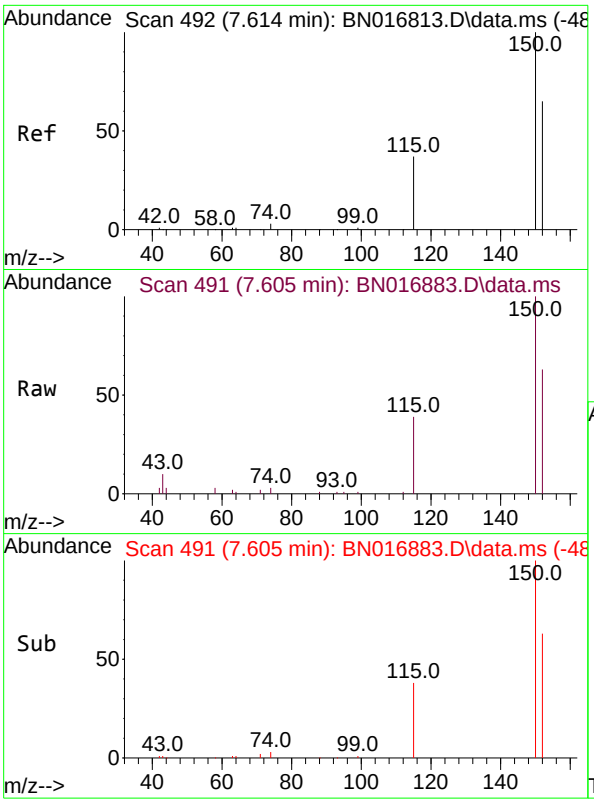
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S-830-J-SO-2-2.5-092721DL

Quant Time: Oct 11 14:15:16 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 08 15:46:07 2021
Response via : Initial Calibration

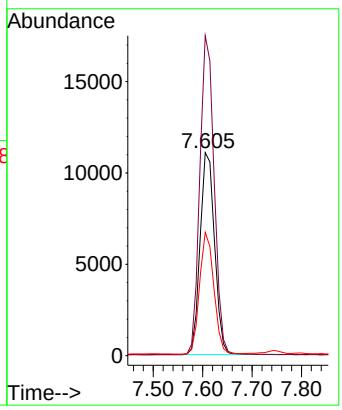




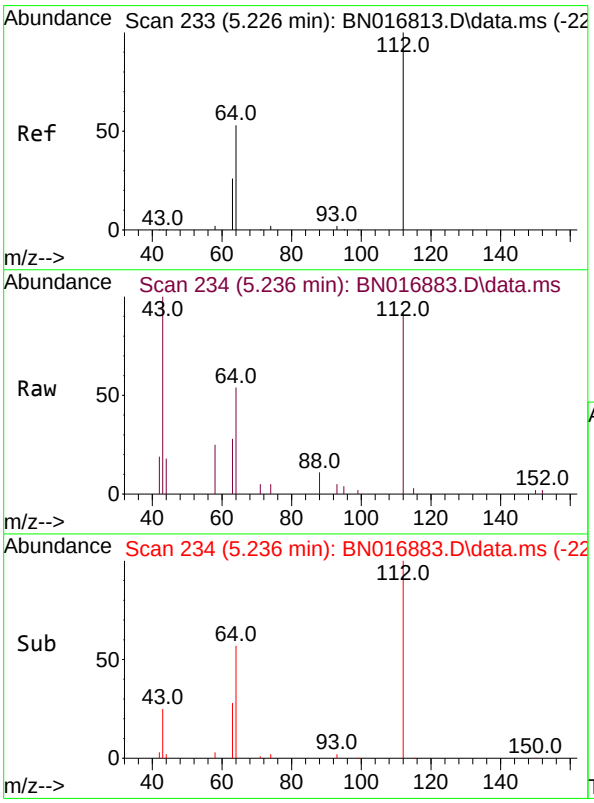
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.605 min Scan# 491
Delta R.T. -0.009 min
Lab File: BN016883.D
Acq: 11 Oct 2021 13:41

Tgt Ion:152 Resp: 22510

Ion	Ratio	Lower	Upper
152	100		
150	157.6	123.3	184.9
115	60.7	47.0	70.6



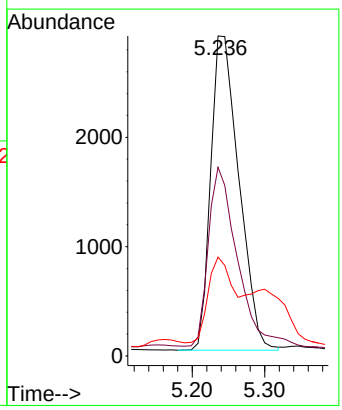
Instrument :
BNA_N
ClientSampleId :
S-830-J-SO-2-2.5-092721DL

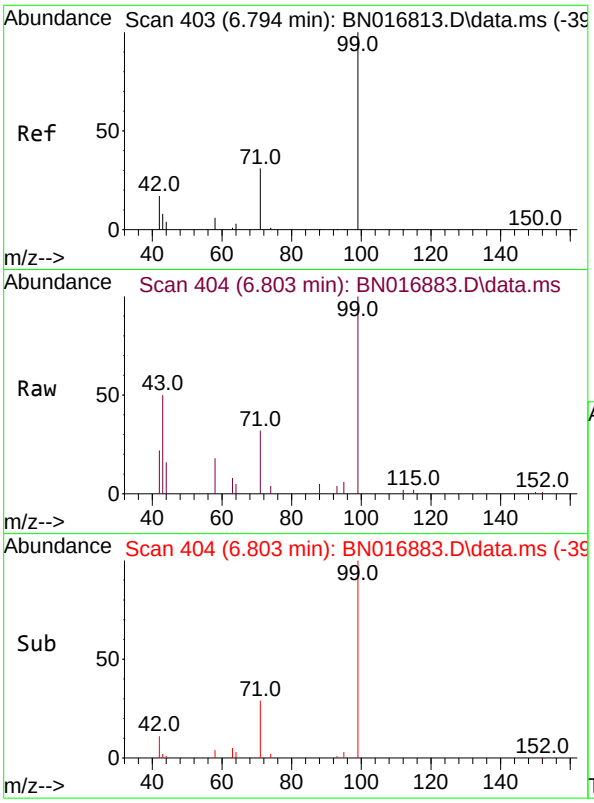


#4
2-Fluorophenol
Concen: 0.138 ng
RT: 5.236 min Scan# 234
Delta R.T. 0.000 min
Lab File: BN016883.D
Acq: 11 Oct 2021 13:41

Tgt Ion:112 Resp: 7765

Ion	Ratio	Lower	Upper
112	100		
64	58.2	42.9	64.3
63	27.2	21.5	32.3

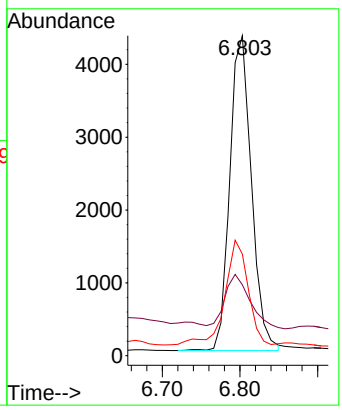




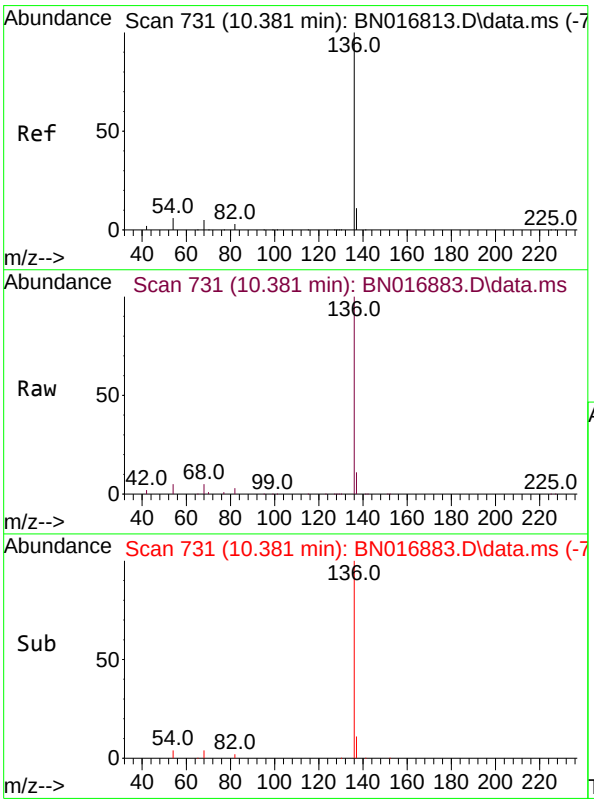
#5
Phenol-d6
Concen: 0.131 ng
RT: 6.803 min Scan# 404
Delta R.T. 0.009 min
Lab File: BN016883.D
Acq: 11 Oct 2021 13:41

Tgt Ion: 99 Resp: 8357

Ion	Ratio	Lower	Upper
99	100		
42	19.0	13.4	20.2
71	35.4	24.0	36.0



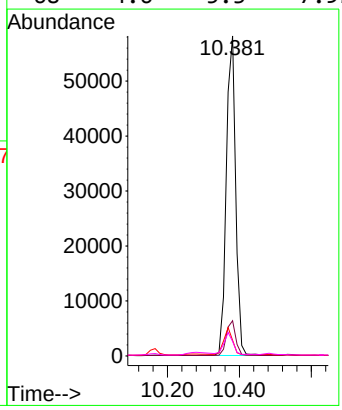
Instrument :
BNA_N
ClientSampleId :
S-830-J-SO-2-2.5-092721DL

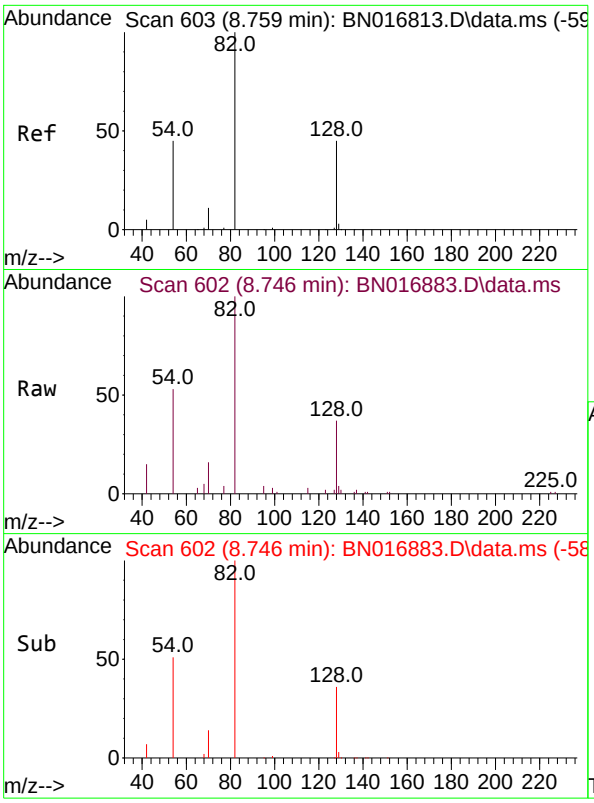


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.381 min Scan# 731
Delta R.T. 0.000 min
Lab File: BN016883.D
Acq: 11 Oct 2021 13:41

Tgt Ion:136 Resp: 105909

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	4.9	6.5	9.7#
68	4.6	5.3	7.9#

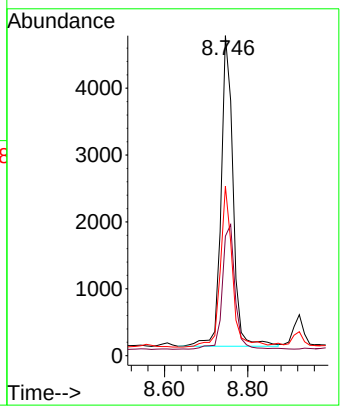




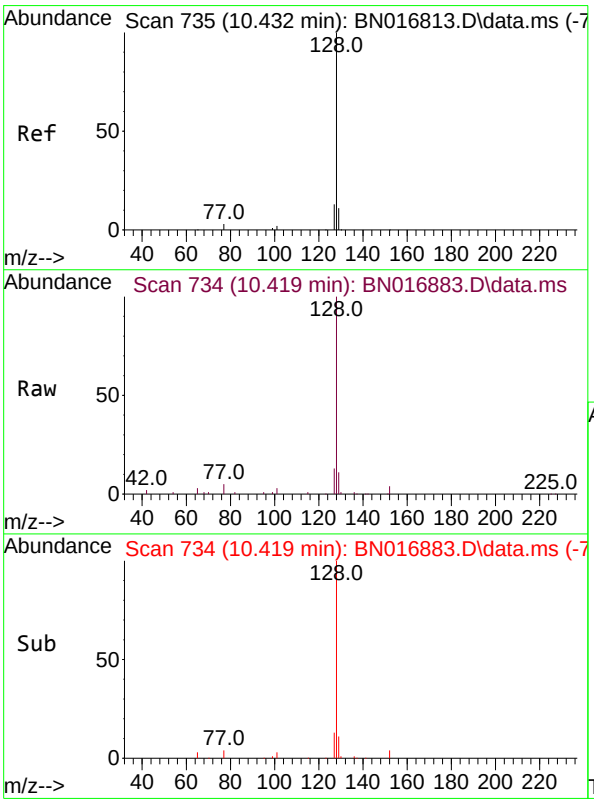
#8
Nitrobenzene-d5
Concen: 0.125 ng
RT: 8.746 min Scan# 602
Delta R.T. -0.013 min
Lab File: BN016883.D
Acq: 11 Oct 2021 13:41

Tgt Ion: 82 Resp: 9260

Ion	Ratio	Lower	Upper
82	100		
128	37.4	33.8	50.6
54	53.0	38.5	57.7



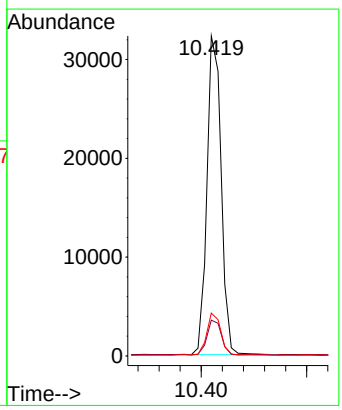
Instrument :
BNA_N
ClientSampleId :
S-830-J-SO-2-2.5-092721DL



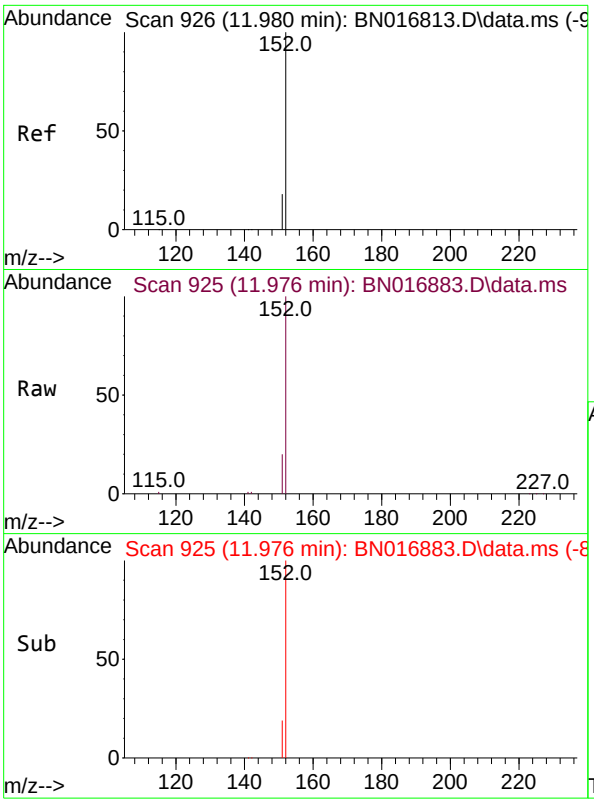
#9
Naphthalene
Concen: 0.208 ng
RT: 10.419 min Scan# 734
Delta R.T. -0.013 min
Lab File: BN016883.D
Acq: 11 Oct 2021 13:41

Tgt Ion:128 Resp: 60050

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.7	13.1
127	13.4	10.3	15.5



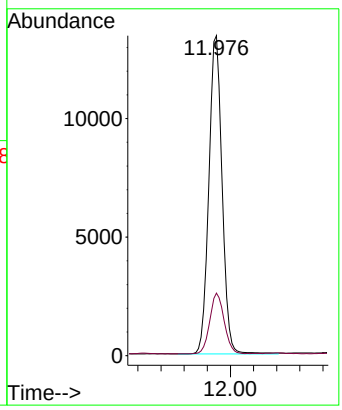
Instrument :
BNA_N
ClientSampleId :
S-830-J-SO-2-2.5-092721DL

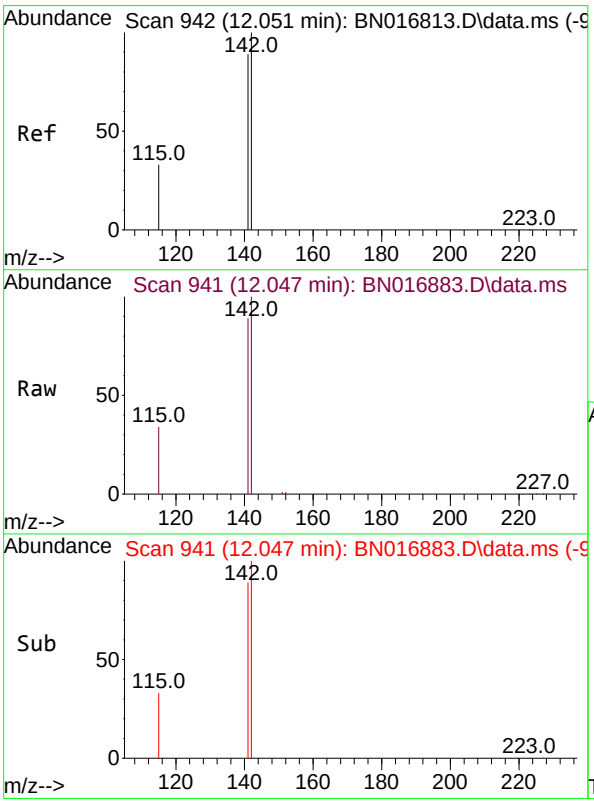


#11
2-Methylnaphthalene-d10
Concen: 0.136 ng
RT: 11.976 min Scan# 925
Delta R.T. -0.004 min
Lab File: BN016883.D
Acq: 11 Oct 2021 13:41

Tgt Ion:152 Resp: 21398

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.2	24.4

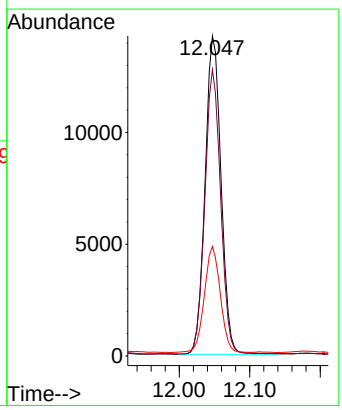


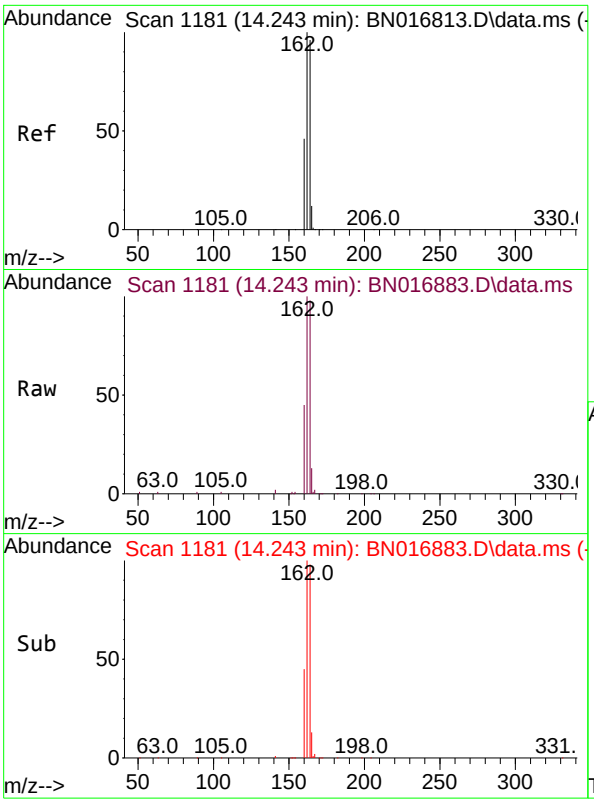


#12
2-Methylnaphthalene
Concen: 0.122 ng
RT: 12.047 min Scan# 941
Delta R.T. -0.004 min
Lab File: BN016883.D
Acq: 11 Oct 2021 13:41

Tgt Ion:142 Resp: 22477

Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.6	106.0
115	34.2	26.1	39.1

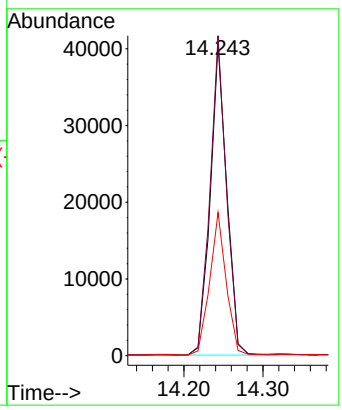




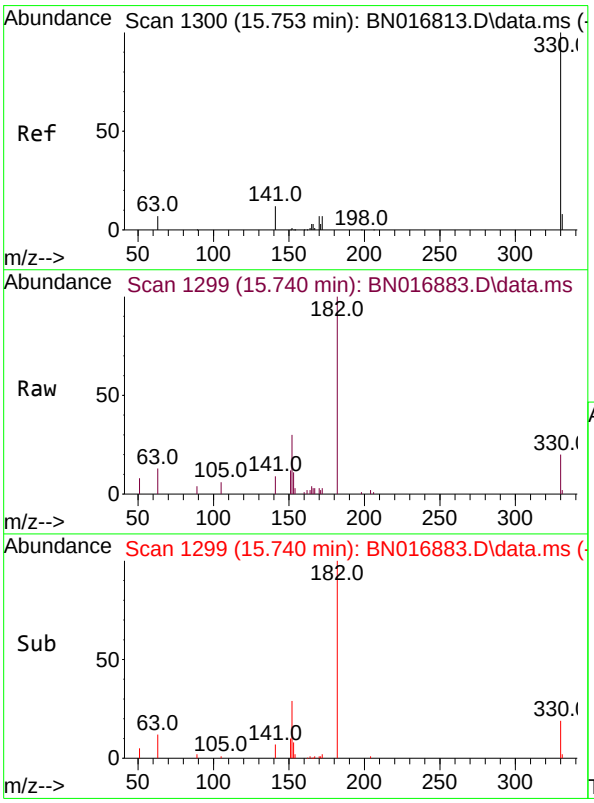
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.243 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BN016883.D
Acq: 11 Oct 2021 13:41

Tgt Ion:164 Resp: 59054

Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.6	124.0
160	45.9	38.2	57.2



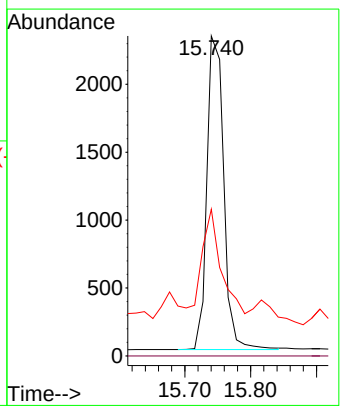
Instrument :
BNA_N
ClientSampleId :
S-830-J-SO-2-2.5-092721DL



#14
2,4,6-Tribromophenol
Concen: 0.134 ng
RT: 15.740 min Scan# 1299
Delta R.T. -0.013 min
Lab File: BN016883.D
Acq: 11 Oct 2021 13:41

Tgt Ion:330 Resp: 4086

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	36.5	24.2	36.2#



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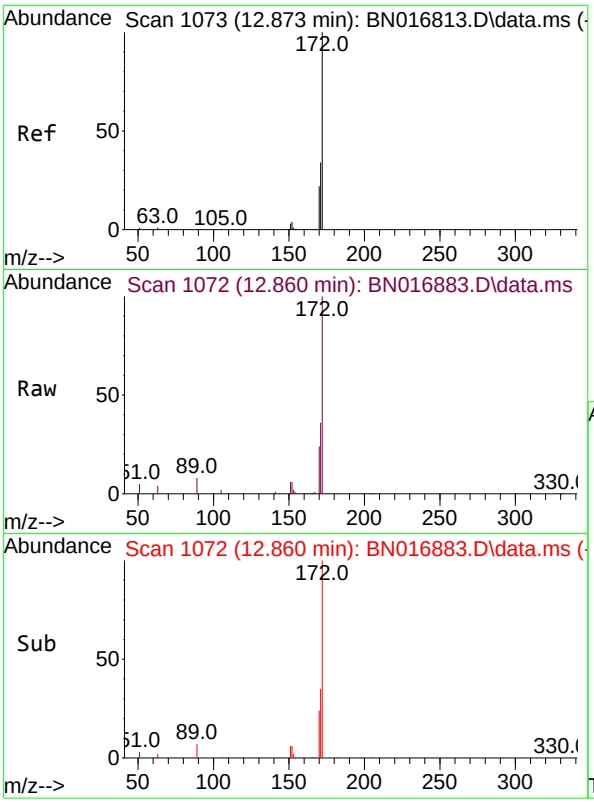
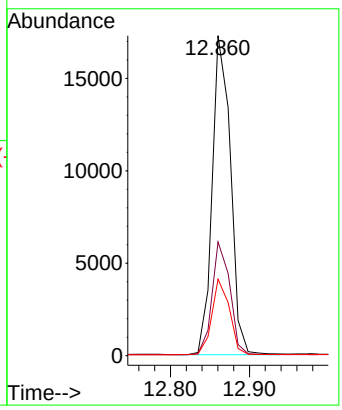
BNA_N
ClientSampleId :
S-830-J-SO-2-2.5-092721DL

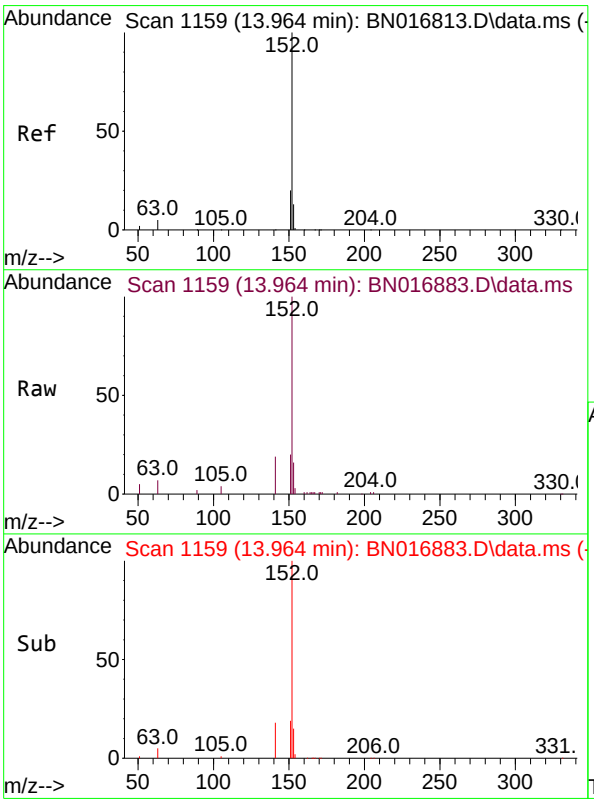


#15
2-Fluorobiphenyl
Concen: 0.116 ng
RT: 12.860 min Scan# 1072
Delta R.T. -0.013 min
Lab File: BN016883.D
Acq: 11 Oct 2021 13:41

Tgt Ion:172 Resp: 27731

Ion	Ratio	Lower	Upper
172	100		
171	35.5	26.9	40.3
170	23.9	17.4	26.0

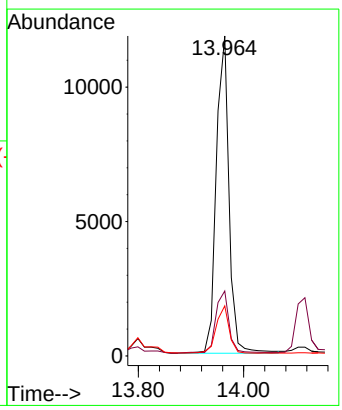


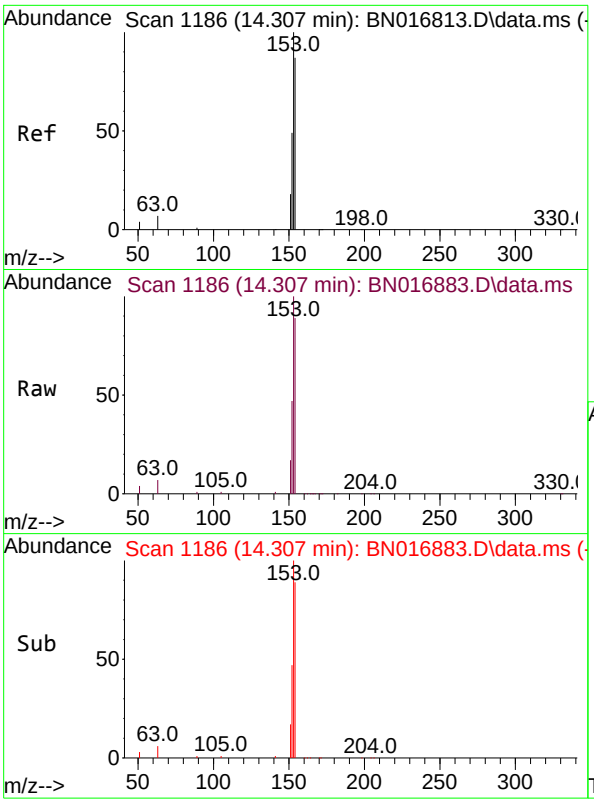


#16
Acenaphthylene
Concen: 0.076 ng
RT: 13.964 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BN016883.D
Acq: 11 Oct 2021 13:41

Tgt Ion:152 Resp: 19808

Ion	Ratio	Lower	Upper
152	100		
151	20.6	15.5	23.3
153	15.3	10.4	15.6

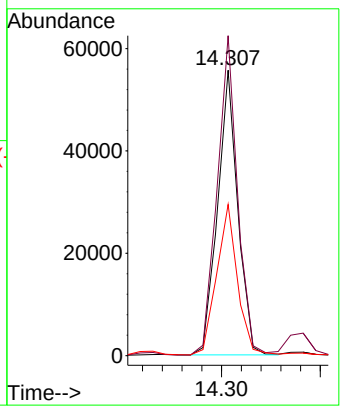




#17
Acenaphthene
Concen: 0.454 ng
RT: 14.307 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BN016883.D
Acq: 11 Oct 2021 13:41

Tgt Ion:154 Resp: 78667

Ion	Ratio	Lower	Upper
154	100		
153	113.1	90.1	135.1
152	54.4	43.6	65.4



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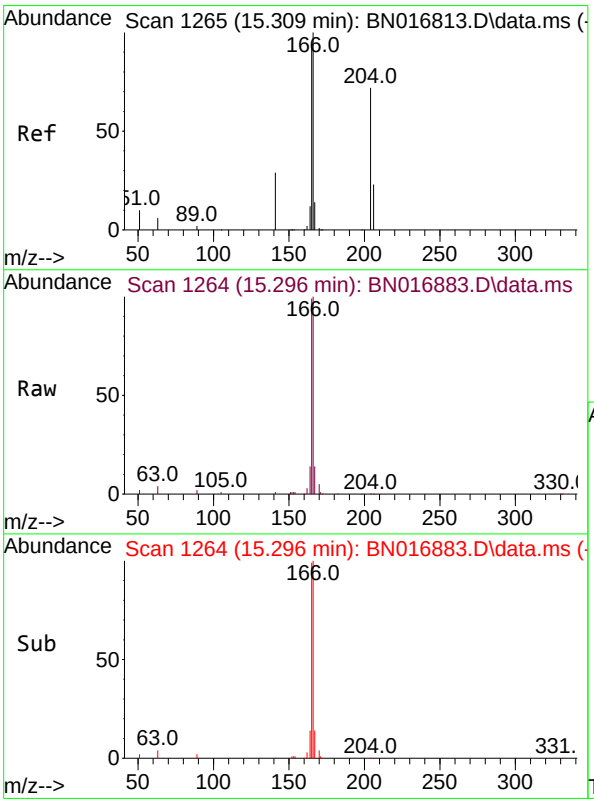
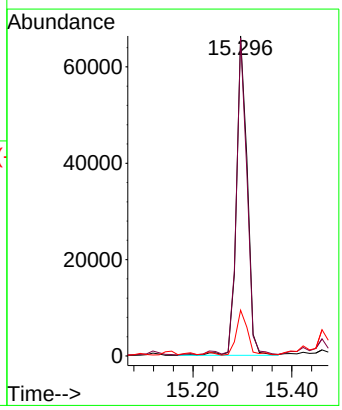
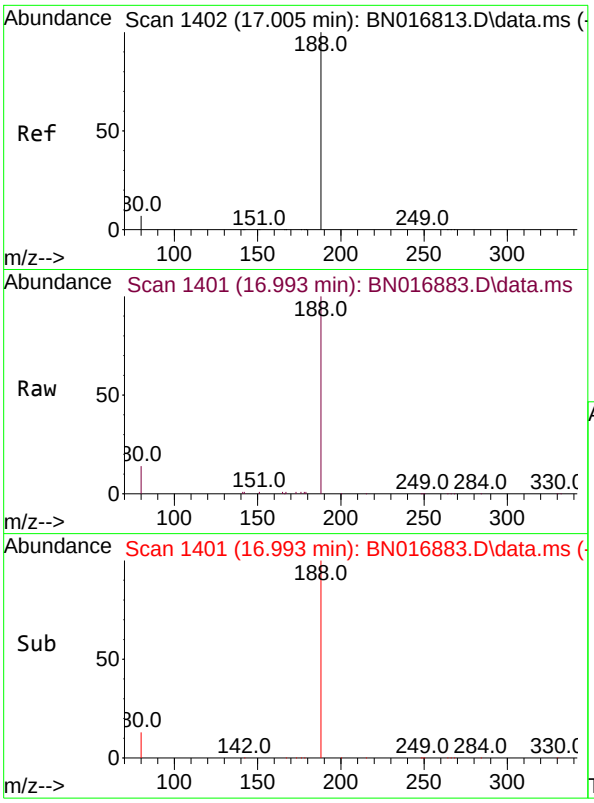


#18
Fluorene
Concen: 0.478 ng
RT: 15.296 min Scan# 1264
Delta R.T. 0.000 min
Lab File: BN016883.D
Acq: 11 Oct 2021 13:41

Tgt Ion:166 Resp: 100700

Ion	Ratio	Lower	Upper
166	100		
165	96.0	78.1	117.1
167	14.8	10.7	16.1

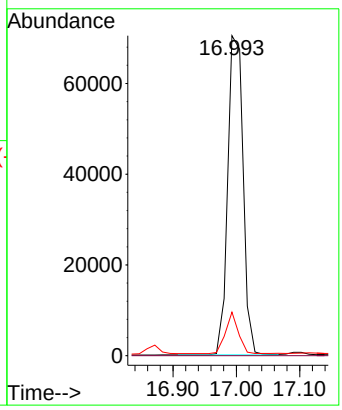


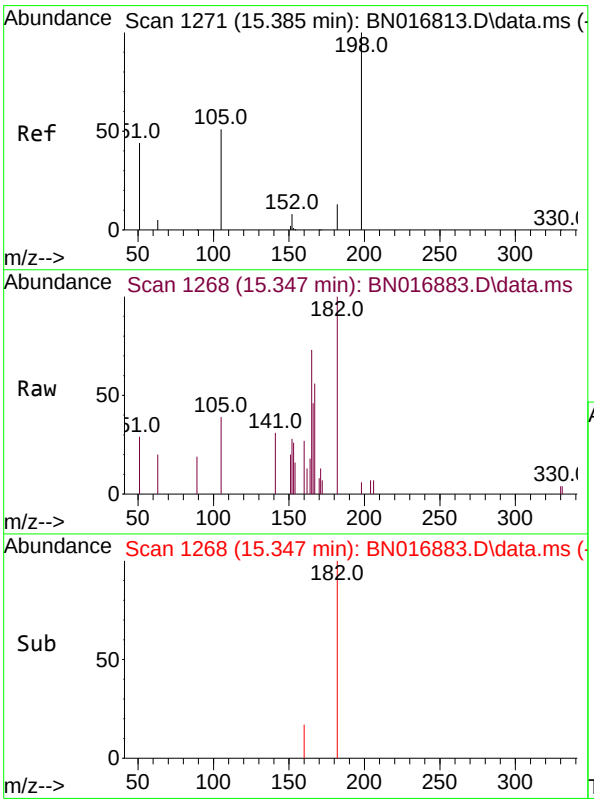


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.993 min Scan# 1401
Delta R.T. -0.012 min
Lab File: BN016883.D
Acq: 11 Oct 2021 13:41

Tgt Ion:188 Resp: 118539

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.6	5.8	8.8#

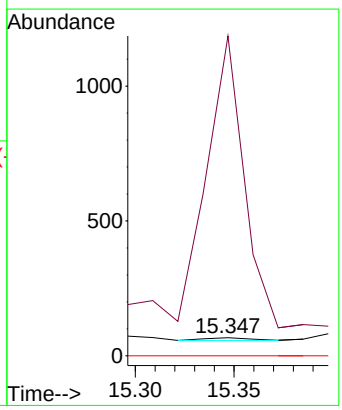




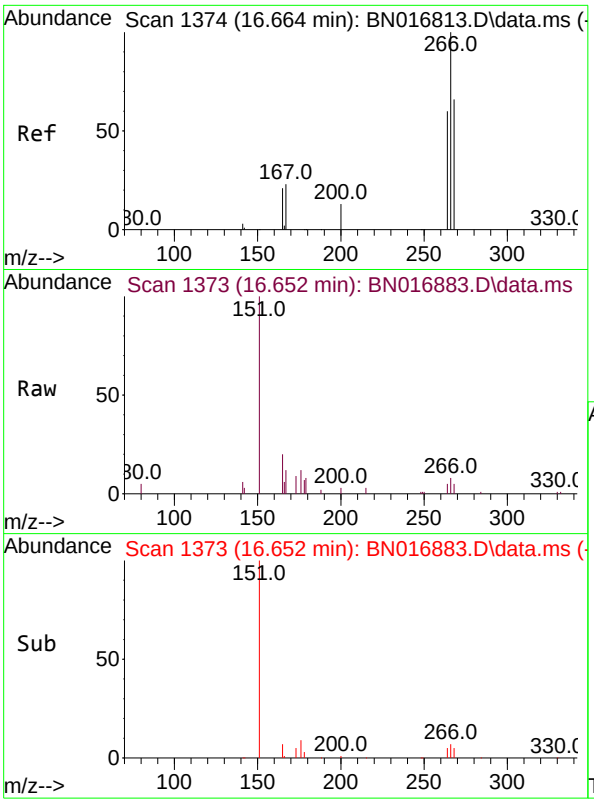
#20
4,6-Dinitro-2-methylphenol
Concen: 0.208 ng
RT: 15.347 min Scan# 1268
Delta R.T. -0.038 min
Lab File: BN016883.D
Acq: 11 Oct 2021 13:41

Tgt Ion:198 Resp: 17

Ion	Ratio	Lower	Upper
198	100		
182	1770.1	26.2	39.2#
77	0.0	0.0	0.0



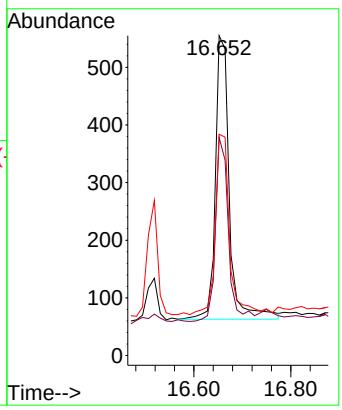
Instrument :
BNA_N
ClientSampleId :
S-830-J-SO-2-2.5-092721DL



#24
Pentachlorophenol
Concen: 0.128 ng
RT: 16.652 min Scan# 1373
Delta R.T. 0.000 min
Lab File: BN016883.D
Acq: 11 Oct 2021 13:41

Tgt Ion:266 Resp: 979

Ion	Ratio	Lower	Upper
266	100		
264	60.6	49.3	73.9
268	64.5	51.8	77.8



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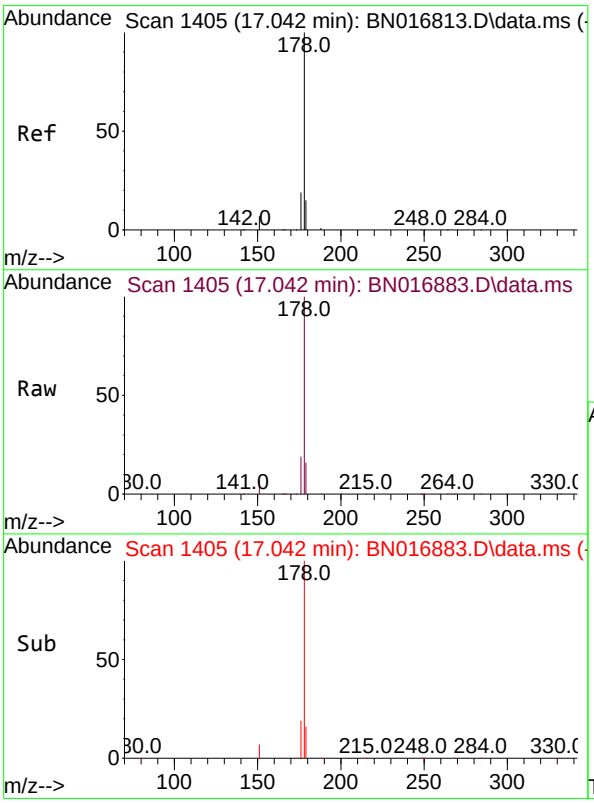
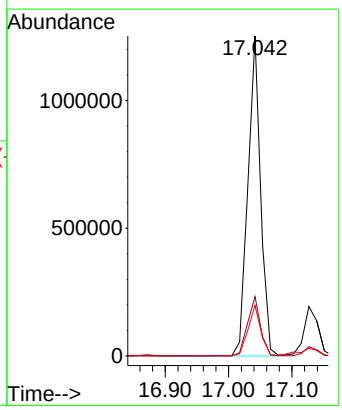
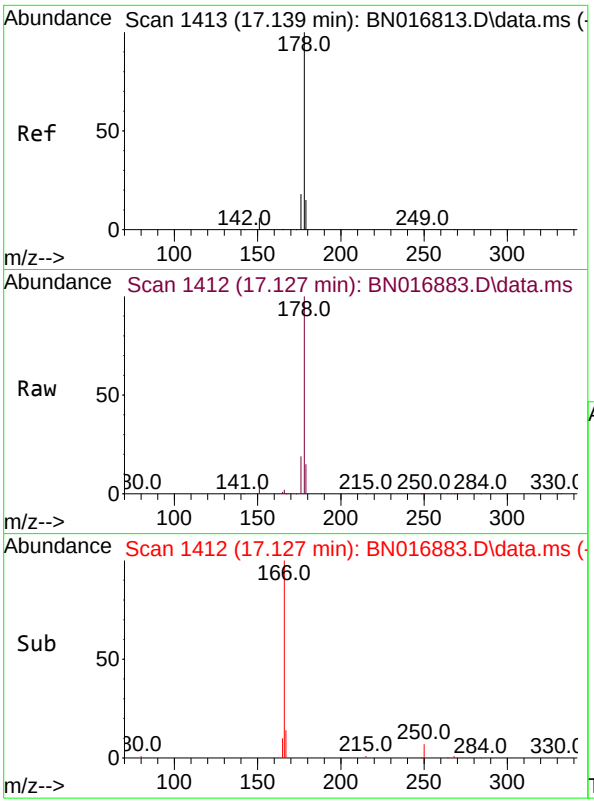


#25
Phenanthrene
Concen: 4.962 ng
RT: 17.042 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BN016883.D
Acq: 11 Oct 2021 13:41

Tgt Ion:178 Resp: 1746835

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.6
179	15.8	12.4	18.6

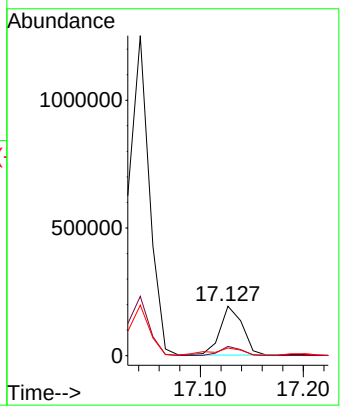




#26
Anthracene
Concen: 0.931 ng
RT: 17.127 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BN016883.D
Acq: 11 Oct 2021 13:41

Tgt Ion:178 Resp: 291164

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.5	21.7
179	21.4	12.2	18.4#



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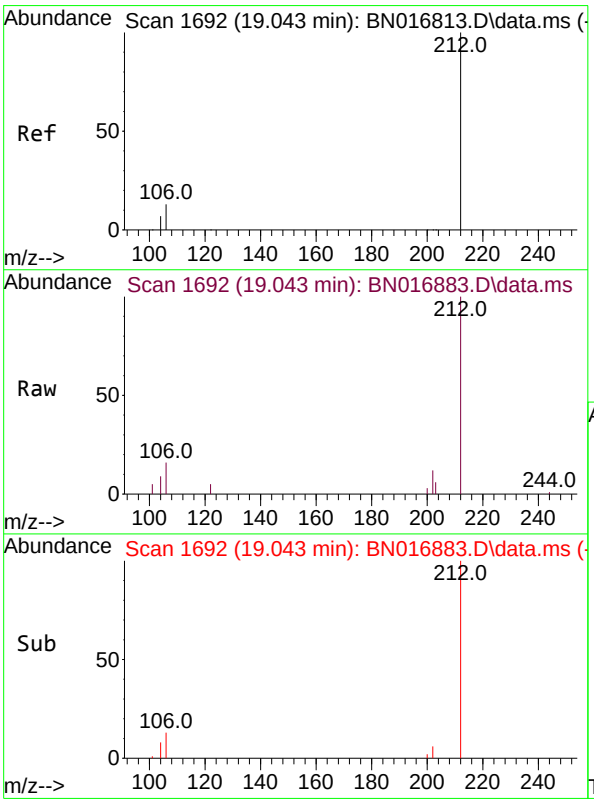
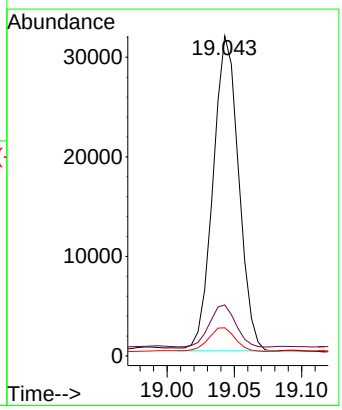


#27
Fluoranthene-d10
Concen: 0.127 ng
RT: 19.043 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BN016883.D
Acq: 11 Oct 2021 13:41

Tgt Ion:212 Resp: 41941

Ion	Ratio	Lower	Upper
212	100		
106	13.6	10.6	16.0
104	7.9	5.8	8.8



Instrument :
BNA_N
ClientSampleId :
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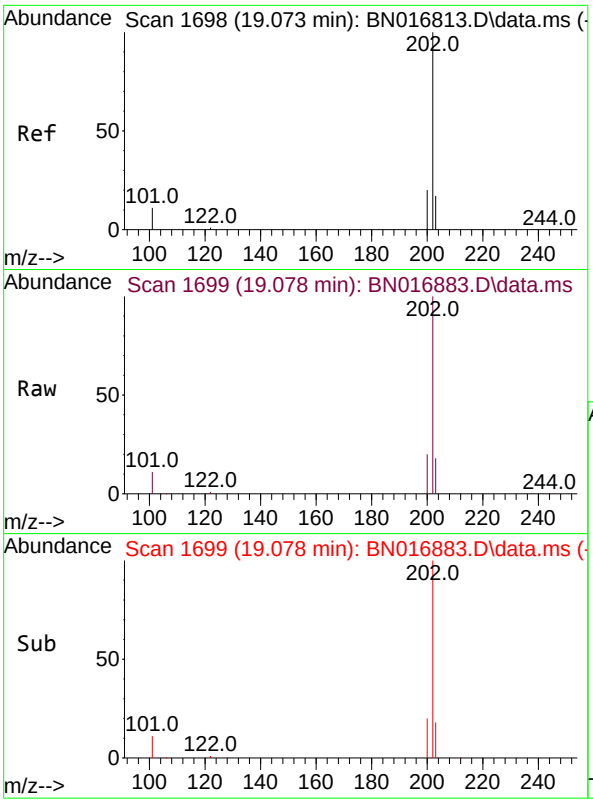
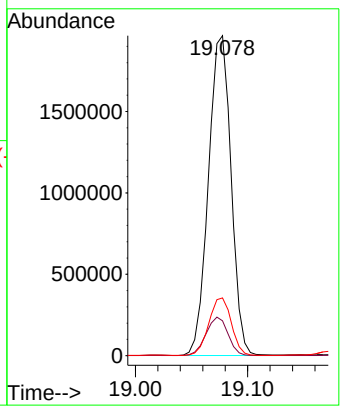
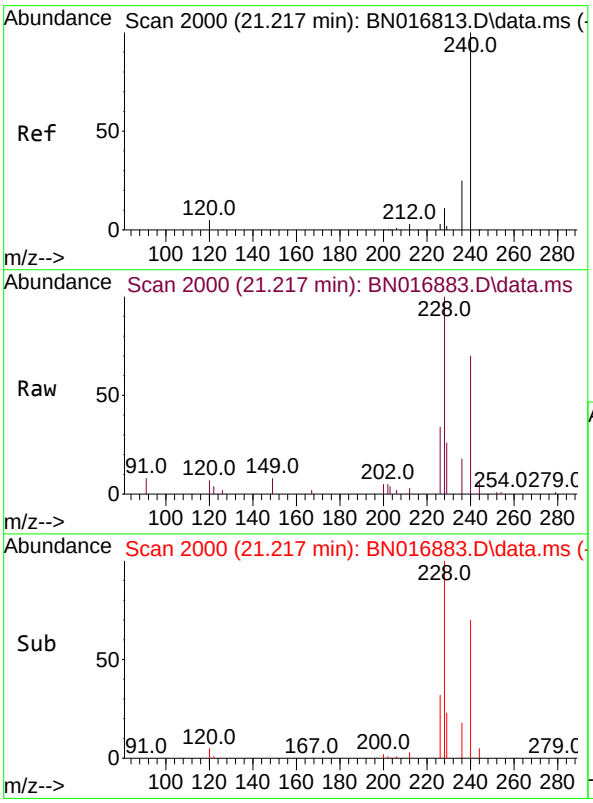


#28
Fluoranthene
Concen: 6.975 ng
RT: 19.078 min Scan# 1699
Delta R.T. 0.005 min
Lab File: BN016883.D
Acq: 11 Oct 2021 13:41

Tgt Ion:202 Resp: 2757602

Ion	Ratio	Lower	Upper
202	100		
101	11.6	8.9	13.3
203	17.8	13.8	20.8

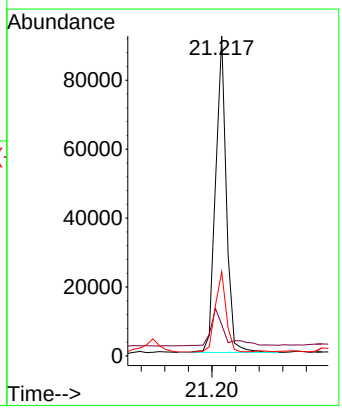


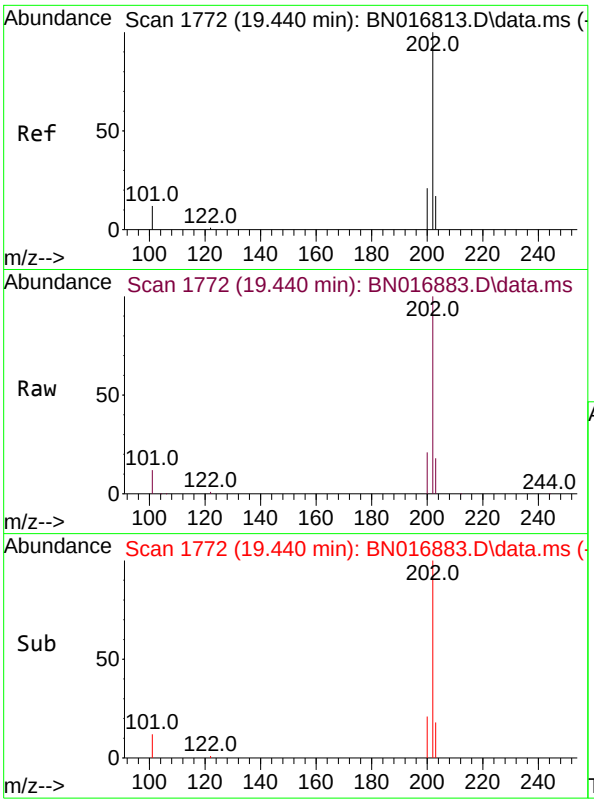


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.217 min Scan# 2000
Delta R.T. 0.011 min
Lab File: BN016883.D
Acq: 11 Oct 2021 13:41

Tgt Ion:240 Resp: 115613

Ion	Ratio	Lower	Upper
240	100		
120	9.8	6.6	10.0
236	26.3	20.7	31.1

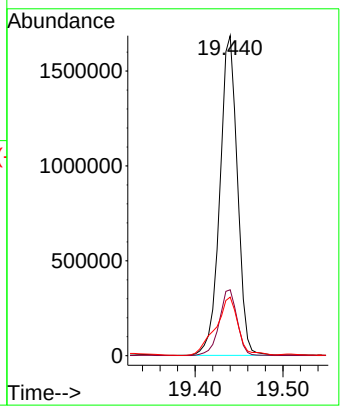


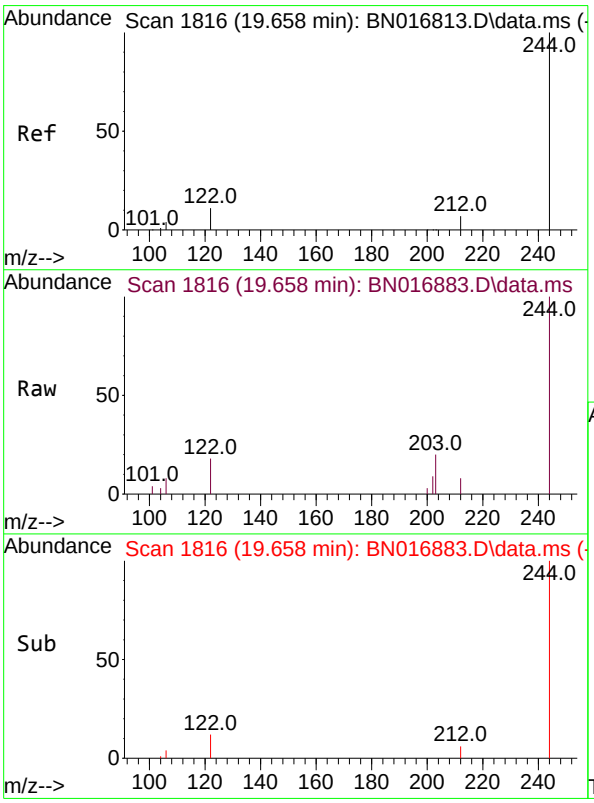


#30
Pyrene
Concen: 6.579 ng
RT: 19.440 min Scan# 1772
Delta R.T. 0.005 min
Lab File: BN016883.D
Acq: 11 Oct 2021 13:41

Tgt Ion:202 Resp: 2338835

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.5	24.7
203	23.2	13.9	20.9#

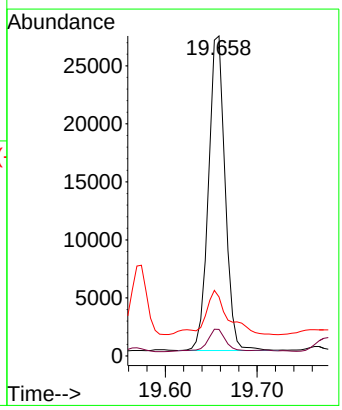




#31
Terphenyl-d14
Concen: 0.135 ng
RT: 19.658 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BN016883.D
Acq: 11 Oct 2021 13:41

Tgt Ion:244 Resp: 34101

Ion	Ratio	Lower	Upper
244	100		
212	8.3	5.8	8.6
122	18.5	8.9	13.3#



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ClientSampleId :
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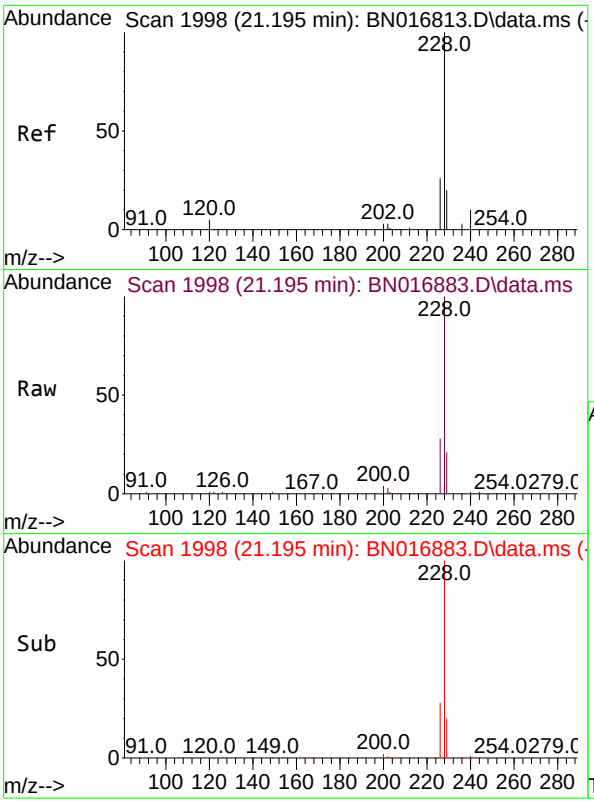
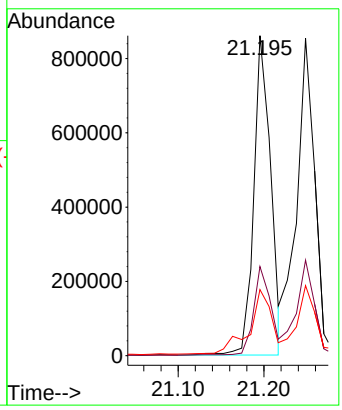
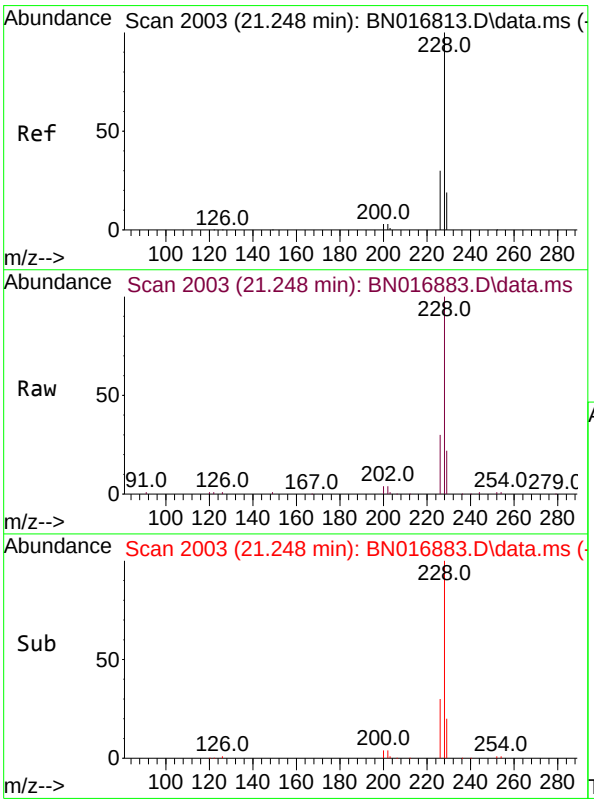


#32
Benzo(a)anthracene
Concen: 3.295 ng
RT: 21.195 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BN016883.D
Acq: 11 Oct 2021 13:41

Tgt Ion:228 Resp: 1178209

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.3	33.5
229	20.7	15.4	23.0

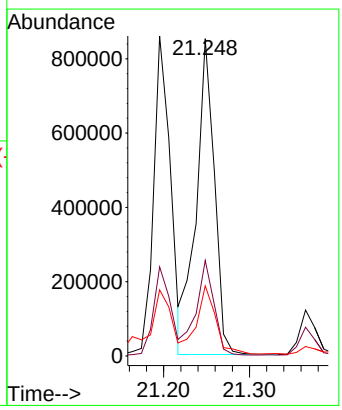




#33
Chrysene
Concen: 3.437 ng
RT: 21.248 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BN016883.D
Acq: 11 Oct 2021 13:41

Tgt Ion:228 Resp: 1251694

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.2	36.4
229	22.1	15.4	23.0



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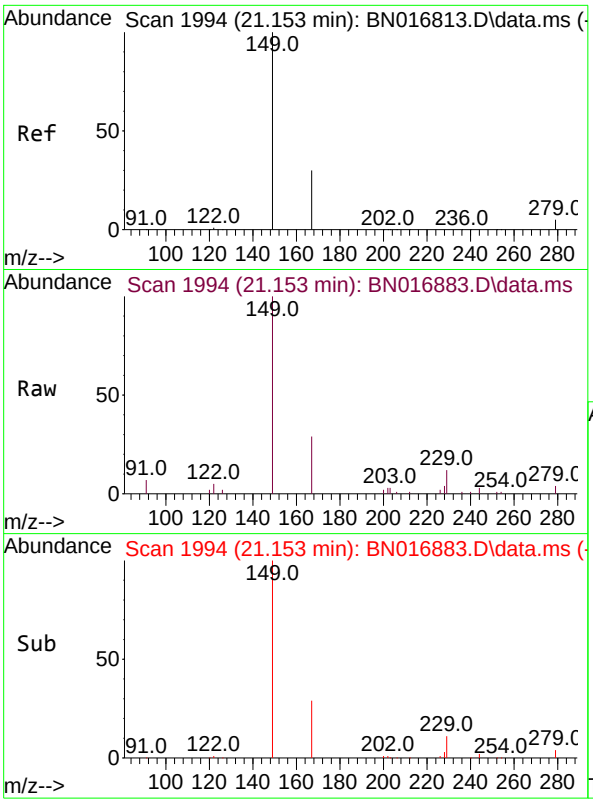
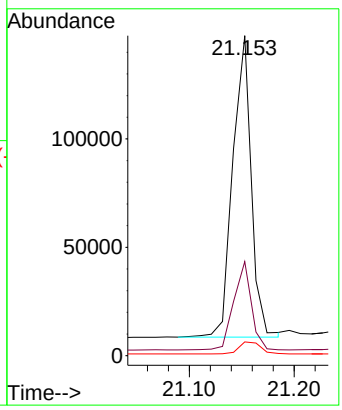
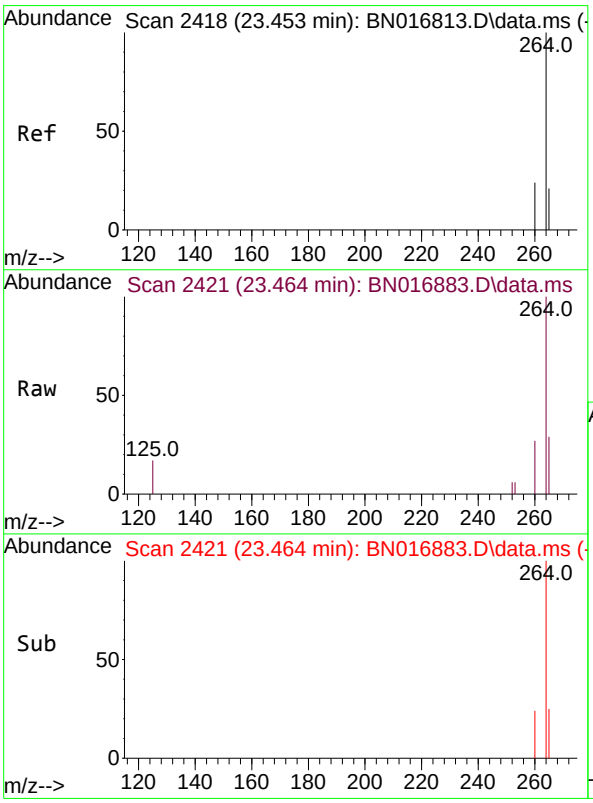


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.934 ng
RT: 21.153 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BN016883.D
Acq: 11 Oct 2021 13:41

Tgt Ion:149 Resp: 169658

Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.2	33.4
279	4.7	3.4	5.2

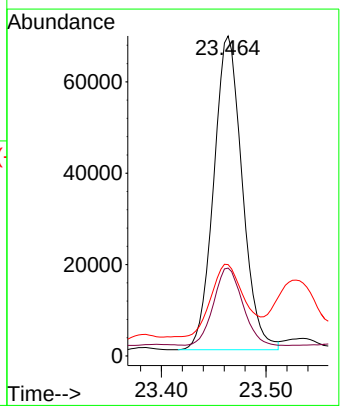




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.464 min Scan# 2421
Delta R.T. 0.010 min
Lab File: BN016883.D
Acq: 11 Oct 2021 13:41

Tgt Ion:264 Resp: 130110

Ion	Ratio	Lower	Upper
264	100		
260	27.5	19.8	29.6
265	28.5	20.3	30.5



Instrument :
BNA_N
ClientSampleId :
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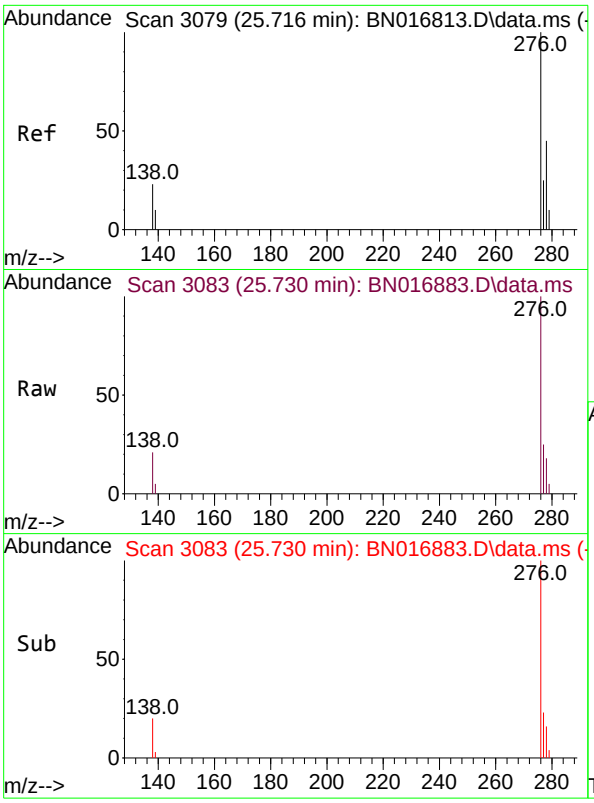
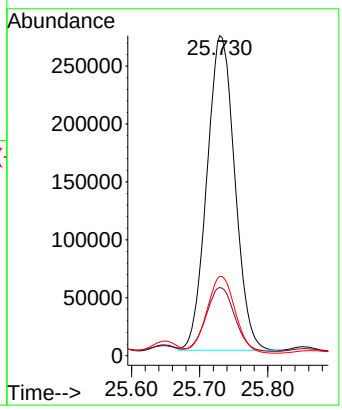
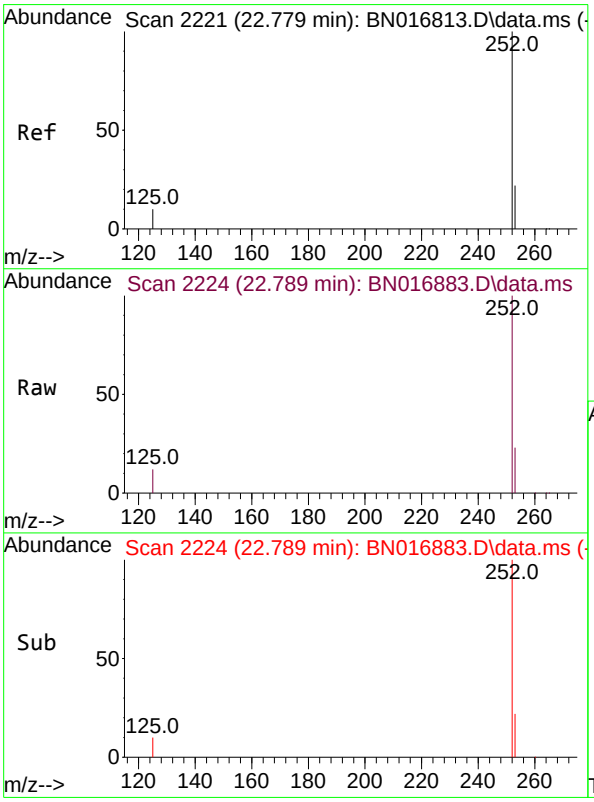


#36
Indeno(1,2,3-cd)pyrene
Concen: 1.571 ng
RT: 25.730 min Scan# 3083
Delta R.T. 0.014 min
Lab File: BN016883.D
Acq: 11 Oct 2021 13:41

Tgt Ion:276 Resp: 773896

Ion	Ratio	Lower	Upper
276	100		
138	20.9	19.2	28.8
277	24.7	20.0	30.0

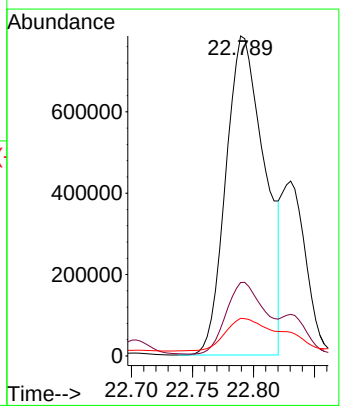




#37
Benzo(b)fluoranthene
Concen: 4.232 ng
RT: 22.789 min Scan# 2224
Delta R.T. 0.010 min
Lab File: BN016883.D
Acq: 11 Oct 2021 13:41

Tgt Ion:252 Resp: 1742939

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	11.7	8.3	12.5



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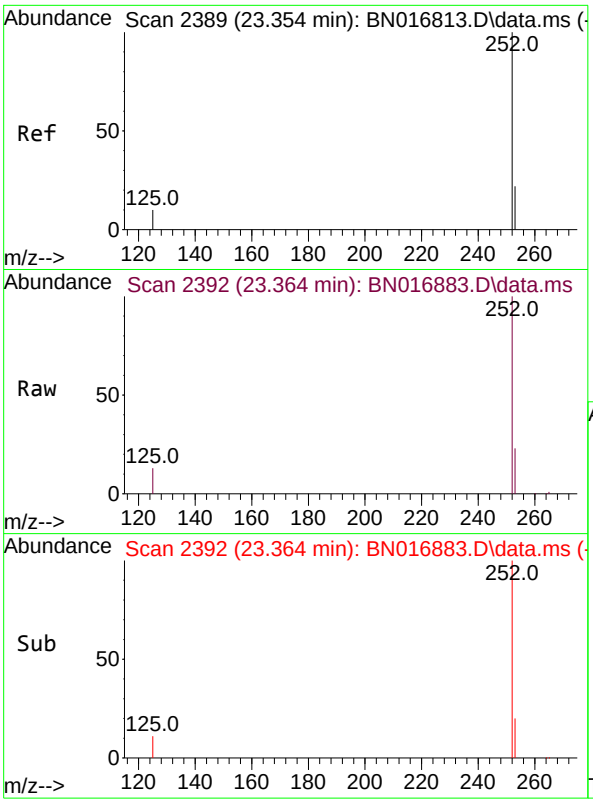
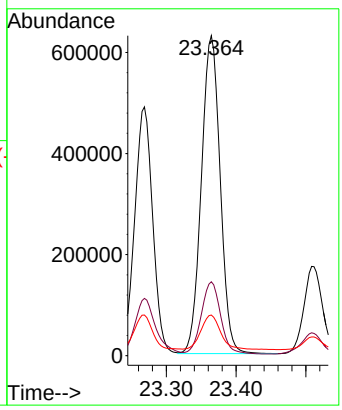
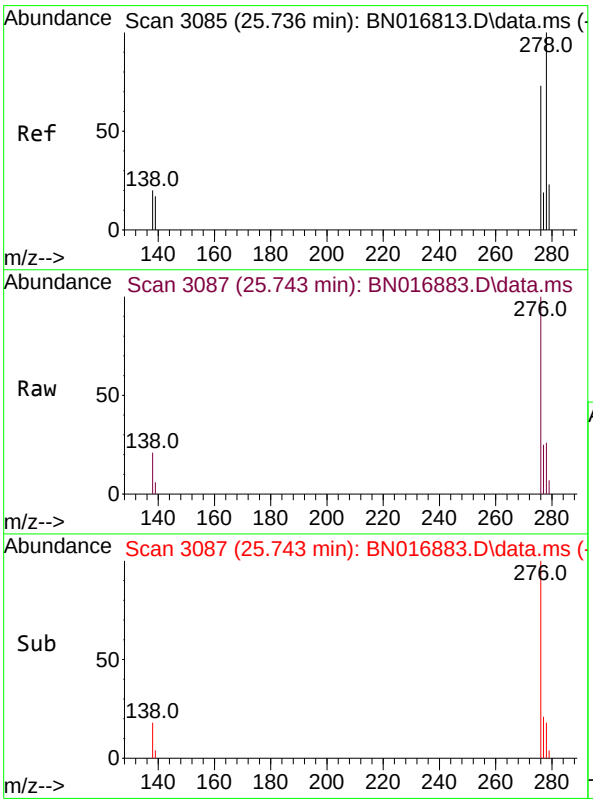


#39
Benzo(a)pyrene
Concen: 3.124 ng
RT: 23.364 min Scan# 2392
Delta R.T. 0.010 min
Lab File: BN016883.D
Acq: 11 Oct 2021 13:41

Tgt Ion:252 Resp: 1175758

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	12.7	9.4	14.2

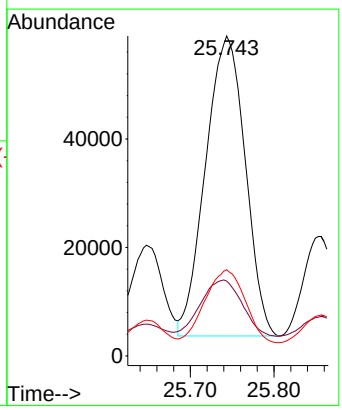


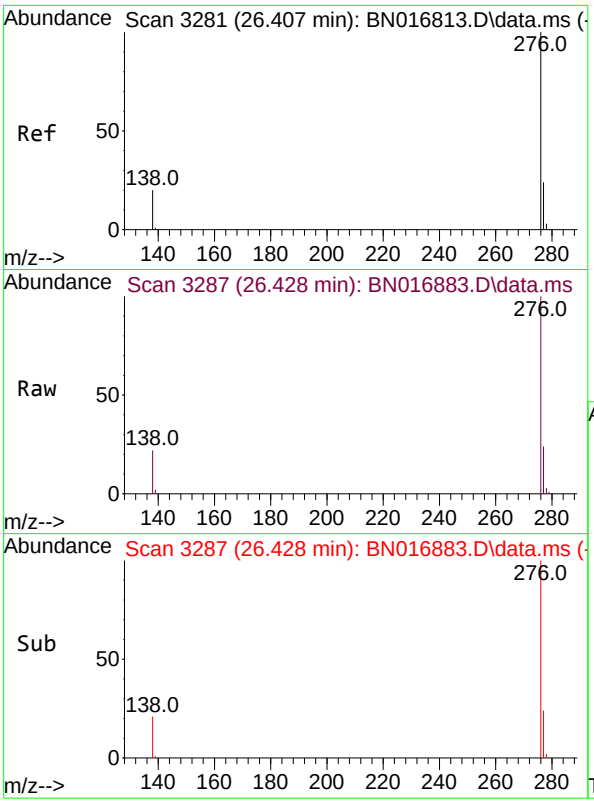


#40
Dibenzo(a,h)anthracene
Concen: 0.451 ng
RT: 25.743 min Scan# 3087
Delta R.T. 0.004 min
Lab File: BN016883.D
Acq: 11 Oct 2021 13:41

Tgt Ion:278 Resp: 181801

Ion	Ratio	Lower	Upper
278	100		
139	23.4	13.1	19.7#
279	26.9	19.3	28.9

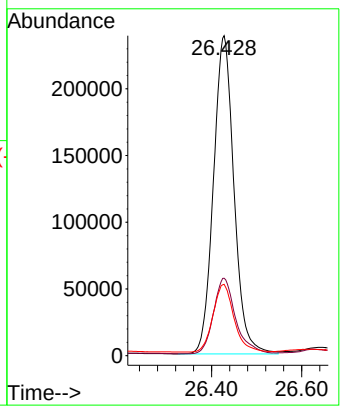




#41
Benzo(g,h,i)perylene
Concen: 1.763 ng
RT: 26.428 min Scan# 3287
Delta R.T. 0.021 min
Lab File: BN016883.D
Acq: 11 Oct 2021 13:41

Tgt Ion:276 Resp: 755297

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.0	28.4
138	22.3	17.0	25.6



Instrument :
BNA_N
ClientSampleId :
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