Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112820\
Data File : BN012756.D
Acq On : 27 Nov 2020 17:47
Operator : CG/JU
Sample : PB133253BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB133253BSD

Quant Time: Nov 27 23:22:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN110420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 27 15:36:21 2020
Response via : Initial Calibration

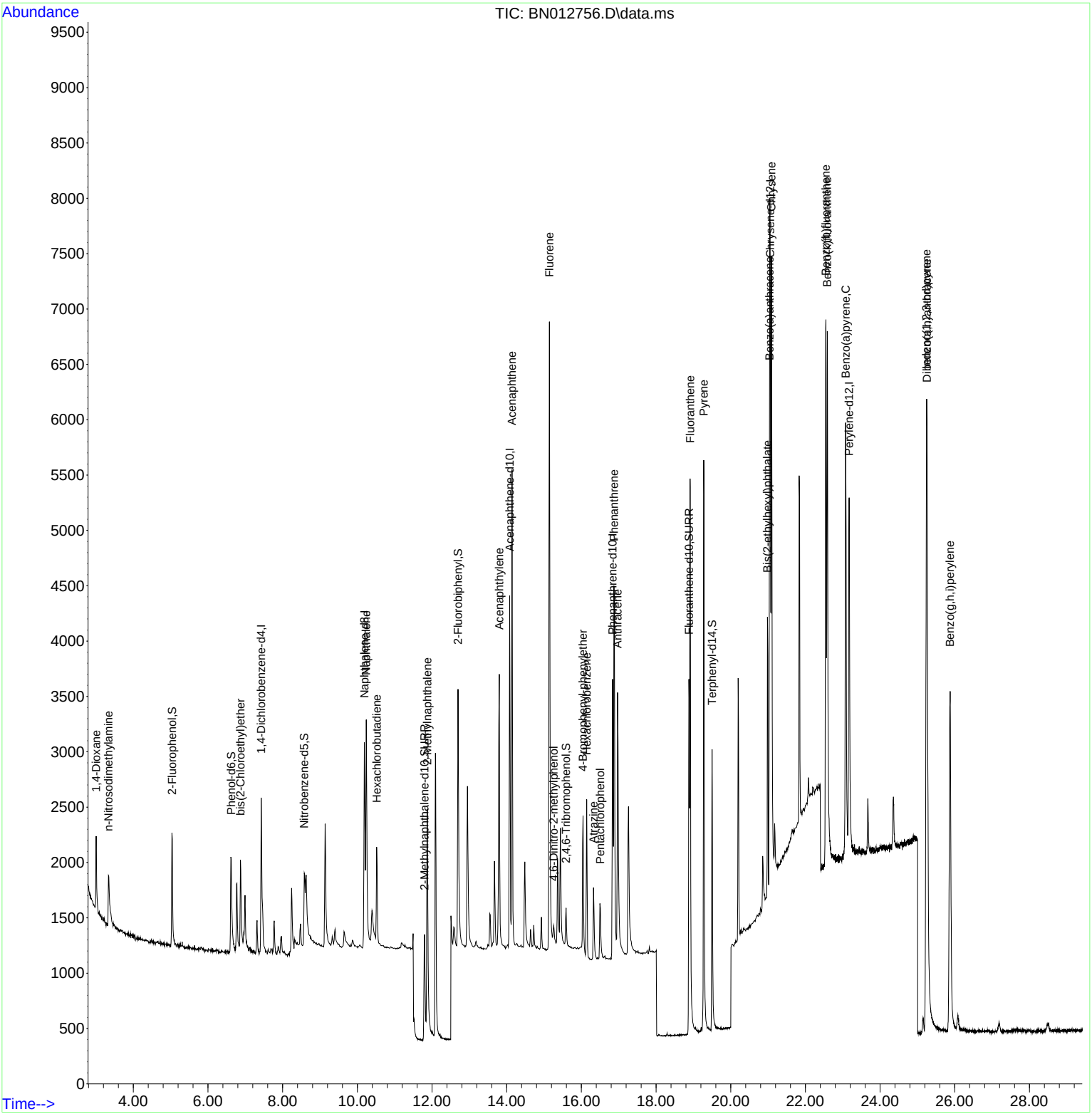
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.426	152	777	0.40	ng		0.00
7) Naphthalene-d8	10.188	136	3045	0.40	ng		# 0.00
13) Acenaphthene-d10	14.080	164	1868	0.40	ng		0.00
19) Phenanthrene-d10	16.836	188	4108	0.40	ng		# 0.00
29) Chrysene-d12	21.059	240	4285	0.40	ng		# 0.00
36) Perylene-d12	23.167	264	4682	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.043	112	892	0.33	ng		0.00
5) Phenol-d6	6.621	99	1045	0.33	ng		0.00
8) Nitrobenzene-d5	8.578	82	986	0.27	ng		0.00
11) 2-Methylnaphthalene-d10	11.799	152	1912	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.589	330	327	0.24	ng		0.00
15) 2-Fluorobiphenyl	12.697	172	2781	0.38	ng		0.00
27) Fluoranthene-d10	18.880	212	4512	0.35	ng		0.00
31) Terphenyl-d14	19.501	244	3382	0.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.005	88	636	0.52	ng	#	84
3) n-Nitrosodimethylamine	3.335	42	616	0.19	ng	#	92
6) bis(2-Chloroethyl)ether	6.871	93	666	0.31	ng	#	83
9) Naphthalene	10.239	128	3167	0.37	ng		98
10) Hexachlorobutadiene	10.517	225	748	0.40	ng	#	97
12) 2-Methylnaphthalene	11.875	142	2148	0.39	ng		98
16) Acenaphthylene	13.800	152	3157	0.34	ng		99
17) Acenaphthene	14.143	154	2176	0.37	ng		92
18) Fluorene	15.145	166	2798	0.37	ng		99
20) 4,6-Dinitro-2-methylph...	15.259	198	218	0.22	ng	#	9
21) 4-Bromophenyl-phenylether	16.045	248	653	0.27	ng		94
22) Hexachlorobenzene	16.142	284	1078	0.35	ng		99
23) Atrazine	16.325	200	730	0.30	ng	#	93
24) Pentachlorophenol	16.508	266	368	0.25	ng		94
25) Phenanthrene	16.873	178	4467	0.37	ng		99
26) Anthracene	16.970	178	3556	0.32	ng		99
28) Fluoranthene	18.915	202	5319	0.37	ng		99
30) Pyrene	19.278	202	5419	0.38	ng		100
32) Benzo(a)anthracene	21.037	228	4725	0.35	ng		100
33) Chrysene	21.090	228	5568	0.39	ng		98
34) Bis(2-ethylhexyl)phtha...	20.984	149	2505	0.27	ng		98
35) Indeno(1,2,3-cd)pyrene	25.245	276	7832	0.36	ng		99
37) Benzo(b)fluoranthene	22.548	252	5906	0.40	ng	#	90
38) Benzo(k)fluoranthene	22.585	252	6857	0.43	ng	#	92
39) Benzo(a)pyrene	23.078	252	5911	0.40	ng	#	80
40) Dibenzo(a,h)anthracene	25.255	278	6427	0.39	ng	#	94
41) Benzo(g,h,i)perylene	25.875	276	6787	0.40	ng	#	95

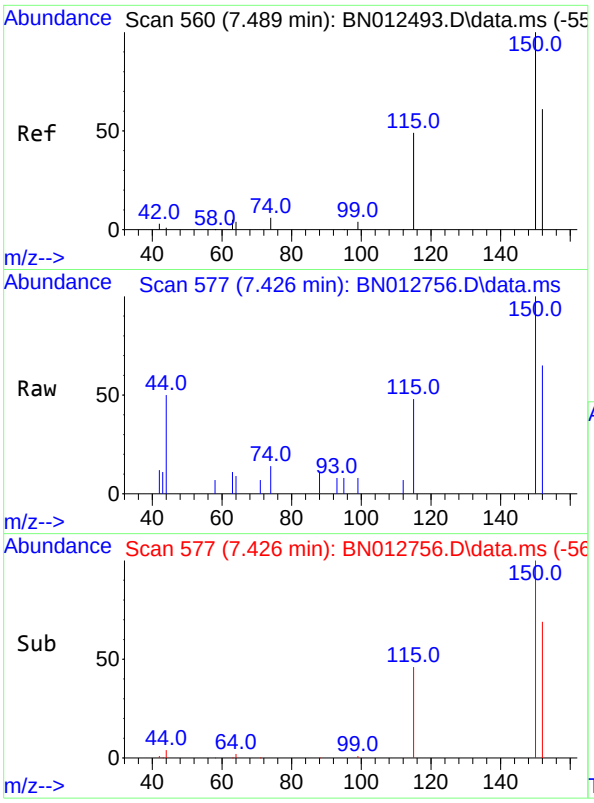
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112820\
Data File : BN012756.D
Acq On : 27 Nov 2020 17:47
Operator : CG/JU
Sample : PB133253BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB133253BSD

Quant Time: Nov 27 23:22:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN110420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 27 15:36:21 2020
Response via : Initial Calibration

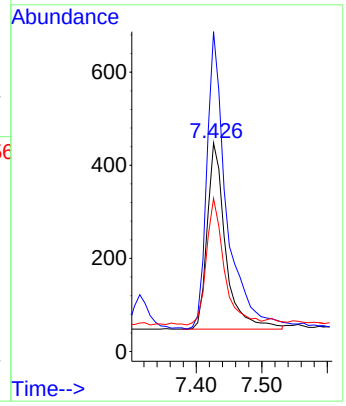




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.426 min Scan# 577
Delta R.T. 0.001 min
Lab File: BN012756.D
Acq: 27 Nov 2020 17:47

Tgt Ion:152 Resp: 777

Ion	Ratio	Lower	Upper
152	100		
150	153.3	116.6	174.8
115	73.4	52.9	79.3



Instrument :
BNA_N
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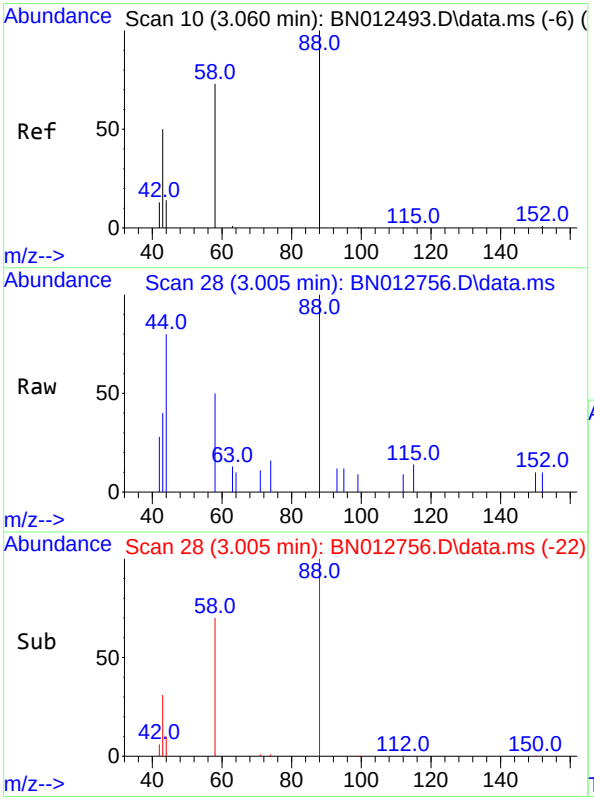
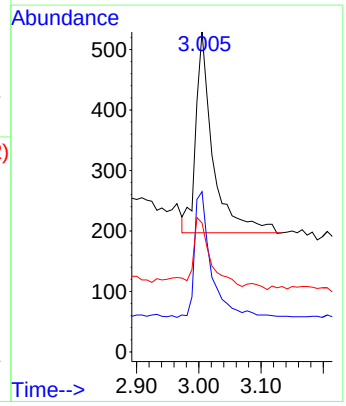
PB133253BSD



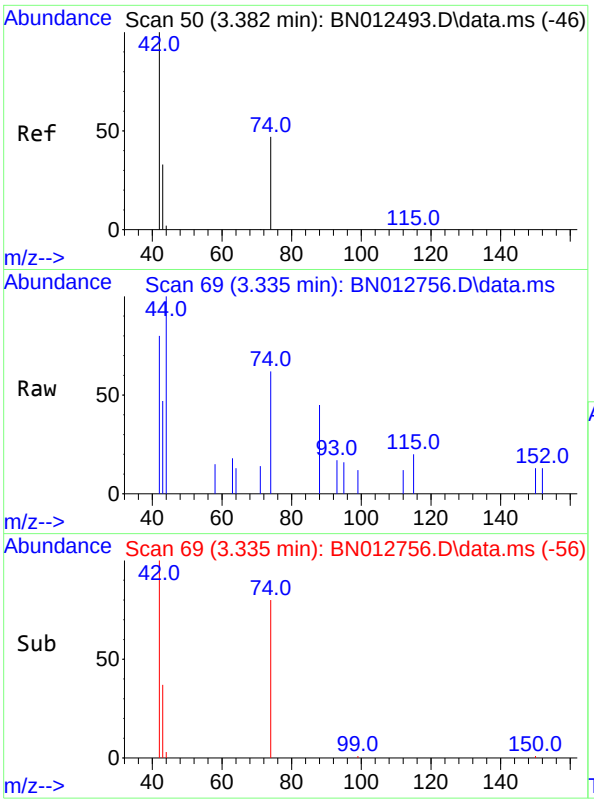
#2
1,4-Dioxane
Concen: 0.52 ng
RT: 3.005 min Scan# 28
Delta R.T. 0.001 min
Lab File: BN012756.D
Acq: 27 Nov 2020 17:47

Tgt Ion: 88 Resp: 636

Ion	Ratio	Lower	Upper
88	100		
58	59.6	59.4	89.2
43	31.8	32.3	48.5#



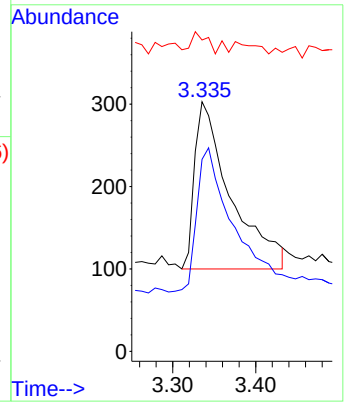
Instrument :
BNA_N
ClientSampleId :
PB133253BSD

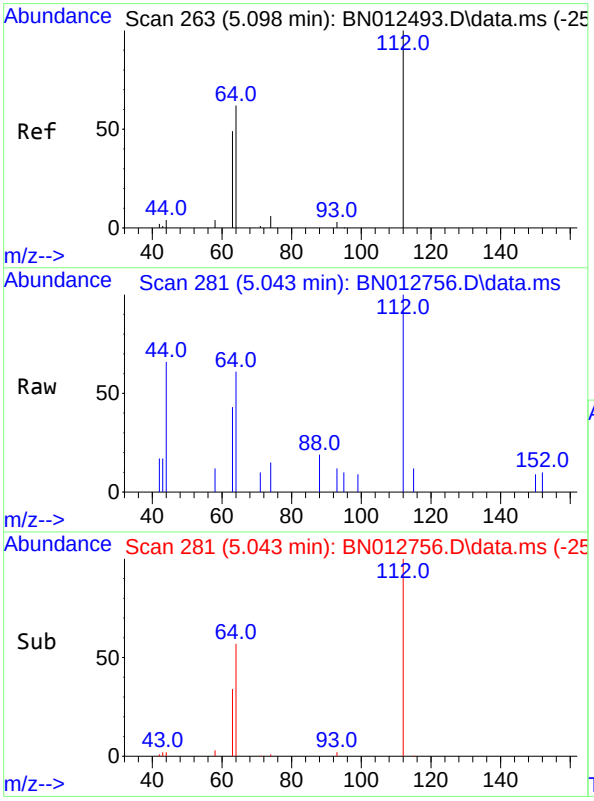


#3
n-Nitrosodimethylamine
Concen: 0.19 ng
RT: 3.335 min Scan# 69
Delta R.T. 0.001 min
Lab File: BN012756.D
Acq: 27 Nov 2020 17:47

Tgt Ion: 42 Resp: 616

Ion	Ratio	Lower	Upper
42	100		
74	88.0	64.4	96.6
44	5.5	2.8	4.2#

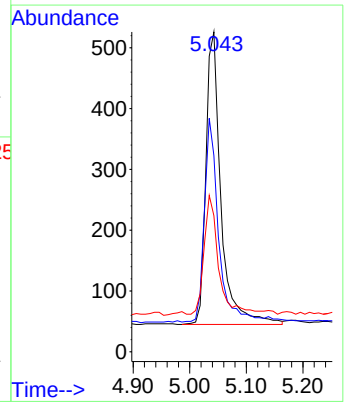




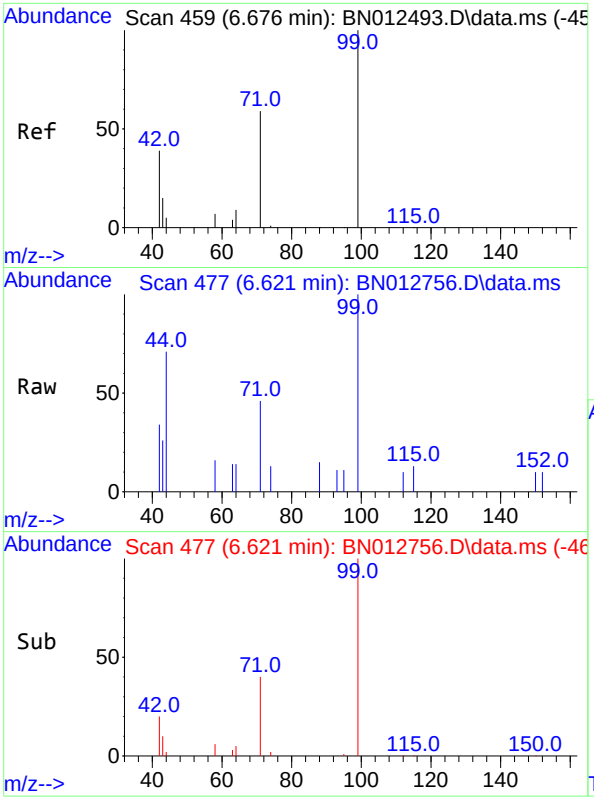
#4
2-Fluorophenol
Concen: 0.33 ng
RT: 5.043 min Scan# 281
Delta R.T. 0.001 min
Lab File: BN012756.D
Acq: 27 Nov 2020 17:47

Tgt Ion:112 Resp: 892

Ion	Ratio	Lower	Upper
112	100		
64	65.0	49.5	74.3
63	38.5	32.0	48.0



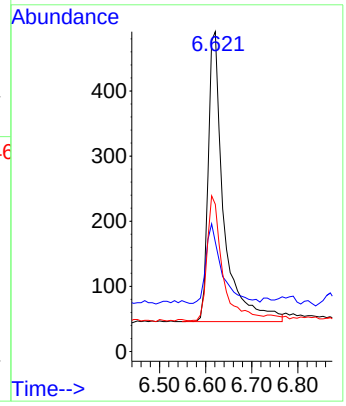
Instrument :
BNA_N
ClientSampleId :
PB133253BSD

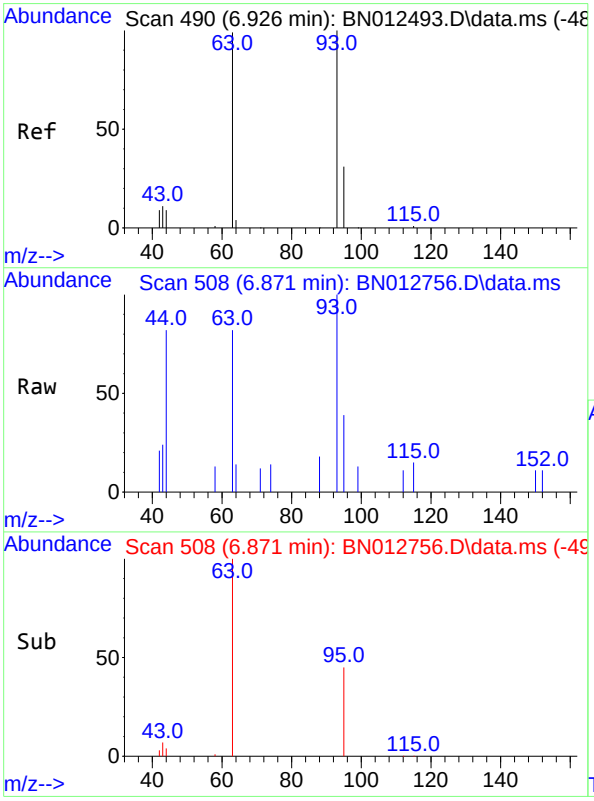


#5
Phenol-d6
Concen: 0.33 ng
RT: 6.621 min Scan# 477
Delta R.T. 0.001 min
Lab File: BN012756.D
Acq: 27 Nov 2020 17:47

Tgt Ion: 99 Resp: 1045

Ion	Ratio	Lower	Upper
99	100		
42	27.8	22.4	33.6
71	43.2	37.8	56.6

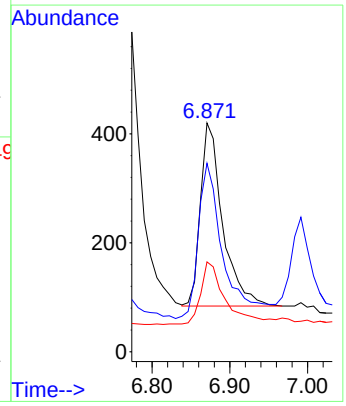




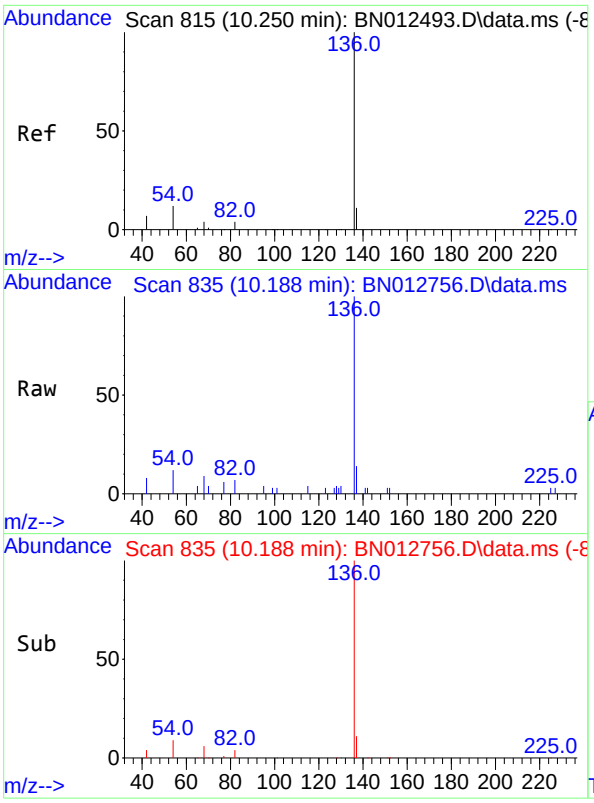
#6
bis(2-Chloroethyl)ether
Concen: 0.31 ng
RT: 6.871 min Scan# 508
Delta R.T. -0.007 min
Lab File: BN012756.D
Acq: 27 Nov 2020 17:47

Tgt Ion: 93 Resp: 666

Ion	Ratio	Lower	Upper
93	100		
63	95.8	63.1	94.7#
95	38.7	26.1	39.1



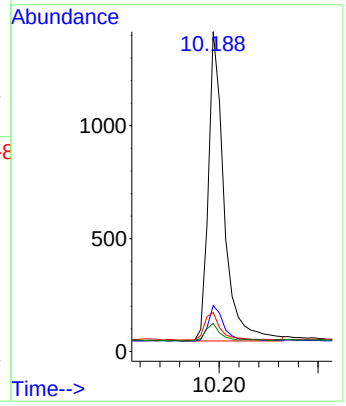
Instrument :
BNA_N
ClientSampleId :
PB133253BSD

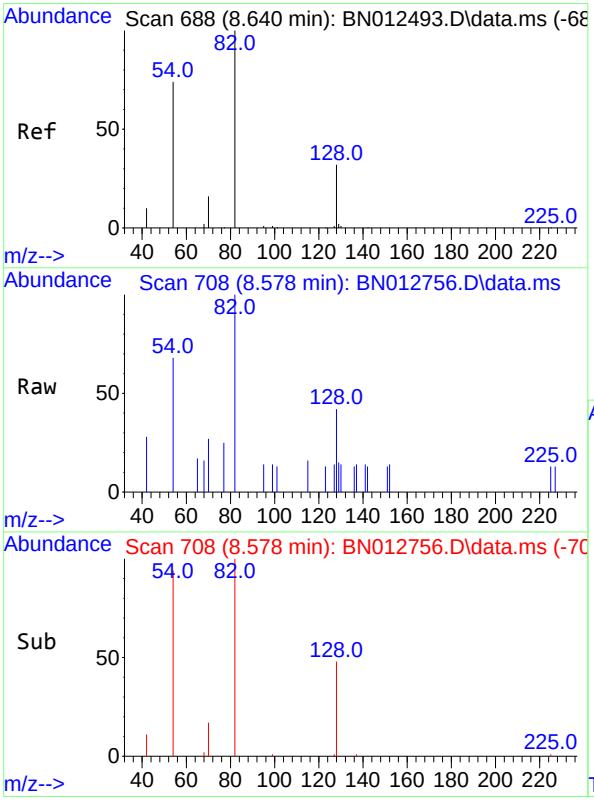


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.188 min Scan# 835
Delta R.T. 0.001 min
Lab File: BN012756.D
Acq: 27 Nov 2020 17:47

Tgt Ion:136 Resp: 3045

Ion	Ratio	Lower	Upper
136	100		
137	14.4	10.6	15.8
54	12.2	8.6	12.8
68	8.8	5.7	8.5#

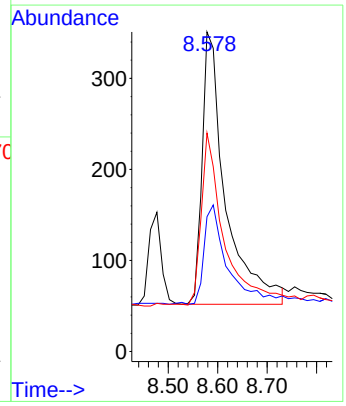




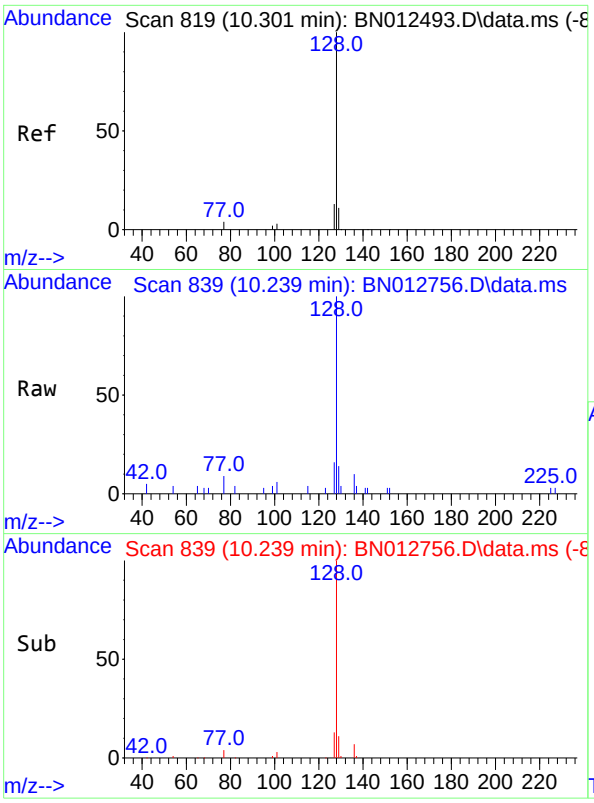
#8
Nitrobenzene-d5
Concen: 0.27 ng
RT: 8.578 min Scan# 708
Delta R.T. 0.001 min
Lab File: BN012756.D
Acq: 27 Nov 2020 17:47

Tgt Ion: 82 Resp: 986

Ion	Ratio	Lower	Upper
82	100		
128	42.2	30.6	46.0
54	68.4	48.3	72.5



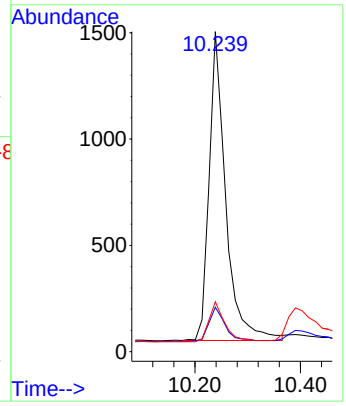
Instrument :
BNA_N
ClientSampleId :
PB133253BSD

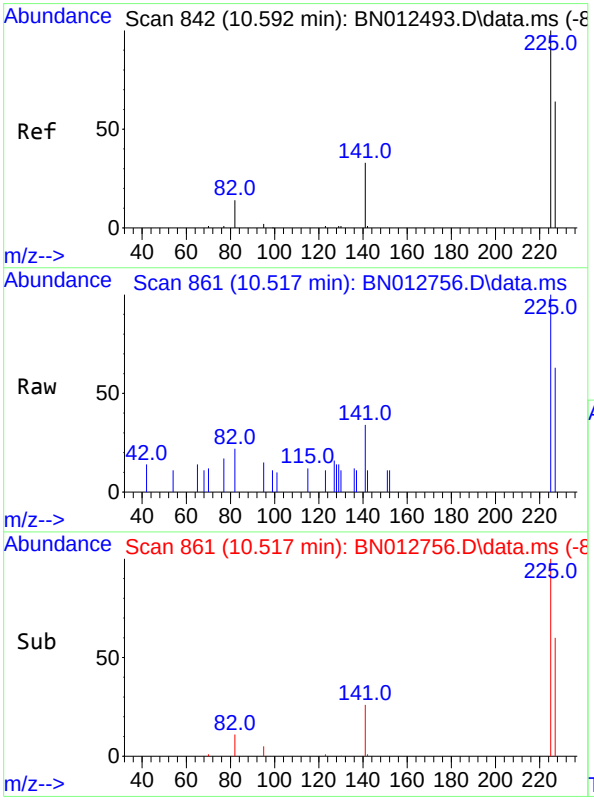


#9
Naphthalene
Concen: 0.37 ng
RT: 10.239 min Scan# 839
Delta R.T. 0.001 min
Lab File: BN012756.D
Acq: 27 Nov 2020 17:47

Tgt Ion:128 Resp: 3167

Ion	Ratio	Lower	Upper
128	100		
129	13.9	9.8	14.8
127	15.6	12.2	18.4

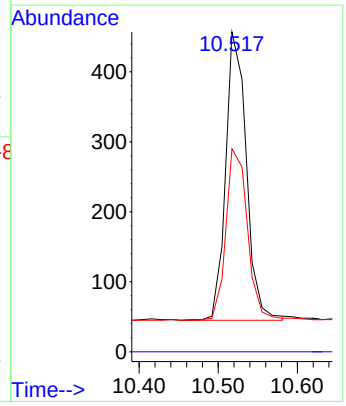


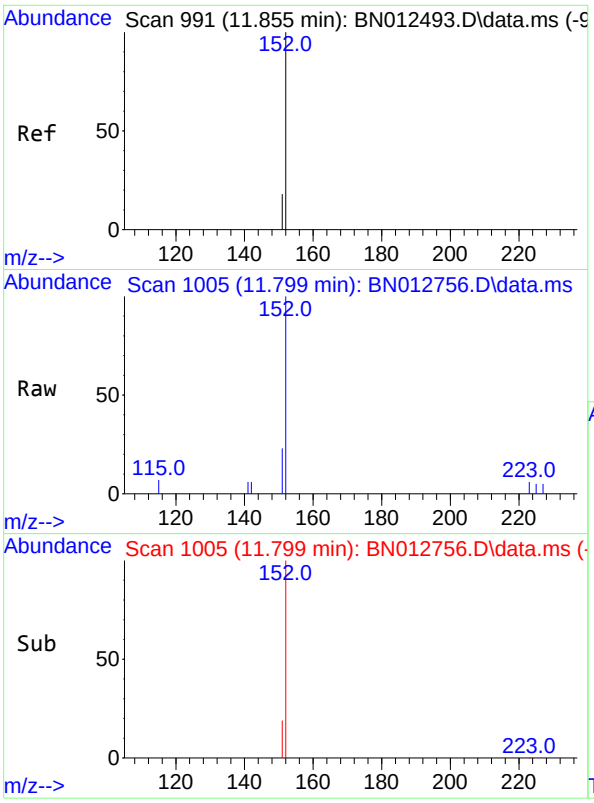


#10
Hexachlorobutadiene
Concen: 0.40 ng
RT: 10.517 min Scan# 861
Delta R.T. -0.011 min
Lab File: BN012756.D
Acq: 27 Nov 2020 17:47

Tgt Ion:225 Resp: 748

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	61.8	51.0	76.6

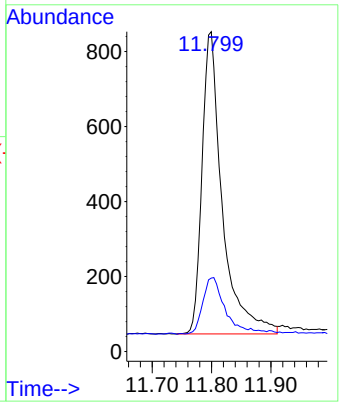




#11
2-Methylnaphthalene-d10
Concen: 0.39 ng
RT: 11.799 min Scan# 1005
Delta R.T. 0.002 min
Lab File: BN012756.D
Acq: 27 Nov 2020 17:47

Tgt Ion:152 Resp: 1912

Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.7	25.1



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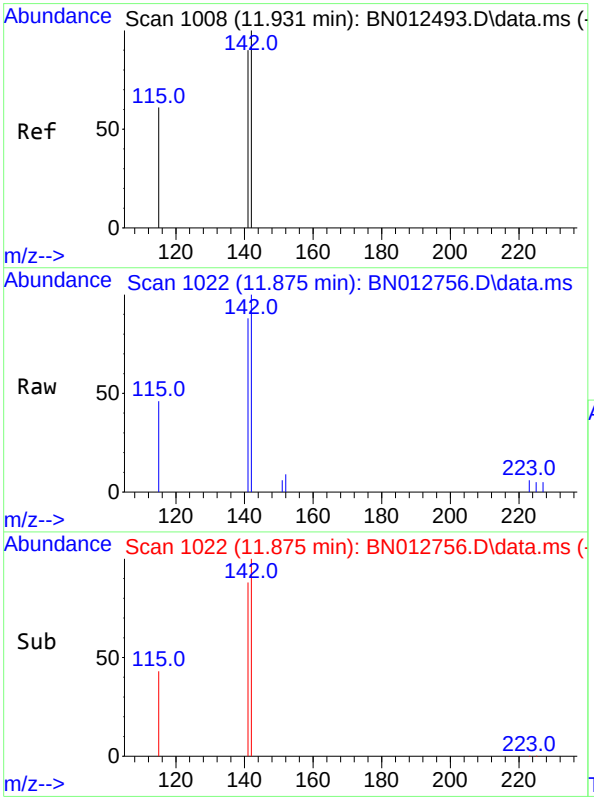
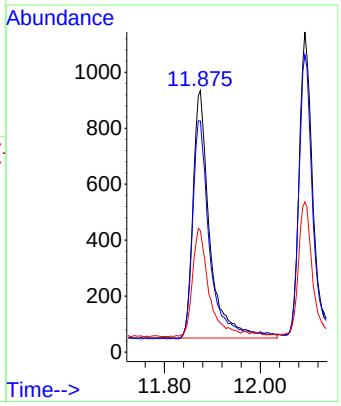


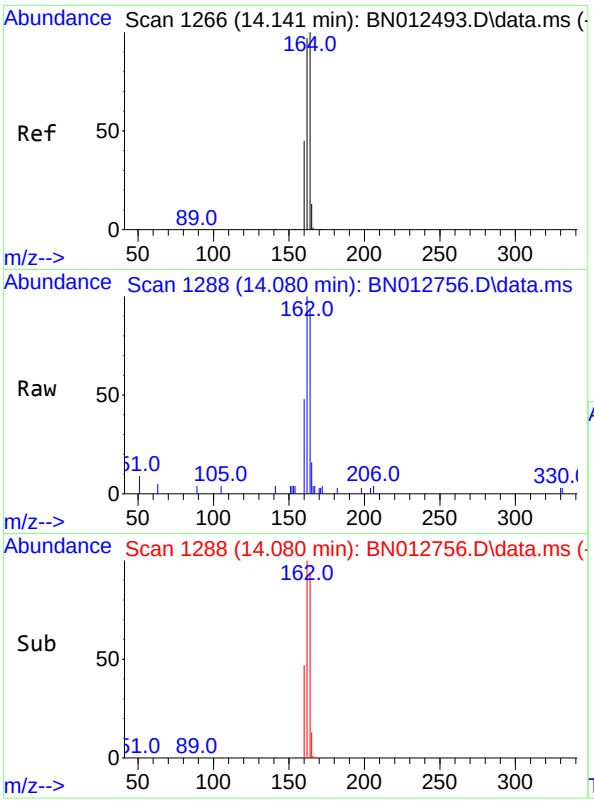
#12
2-Methylnaphthalene
Concen: 0.39 ng
RT: 11.875 min Scan# 1022
Delta R.T. 0.002 min
Lab File: BN012756.D
Acq: 27 Nov 2020 17:47

Tgt Ion:142 Resp: 2148

Ion	Ratio	Lower	Upper
142	100		
141	88.3	69.4	104.2
115	46.4	35.7	53.5



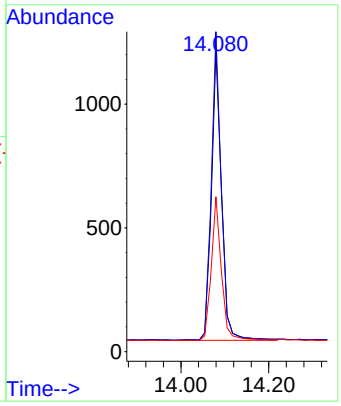
Instrument :
BNA_N
ClientSampleId :
PB133253BSD

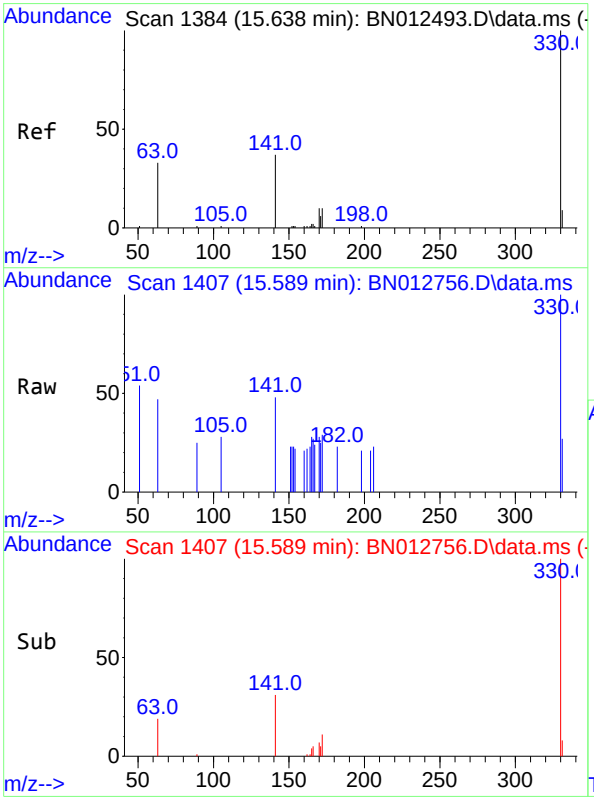


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.080 min Scan# 1288
Delta R.T. 0.002 min
Lab File: BN012756.D
Acq: 27 Nov 2020 17:47

Tgt Ion:164 Resp: 1868

Ion	Ratio	Lower	Upper
164	100		
162	106.4	80.6	120.8
160	51.5	39.5	59.3

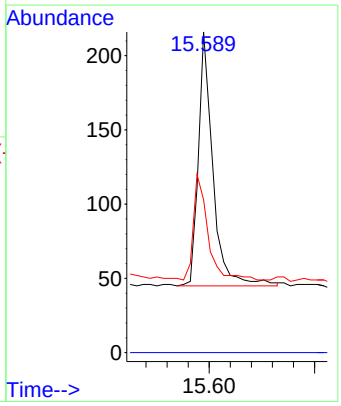




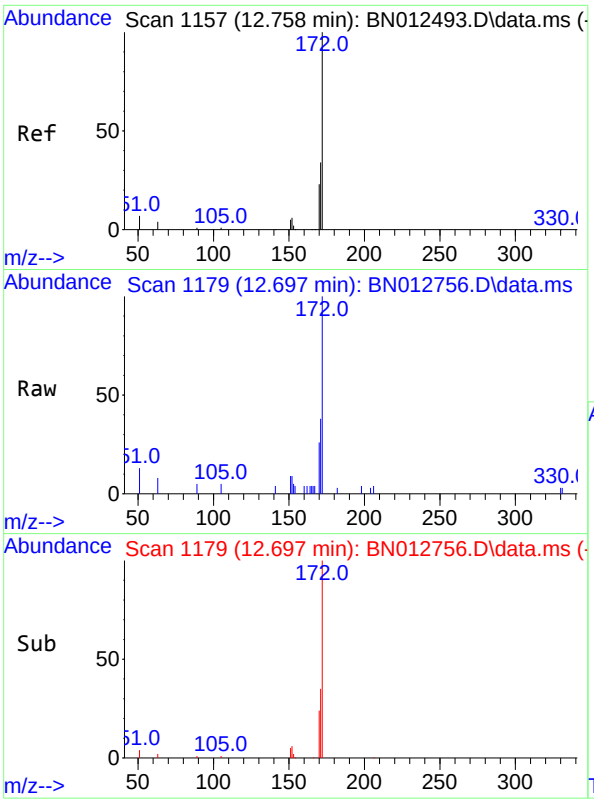
#14
2,4,6-Tribromophenol
Concen: 0.24 ng
RT: 15.589 min Scan# 1407
Delta R.T. 0.002 min
Lab File: BN012756.D
Acq: 27 Nov 2020 17:47

Tgt Ion:330 Resp: 327

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	41.3	34.4	51.6



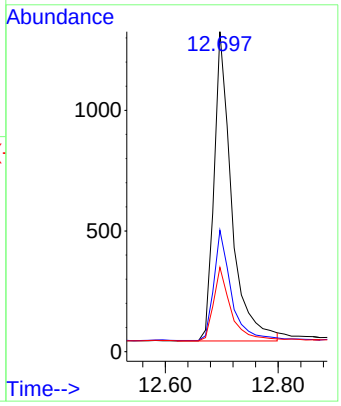
Instrument :
BNA_N
ClientSampleId :
PB133253BSD

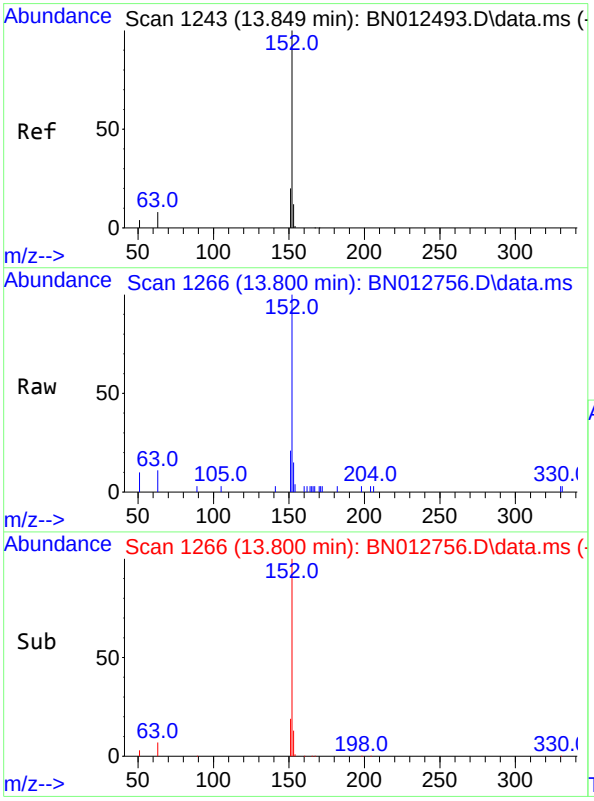


#15
2-Fluorobiphenyl
Concen: 0.38 ng
RT: 12.697 min Scan# 1179
Delta R.T. 0.002 min
Lab File: BN012756.D
Acq: 27 Nov 2020 17:47

Tgt Ion:172 Resp: 2781

Ion	Ratio	Lower	Upper
172	100		
171	37.9	28.2	42.4
170	26.3	20.0	30.0

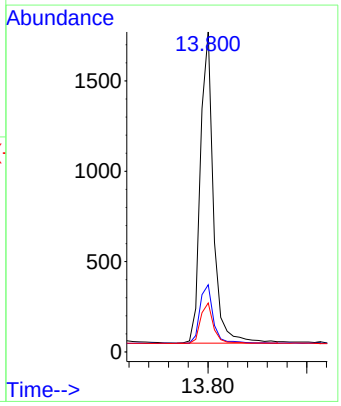




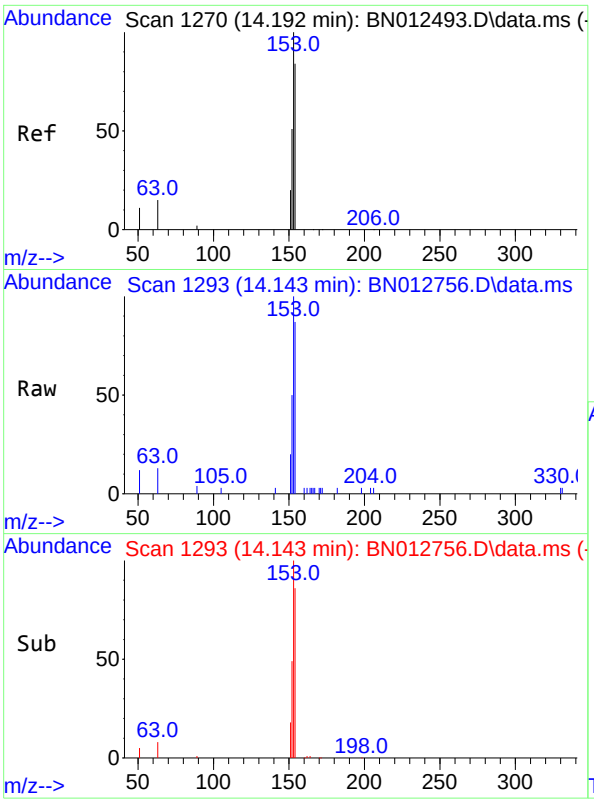
#16
Acenaphthylene
Concen: 0.34 ng
RT: 13.800 min Scan# 1266
Delta R.T. 0.002 min
Lab File: BN012756.D
Acq: 27 Nov 2020 17:47

Tgt Ion:152 Resp: 3157

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.8	23.8
153	13.2	10.6	16.0



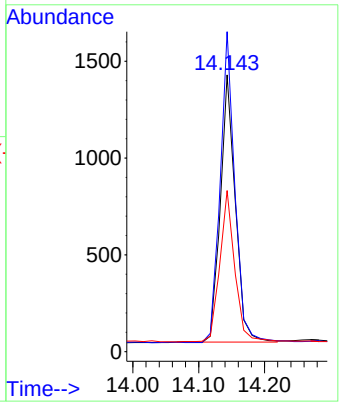
Instrument :
BNA_N
ClientSampleId :
PB133253BSD

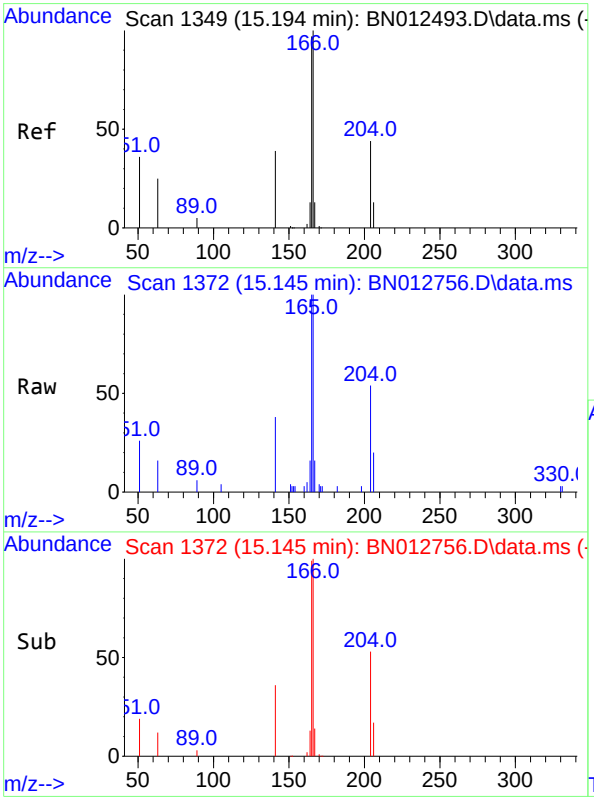


#17
Acenaphthene
Concen: 0.37 ng
RT: 14.143 min Scan# 1293
Delta R.T. 0.002 min
Lab File: BN012756.D
Acq: 27 Nov 2020 17:47

Tgt Ion:154 Resp: 2176

Ion	Ratio	Lower	Upper
154	100		
153	114.5	83.6	125.4
152	57.4	43.9	65.9

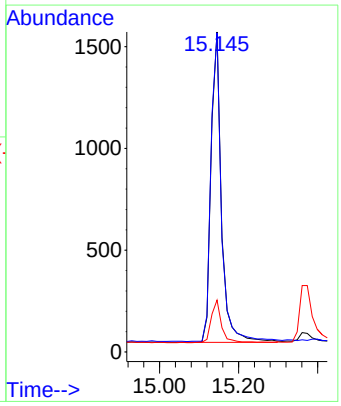




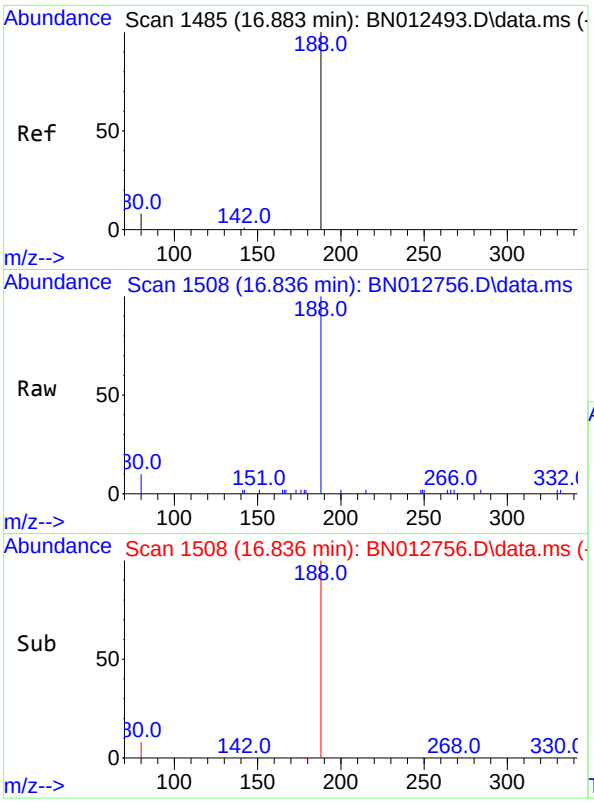
#18
Fluorene
Concen: 0.37 ng
RT: 15.145 min Scan# 1372
Delta R.T. 0.002 min
Lab File: BN012756.D
Acq: 27 Nov 2020 17:47

Tgt Ion:166 Resp: 2798

Ion	Ratio	Lower	Upper
166	100		
165	99.7	78.6	118.0
167	13.7	10.7	16.1



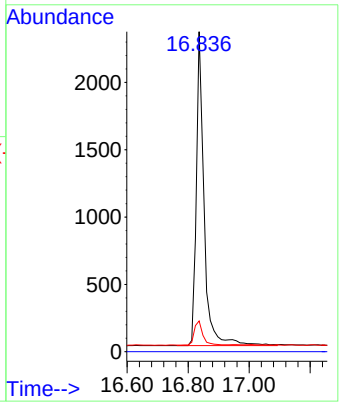
Instrument :
BNA_N
ClientSampleId :
PB133253BSD

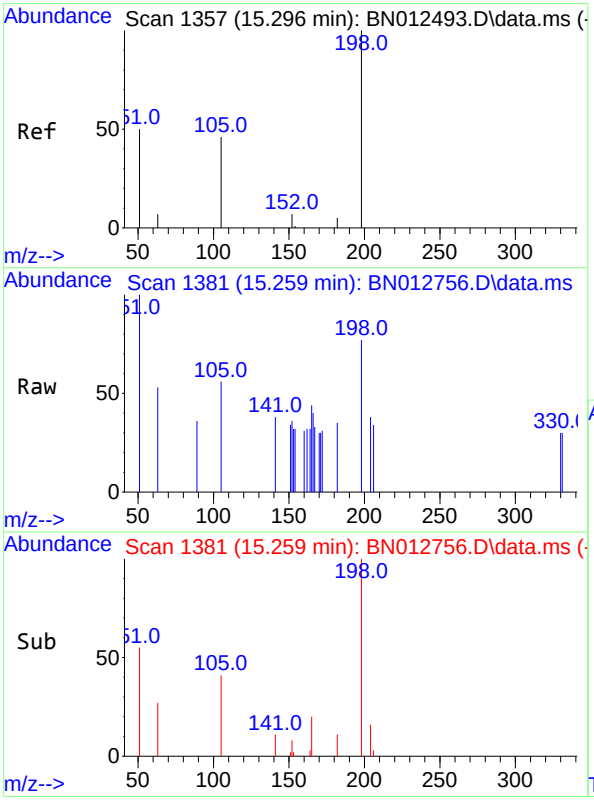


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.836 min Scan# 1508
Delta R.T. 0.002 min
Lab File: BN012756.D
Acq: 27 Nov 2020 17:47

Tgt Ion:188 Resp: 4108

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.6	5.0	7.4#

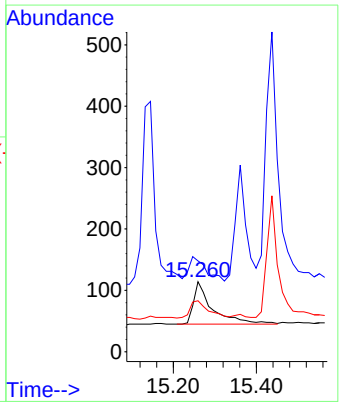




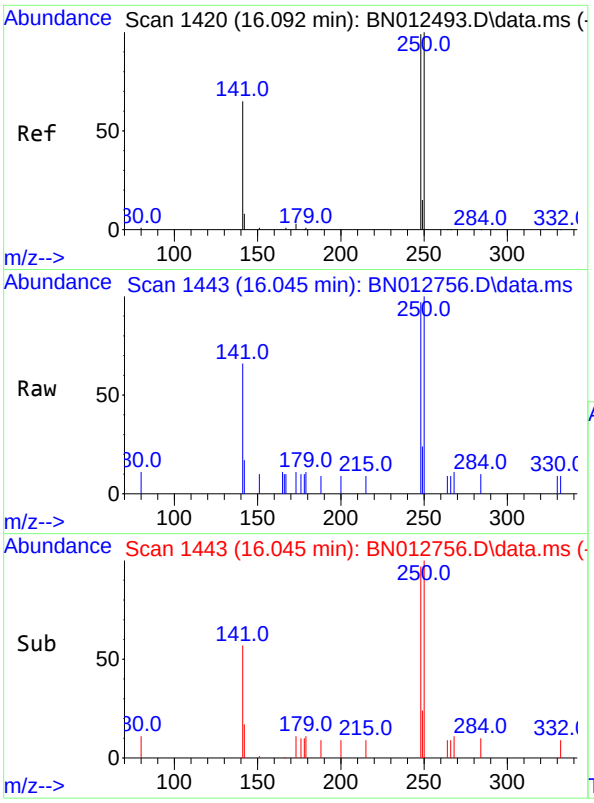
#20
4,6-Dinitro-2-methylphenol
Concen: 0.22 ng
RT: 15.259 min Scan# 1381
Delta R.T. 0.002 min
Lab File: BN012756.D
Acq: 27 Nov 2020 17:47

Tgt Ion:198 Resp: 218

Ion	Ratio	Lower	Upper
198	100		
51	129.8	43.5	65.3#
105	72.8	27.2	40.8#



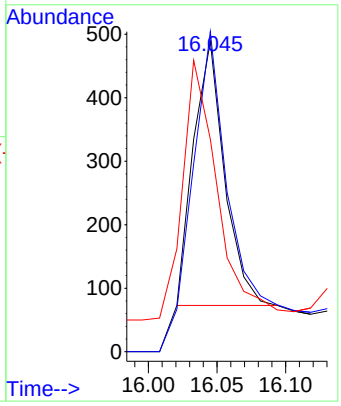
Instrument :
BNA_N
ClientSampleId :
PB133253BSD

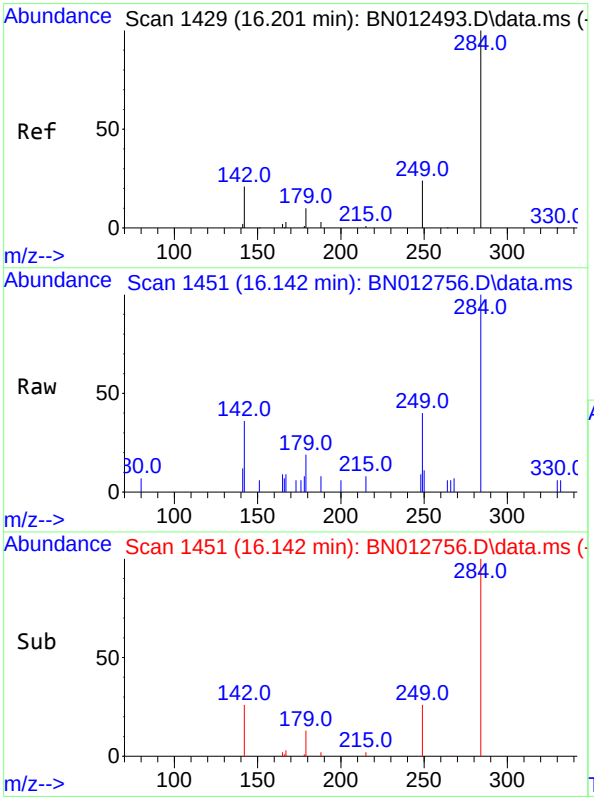


#21
4-Bromophenyl-phenylether
Concen: 0.27 ng
RT: 16.045 min Scan# 1443
Delta R.T. 0.002 min
Lab File: BN012756.D
Acq: 27 Nov 2020 17:47

Tgt Ion:248 Resp: 653

Ion	Ratio	Lower	Upper
248	100		
250	103.1	77.3	115.9
141	68.5	57.8	86.8

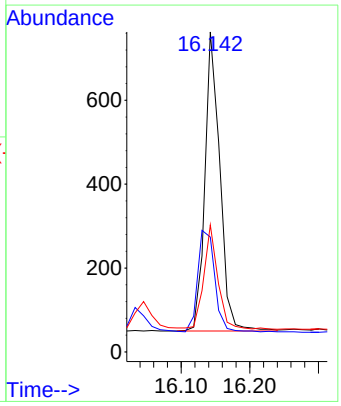




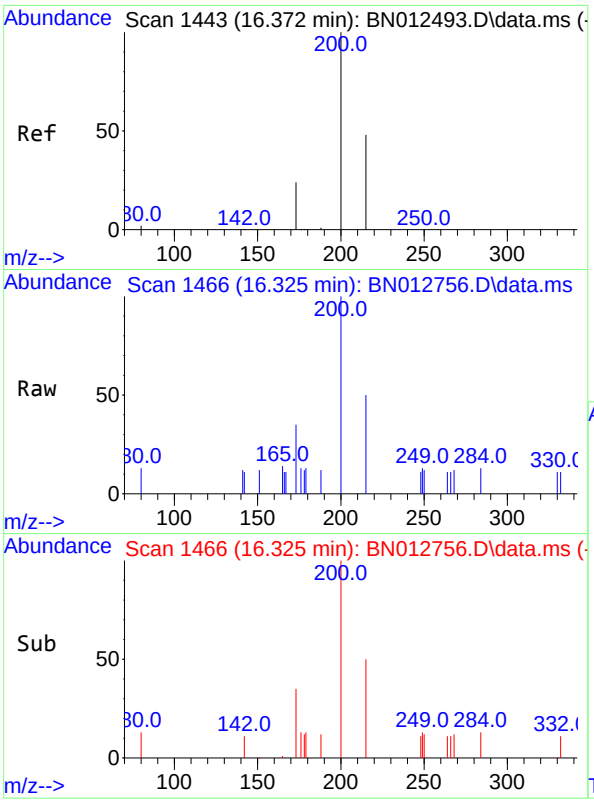
#22
Hexachlorobenzene
Concen: 0.35 ng
RT: 16.142 min Scan# 1451
Delta R.T. 0.002 min
Lab File: BN012756.D
Acq: 27 Nov 2020 17:47

Tgt Ion:284 Resp: 1078

Ion	Ratio	Lower	Upper
284	100		
142	39.7	32.0	48.0
249	32.9	27.0	40.6



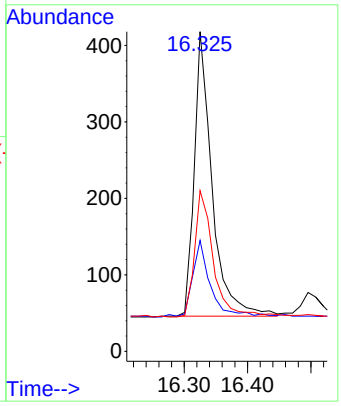
Instrument :
BNA_N
ClientSampleId :
PB133253BSD

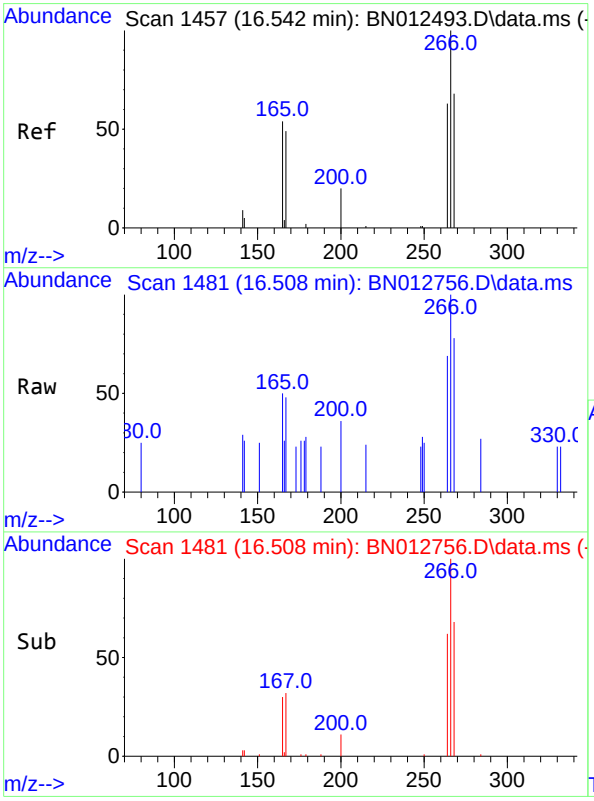


#23
Atrazine
Concen: 0.30 ng
RT: 16.325 min Scan# 1466
Delta R.T. 0.002 min
Lab File: BN012756.D
Acq: 27 Nov 2020 17:47

Tgt Ion:200 Resp: 730

Ion	Ratio	Lower	Upper
200	100		
173	34.7	22.8	34.2#
215	50.2	38.1	57.1

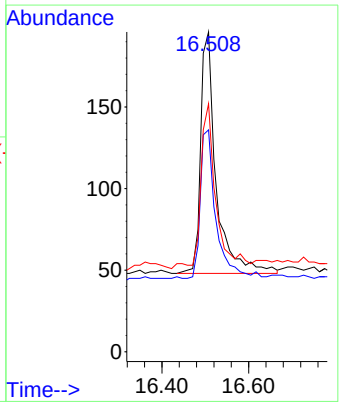




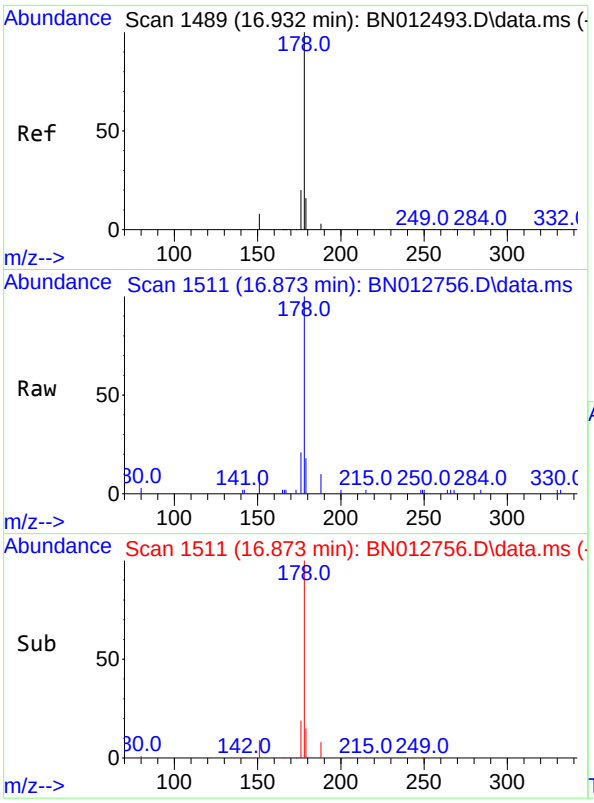
#24
Pentachlorophenol
Concen: 0.25 ng
RT: 16.508 min Scan# 1481
Delta R.T. 0.002 min
Lab File: BN012756.D
Acq: 27 Nov 2020 17:47

Tgt Ion:266 Resp: 368

Ion	Ratio	Lower	Upper
266	100		
264	61.7	50.9	76.3
268	57.6	51.5	77.3



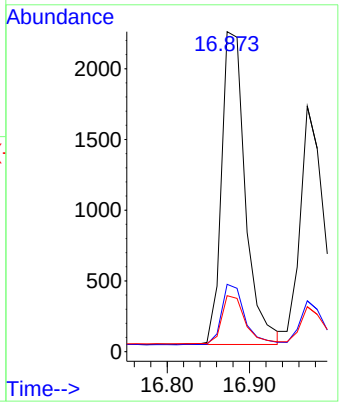
Instrument :
BNA_N
ClientSampleId :
PB133253BSD

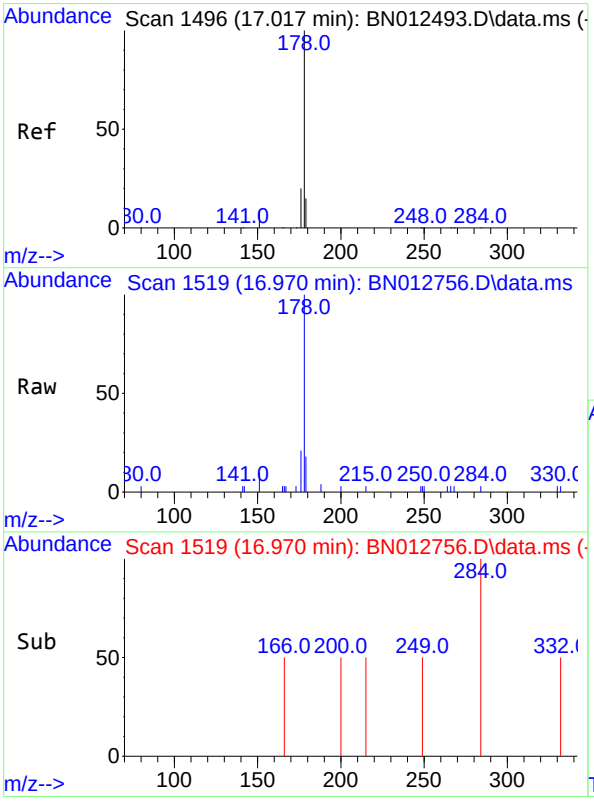


#25
Phenanthrene
Concen: 0.37 ng
RT: 16.873 min Scan# 1511
Delta R.T. -0.010 min
Lab File: BN012756.D
Acq: 27 Nov 2020 17:47

Tgt Ion:178 Resp: 4467

Ion	Ratio	Lower	Upper
178	100		
176	19.4	14.8	22.2
179	15.2	12.4	18.6

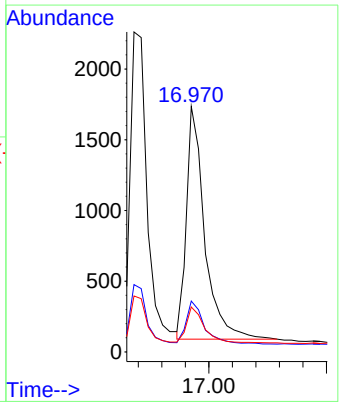




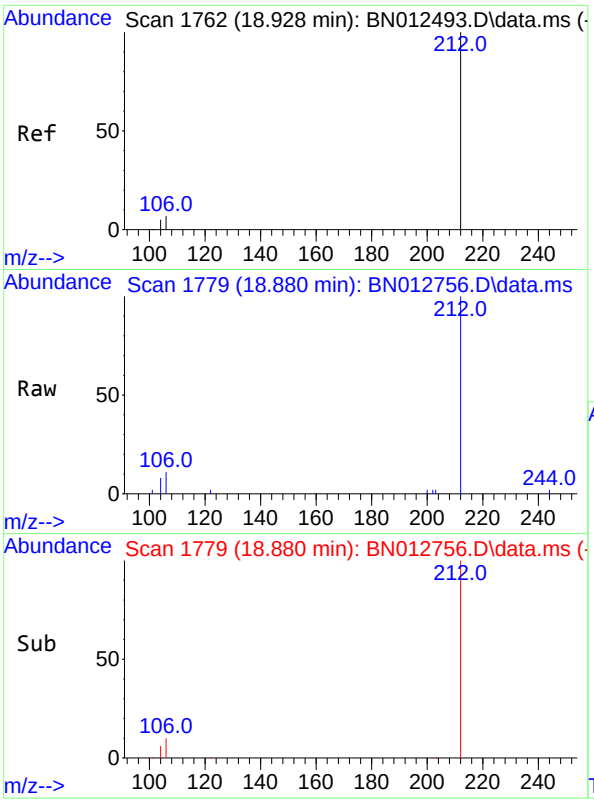
#26
Anthracene
Concen: 0.32 ng
RT: 16.970 min Scan# 1519
Delta R.T. 0.002 min
Lab File: BN012756.D
Acq: 27 Nov 2020 17:47

Tgt Ion:178 Resp: 3556

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.8	22.2
179	14.8	12.5	18.7



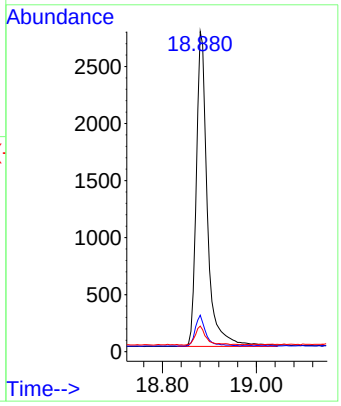
Instrument :
BNA_N
ClientSampleId :
PB133253BSD

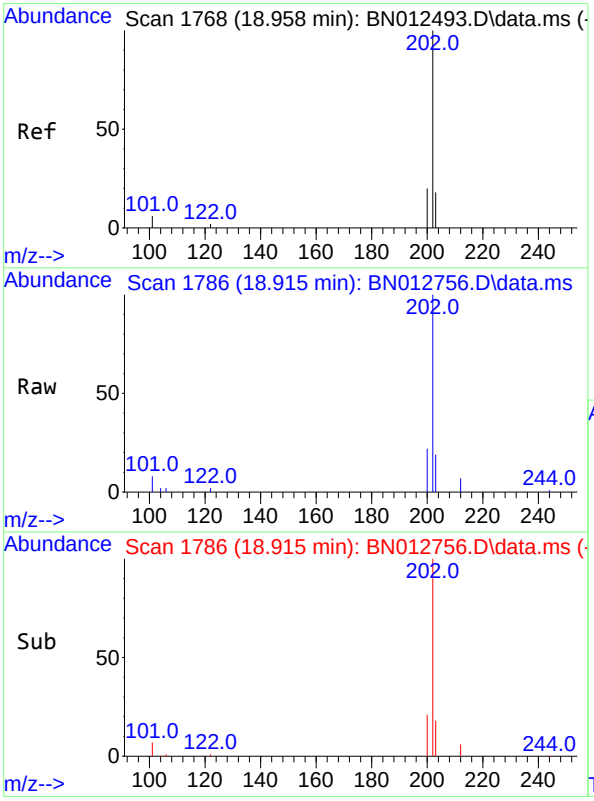


#27
Fluoranthene-d10
Concen: 0.35 ng
RT: 18.880 min Scan# 1779
Delta R.T. -0.003 min
Lab File: BN012756.D
Acq: 27 Nov 2020 17:47

Tgt Ion:212 Resp: 4512

Ion	Ratio	Lower	Upper
212	100		
106	9.4	6.8	10.2
104	6.1	4.1	6.1

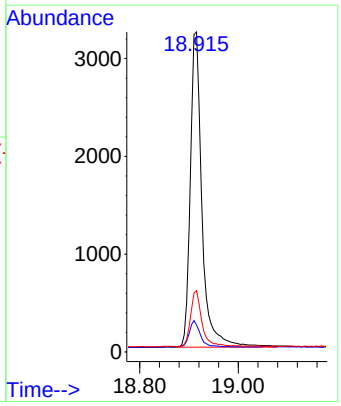




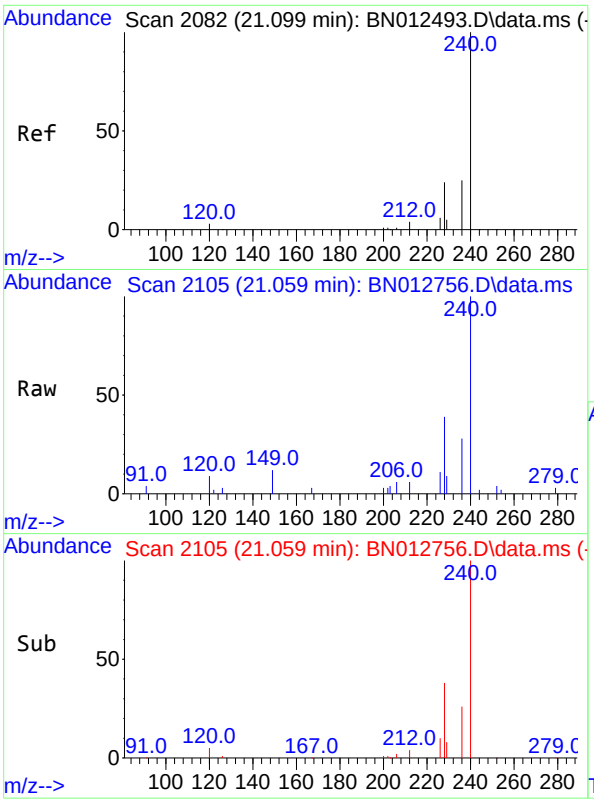
#28
Fluoranthene
Concen: 0.37 ng
RT: 18.915 min Scan# 1786
Delta R.T. 0.002 min
Lab File: BN012756.D
Acq: 27 Nov 2020 17:47

Tgt Ion:202 Resp: 5319

Ion	Ratio	Lower	Upper
202	100		
101	8.1	5.8	8.6
203	17.2	13.7	20.5



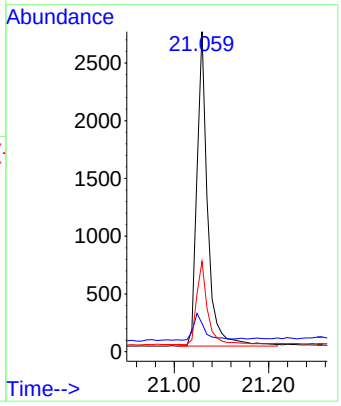
Instrument :
BNA_N
ClientSampleId :
PB133253BSD

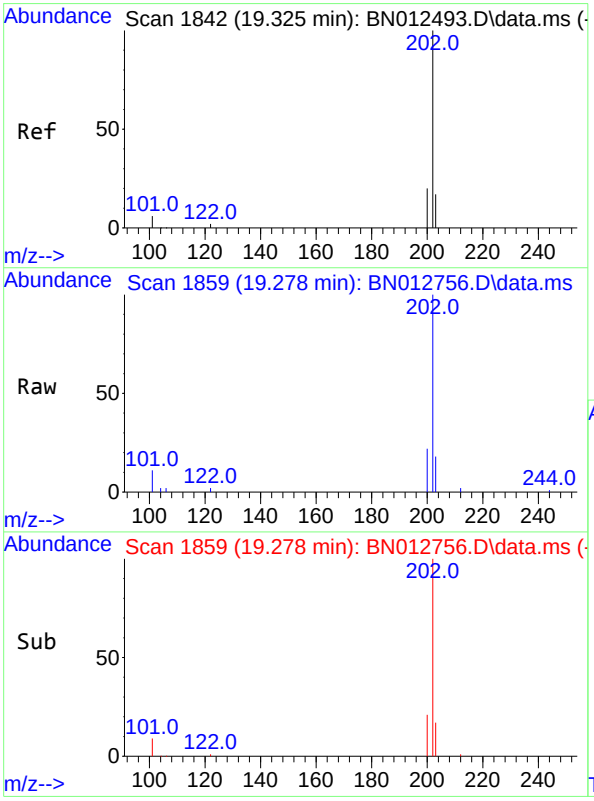


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.059 min Scan# 2105
Delta R.T. 0.002 min
Lab File: BN012756.D
Acq: 27 Nov 2020 17:47

Tgt Ion:240 Resp: 4285

Ion	Ratio	Lower	Upper
240	100		
120	8.8	5.3	7.9#
236	28.3	21.8	32.8

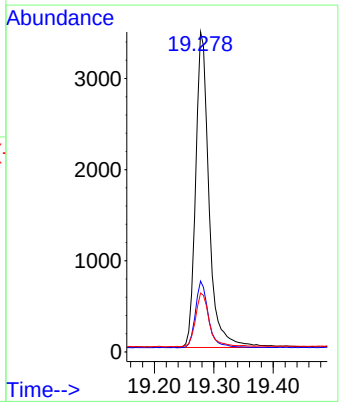




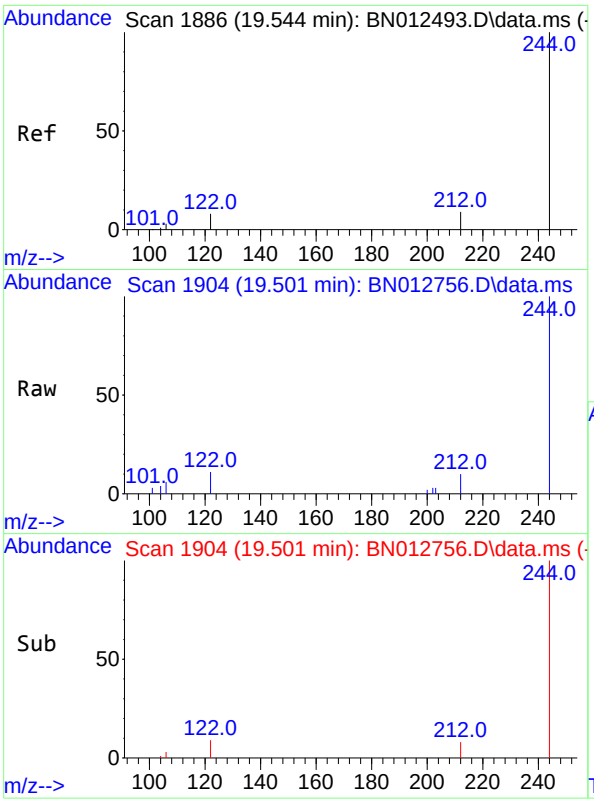
#30
Pyrene
Concen: 0.38 ng
RT: 19.278 min Scan# 1859
Delta R.T. -0.003 min
Lab File: BN012756.D
Acq: 27 Nov 2020 17:47

Tgt Ion:202 Resp: 5419

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	24.8
203	17.3	13.8	20.8



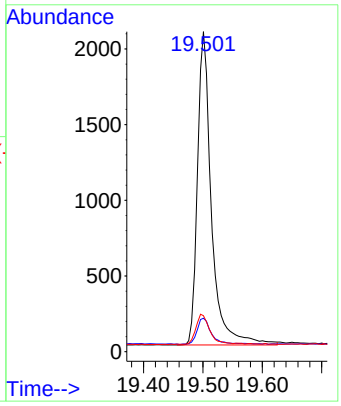
Instrument :
BNA_N
ClientSampleId :
PB133253BSD

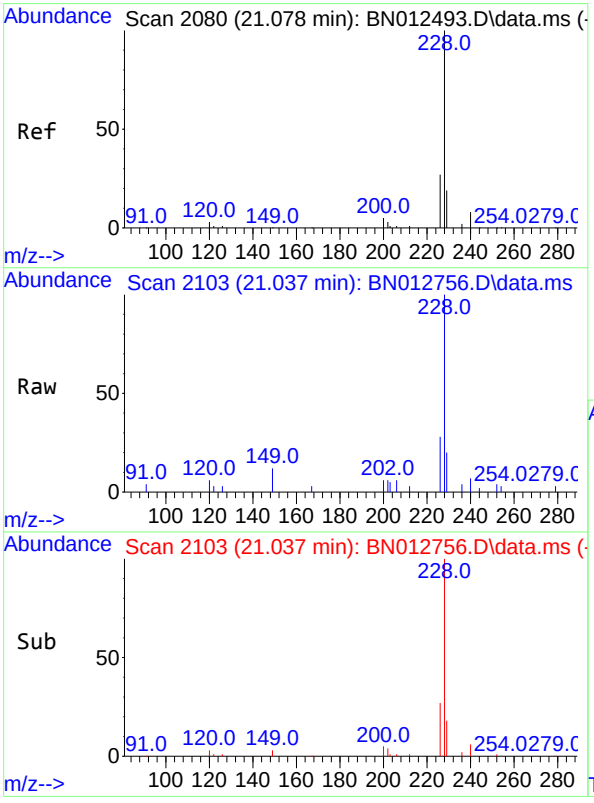


#31
Terphenyl-d14
Concen: 0.33 ng
RT: 19.501 min Scan# 1904
Delta R.T. 0.002 min
Lab File: BN012756.D
Acq: 27 Nov 2020 17:47

Tgt Ion:244 Resp: 3382

Ion	Ratio	Lower	Upper
244	100		
212	10.5	7.3	10.9
122	11.3	7.3	10.9#

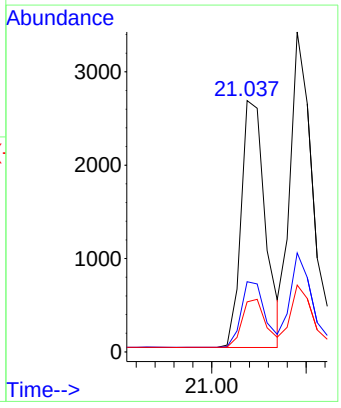




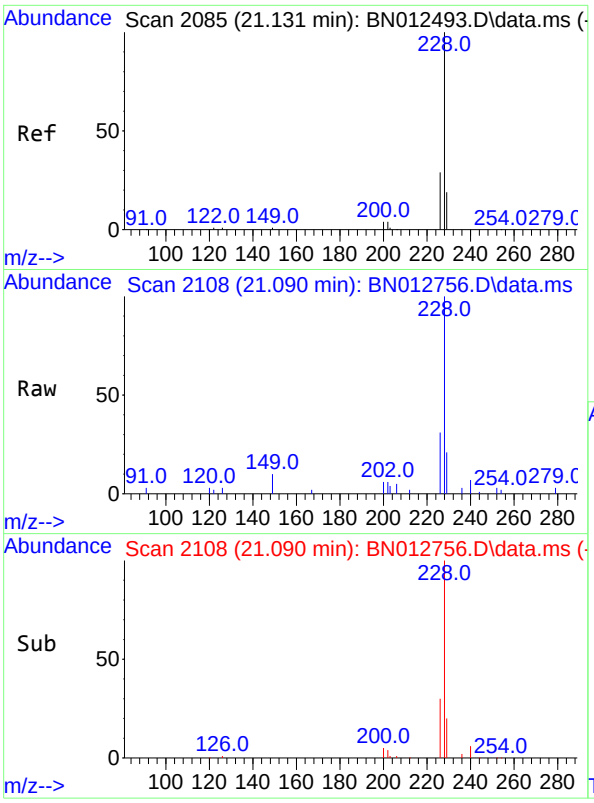
#32
Benzo(a)anthracene
Concen: 0.35 ng
RT: 21.037 min Scan# 2103
Delta R.T. 0.002 min
Lab File: BN012756.D
Acq: 27 Nov 2020 17:47

Tgt Ion:228 Resp: 4725

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.3	33.5
229	19.9	15.7	23.5



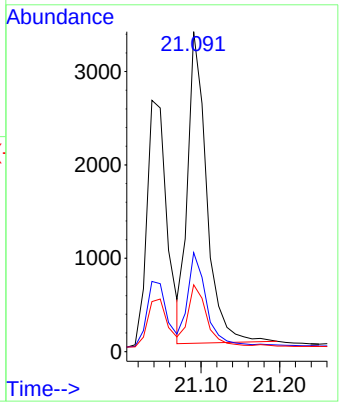
Instrument :
BNA_N
ClientSampleId :
PB133253BSD

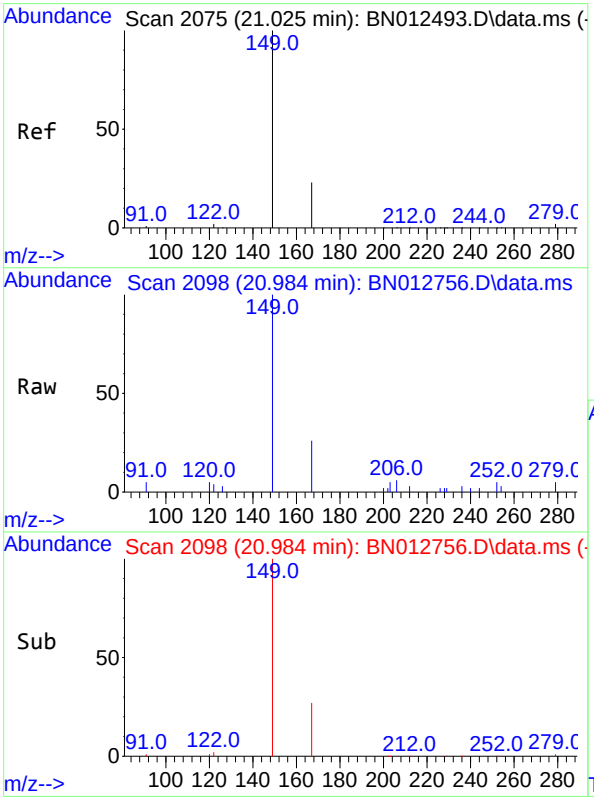


#33
Chrysene
Concen: 0.39 ng
RT: 21.090 min Scan# 2108
Delta R.T. 0.002 min
Lab File: BN012756.D
Acq: 27 Nov 2020 17:47

Tgt Ion:228 Resp: 5568

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.2	36.2
229	20.9	15.7	23.5

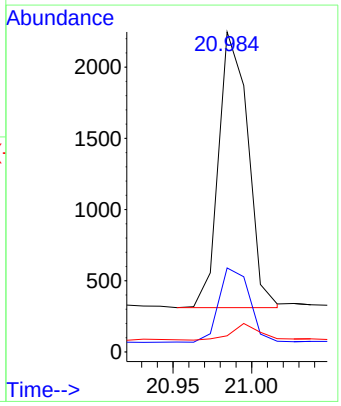




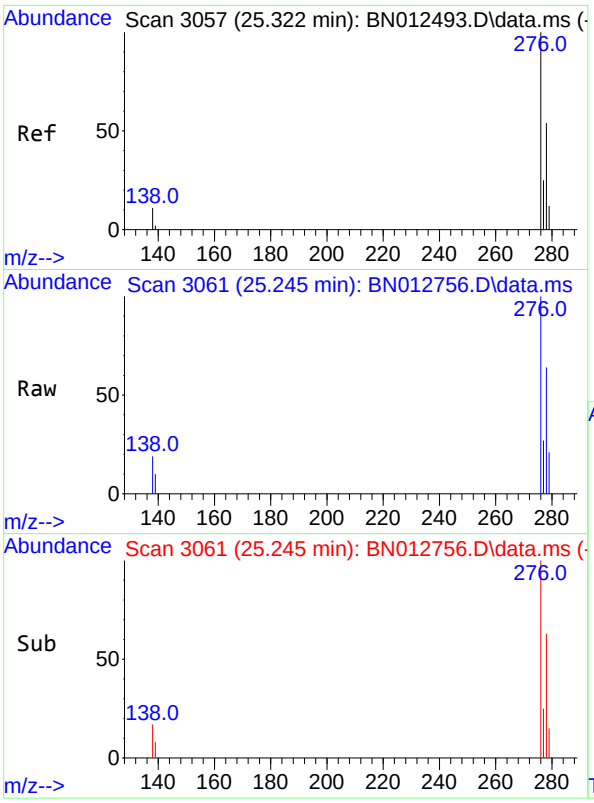
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.27 ng
RT: 20.984 min Scan# 2098
Delta R.T. 0.002 min
Lab File: BN012756.D
Acq: 27 Nov 2020 17:47

Tgt Ion:149 Resp: 2505

Ion	Ratio	Lower	Upper
149	100		
167	28.1	23.2	34.8
279	5.6	3.9	5.9



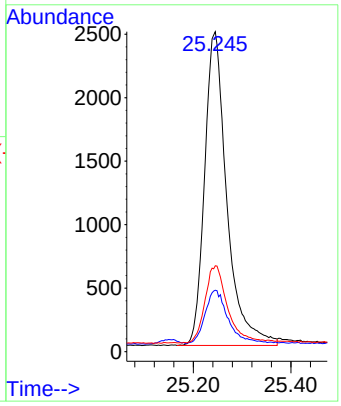
Instrument :
BNA_N
ClientSampleId :
PB133253BSD

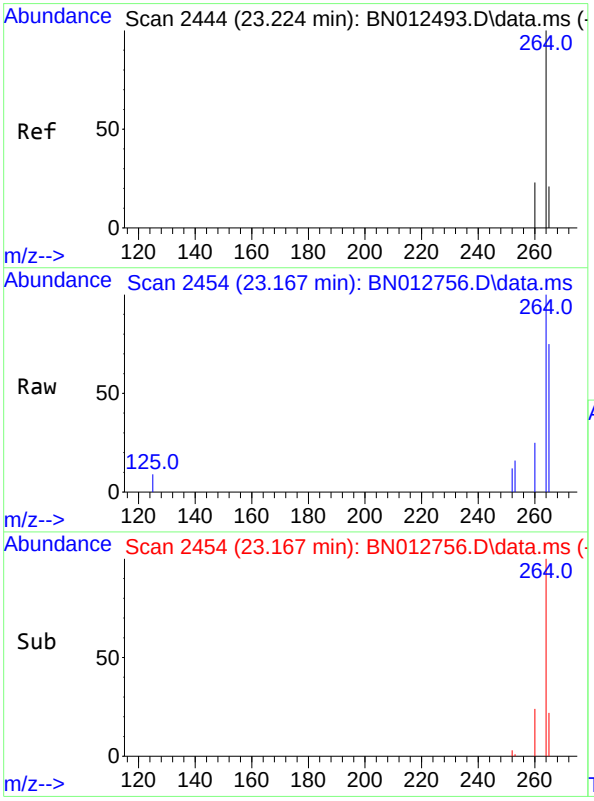


#35
Indeno(1,2,3-cd)pyrene
Concen: 0.36 ng
RT: 25.245 min Scan# 3061
Delta R.T. 0.009 min
Lab File: BN012756.D
Acq: 27 Nov 2020 17:47

Tgt Ion:276 Resp: 7832

Ion	Ratio	Lower	Upper
276	100		
138	17.5	13.3	19.9
277	24.8	20.2	30.4

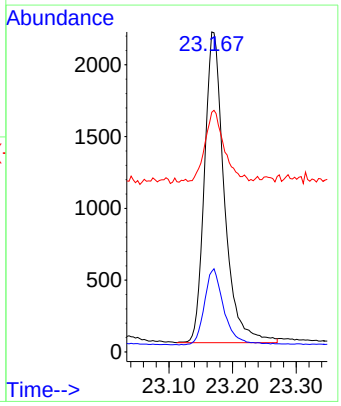




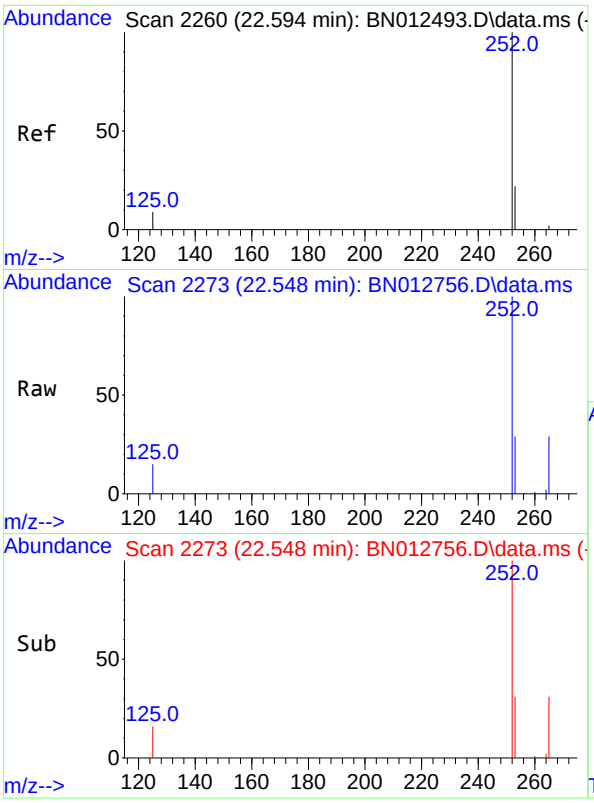
#36
Perylene-d12
Concen: 0.40 ng
RT: 23.167 min Scan# 2454
Delta R.T. -0.002 min
Lab File: BN012756.D
Acq: 27 Nov 2020 17:47

Tgt Ion:264 Resp: 4682

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.8	29.6
265	74.9	51.4	77.0



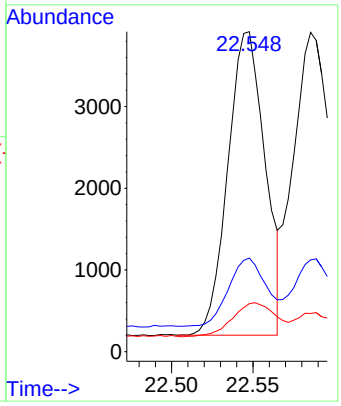
Instrument :
BNA_N
ClientSampleId :
PB133253BSD

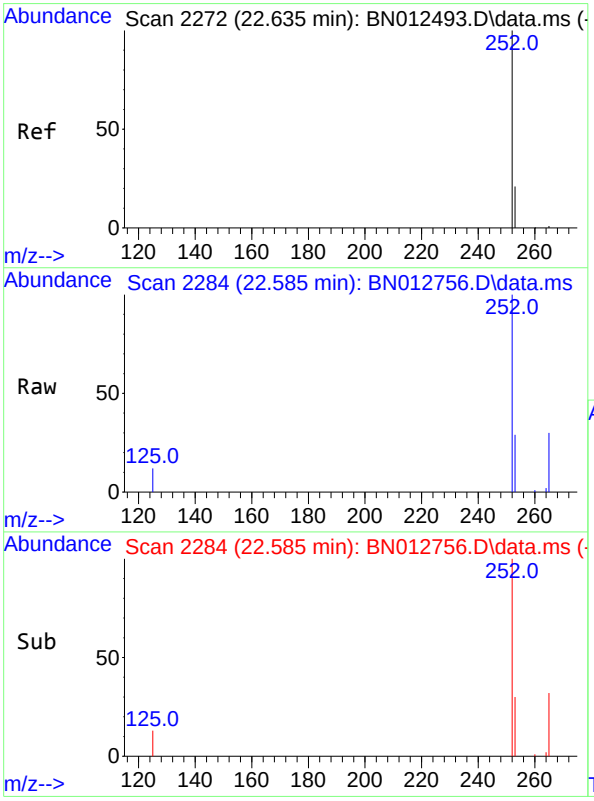


#37
Benzo(b)fluoranthene
Concen: 0.40 ng
RT: 22.548 min Scan# 2273
Delta R.T. 0.005 min
Lab File: BN012756.D
Acq: 27 Nov 2020 17:47

Tgt Ion:252 Resp: 5906

Ion	Ratio	Lower	Upper
252	100		
253	29.2	20.1	30.1
125	15.0	7.2	10.8#

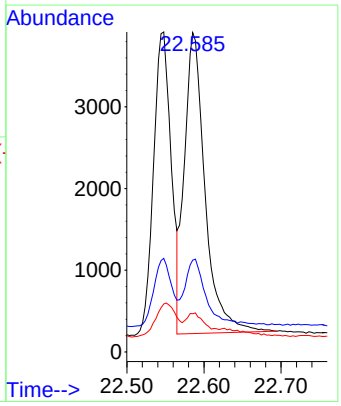




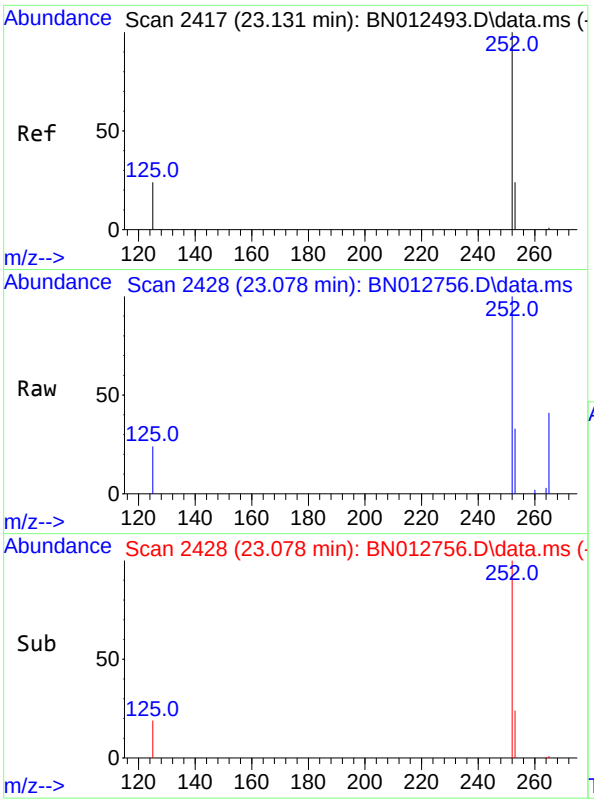
#38
Benzo(k)fluoranthene
Concen: 0.43 ng
RT: 22.585 min Scan# 2284
Delta R.T. -0.002 min
Lab File: BN012756.D
Acq: 27 Nov 2020 17:47

Tgt Ion:252 Resp: 6857

Ion	Ratio	Lower	Upper
252	100		
253	28.7	19.8	29.8
125	12.0	7.1	10.7#



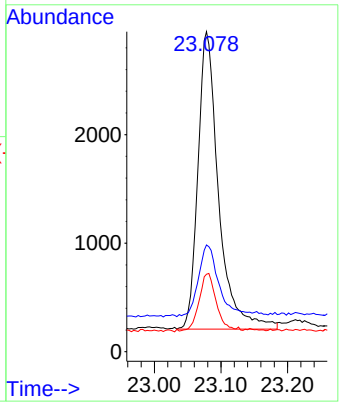
Instrument :
BNA_N
ClientSampleId :
PB133253BSD

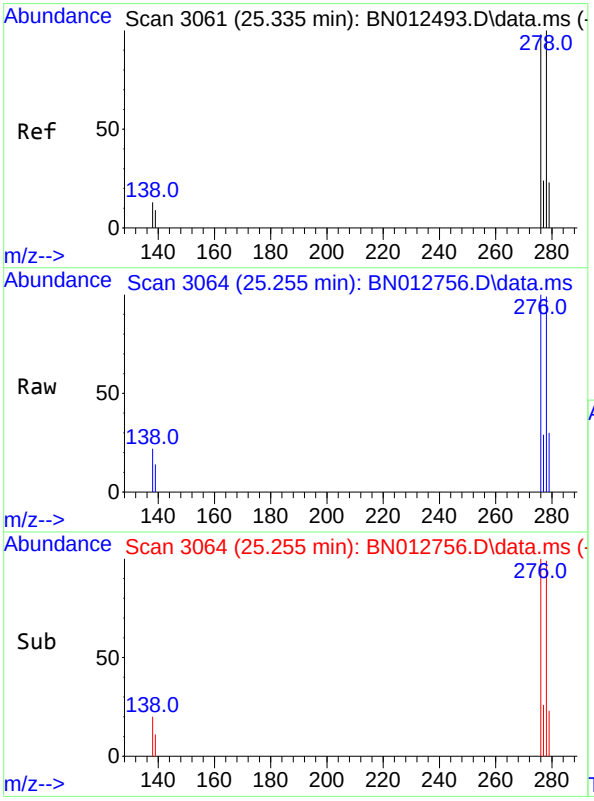


#39
Benzo(a)pyrene
Concen: 0.40 ng
RT: 23.078 min Scan# 2428
Delta R.T. 0.002 min
Lab File: BN012756.D
Acq: 27 Nov 2020 17:47

Tgt Ion:252 Resp: 5911

Ion	Ratio	Lower	Upper
252	100		
253	33.4	21.3	31.9#
125	24.2	8.3	12.5#

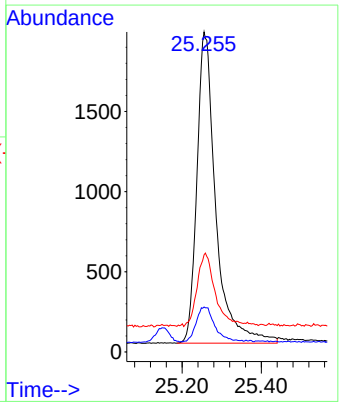


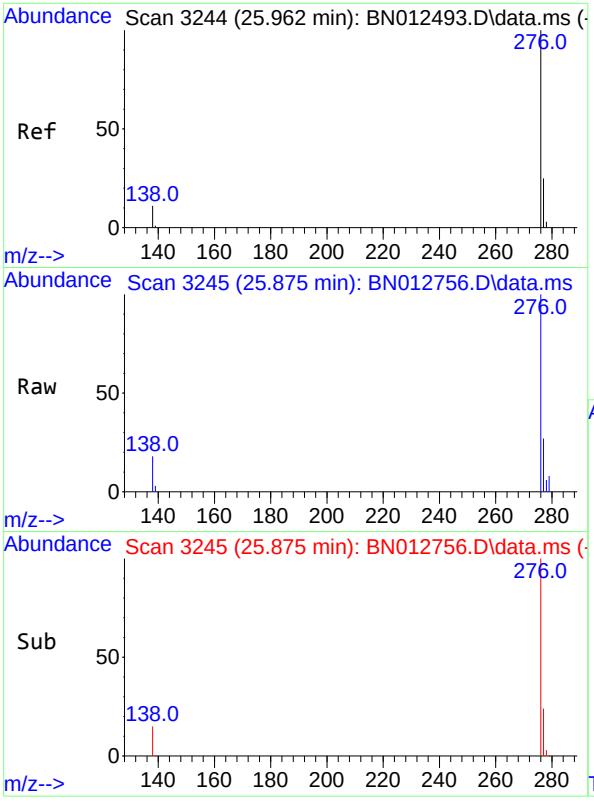


#40
Dibenzo(a,h)anthracene
Concen: 0.39 ng
RT: 25.255 min Scan# 3064
Delta R.T. -0.002 min
Lab File: BN012756.D
Acq: 27 Nov 2020 17:47

Tgt Ion:278 Resp: 6427

Ion	Ratio	Lower	Upper
278	100		
139	14.0	9.3	13.9#
279	30.4	21.6	32.4

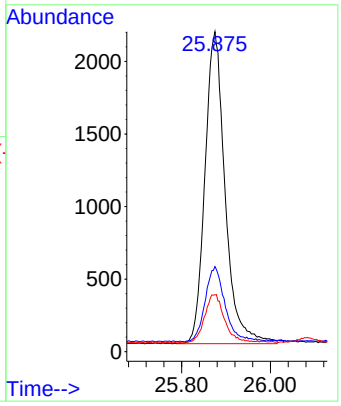




#41
Benzo(g,h,i)perylene
Concen: 0.40 ng
RT: 25.875 min Scan# 3245
Delta R.T. 0.005 min
Lab File: BN012756.D
Acq: 27 Nov 2020 17:47

Tgt Ion:276 Resp: 6787

Ion	Ratio	Lower	Upper
276	100		
277	26.6	19.8	29.8
138	17.8	11.7	17.5#



Instrument :
BNA_N
ClientSampleId :
PB133253BSD