Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121720\
Data File : BN013186.D
Acq On : 17 Dec 2020 15:13
Operator : CG/JU
Sample : PB133540BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Dec 17 15:42:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 17 12:34:52 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.346	152	591	0.40	ng		0.00
7) Naphthalene-d8	10.112	136	2071	0.40	ng	#	0.00
13) Acenaphthene-d10	14.004	164	1252	0.40	ng		0.00
19) Phenanthrene-d10	16.775	188	2708	0.40	ng	#	0.00
29) Chrysene-d12	21.006	240	2687	0.40	ng	#	0.00
36) Perylene-d12	23.099	264	3050	0.40	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	4.970	112	1012	0.42	ng		0.00
5) Phenol-d6	6.549	99	886	0.36	ng		0.00
8) Nitrobenzene-d5	8.515	82	709	0.33	ng		0.00
11) 2-Methylnaphthalene-d10	11.728	152	1247	0.34	ng		0.00
14) 2,4,6-Tribromophenol	15.539	330	265	0.34	ng		0.00
15) 2-Fluorobiphenyl	12.633	172	1847	0.35	ng		0.00
27) Fluoranthene-d10	18.826	212	2997	0.34	ng		0.00
31) Terphenyl-d14	19.446	244	2363	0.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.941	88	460	0.45	ng	#	91
3) n-Nitrosodimethylamine	3.279	42	671	0.39	ng	#	85
6) bis(2-Chloroethyl)ether	6.798	93	568	0.37	ng		98
9) Naphthalene	10.163	128	2253	0.35	ng	#	93
10) Hexachlorobutadiene	10.429	225	526	0.39	ng	#	99
12) 2-Methylnaphthalene	11.804	142	1435	0.33	ng		96
16) Acenaphthylene	13.724	152	2227	0.34	ng		99
17) Acenaphthene	14.067	154	1453	0.35	ng		91
18) Fluorene	15.082	166	1901	0.35	ng		99
20) 4,6-Dinitro-2-methylph...	15.247	198	115	0.34	ng	#	1
21) 4-Bromophenyl-phenylether	16.021	248	209	0.39	ng		93
22) Hexachlorobenzene	16.082	284	621	0.33	ng		96
23) Atrazine	16.276	200	507	0.31	ng	#	85
24) Pentachlorophenol	16.447	266	247	0.32	ng		96
25) Phenanthrene	16.812	178	2938	0.33	ng		100
26) Anthracene	16.922	178	2493	0.32	ng		99
28) Fluoranthene	18.856	202	3589	0.33	ng		99
30) Pyrene	19.223	202	3664	0.35	ng		100
32) Benzo(a)anthracene	20.995	228	3200	0.34	ng		96
33) Chrysene	21.048	228	3502	0.35	ng		98
34) Bis(2-ethylhexyl)phtha...	20.931	149	1643	0.08	ng		97
35) Indeno(1,2,3-cd)pyrene	25.146	276	4833	0.35	ng		97
37) Benzo(b)fluoranthene	22.486	252	3676	0.34	ng	#	89
38) Benzo(k)fluoranthene	22.524	252	4391	0.36	ng	#	88
39) Benzo(a)pyrene	23.010	252	3864	0.36	ng	#	83
40) Dibenzo(a,h)anthracene	25.156	278	4095	0.35	ng	#	85
41) Benzo(g,h,i)perylene	25.765	276	4610	0.37	ng	#	92

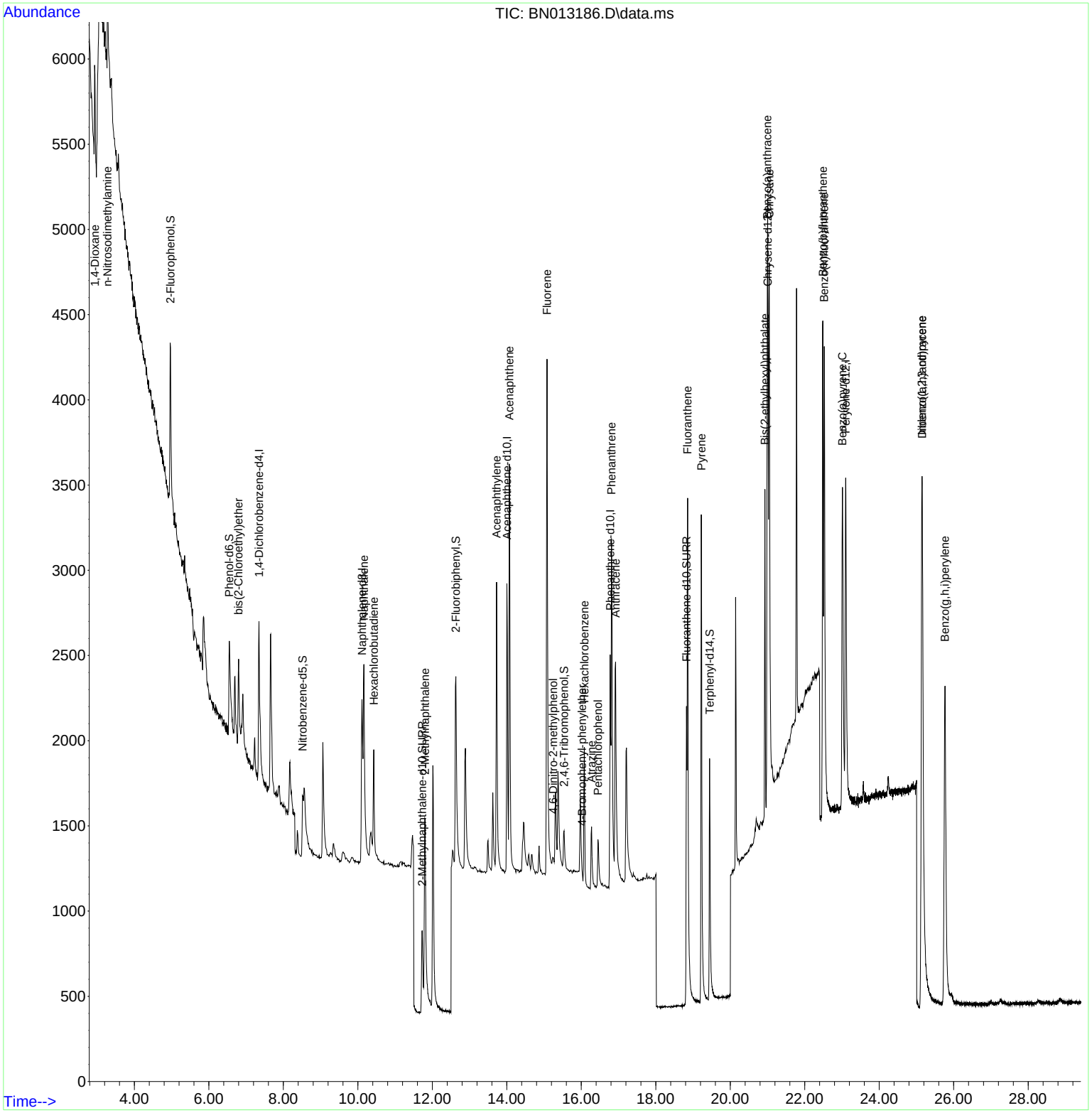
(#) = qualifier out of range (m) = manual integration (+) = signals summed

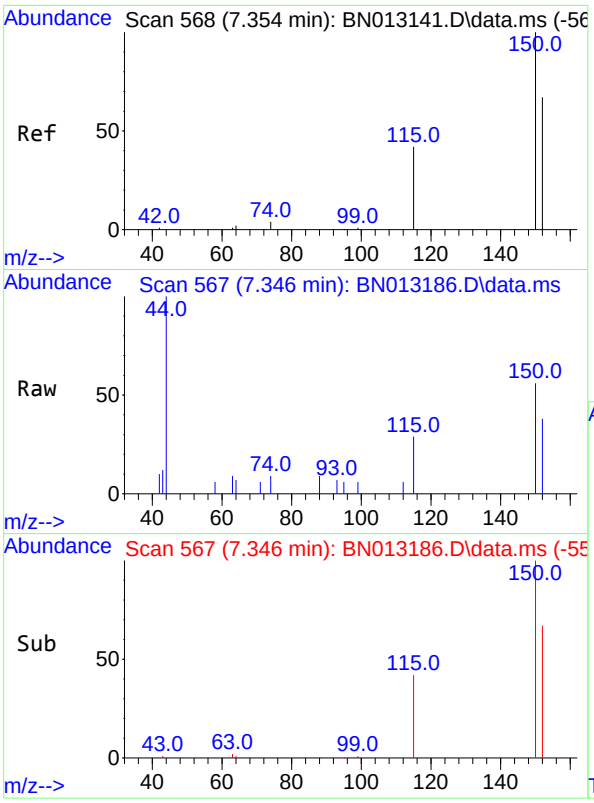
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121720\
Data File : BN013186.D
Acq On : 17 Dec 2020 15:13
Operator : CG/JU
Sample : PB133540BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 17 15:42:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 17 12:34:52 2020
Response via : Initial Calibration

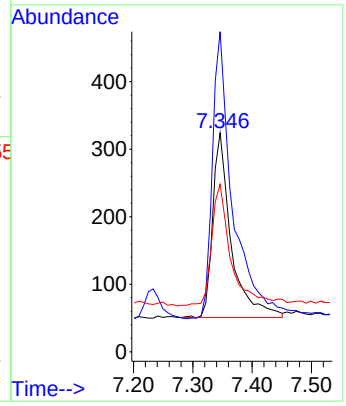




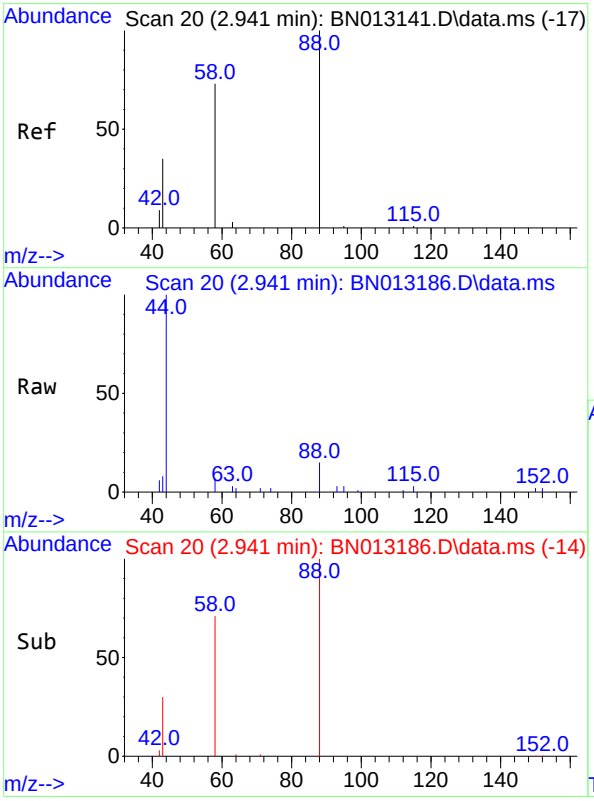
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.346 min Scan# 567
Delta R.T. -0.000 min
Lab File: BN013186.D
Acq: 17 Dec 2020 15:13

Tgt Ion:152 Resp: 591

Ion	Ratio	Lower	Upper
152	100		
150	146.3	116.6	174.8
115	76.5	52.9	79.3



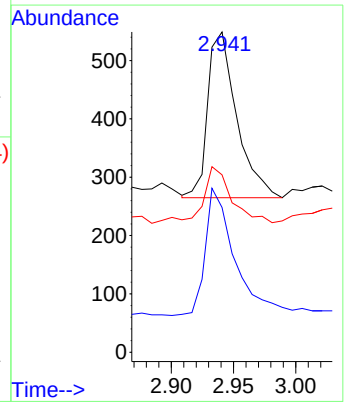
Instrument :
BNA_N
ClientSampleId :

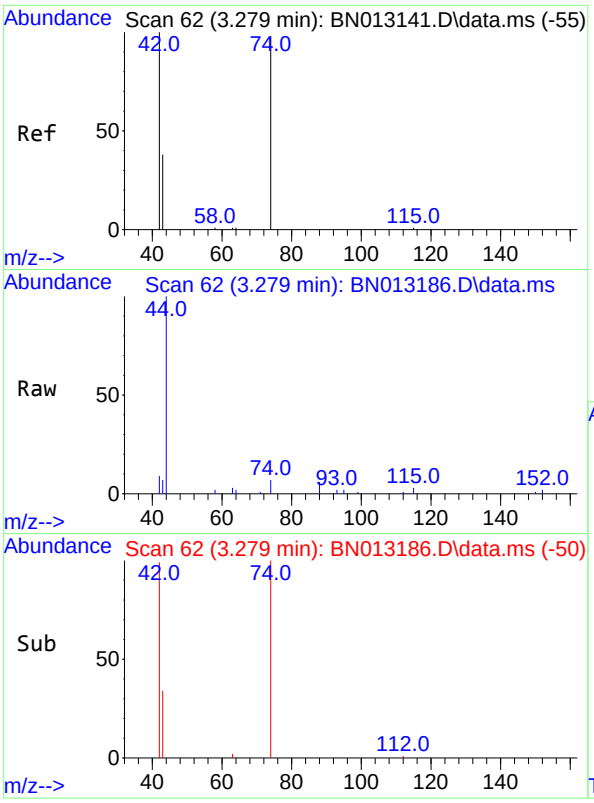


#2
1,4-Dioxane
Concen: 0.45 ng
RT: 2.941 min Scan# 20
Delta R.T. 0.000 min
Lab File: BN013186.D
Acq: 17 Dec 2020 15:13

Tgt Ion: 88 Resp: 460

Ion	Ratio	Lower	Upper
88	100		
58	78.5	59.4	89.2
43	30.9	32.3	48.5#

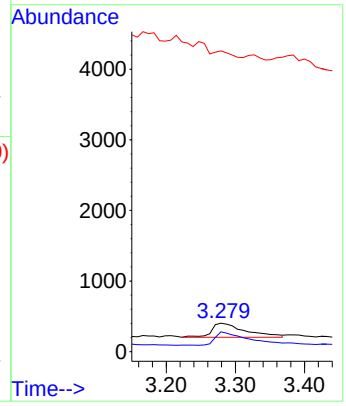




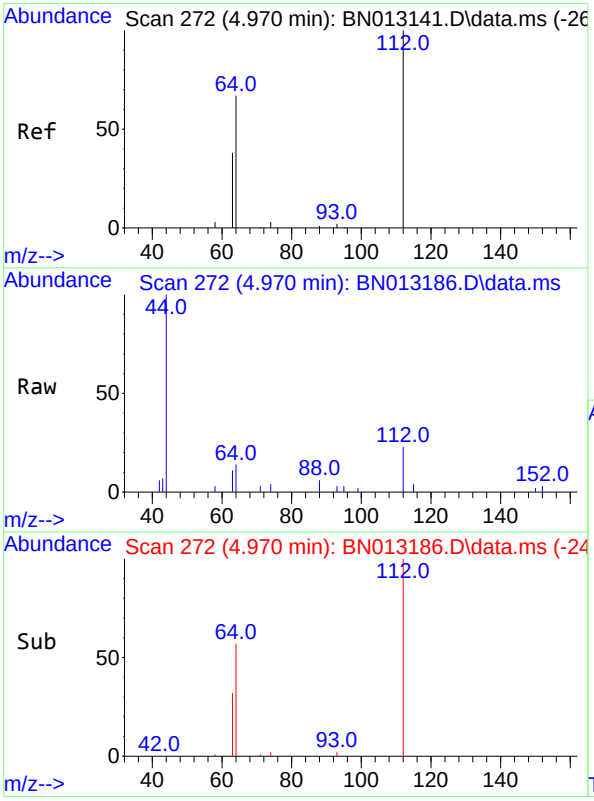
#3
n-Nitrosodimethylamine
Concen: 0.39 ng
RT: 3.279 min Scan# 62
Delta R.T. 0.000 min
Lab File: BN013186.D
Acq: 17 Dec 2020 15:13

Tgt Ion: 42 Resp: 671

Ion	Ratio	Lower	Upper
42	100		
74	94.0	64.4	96.6
44	0.0	2.8	4.2#



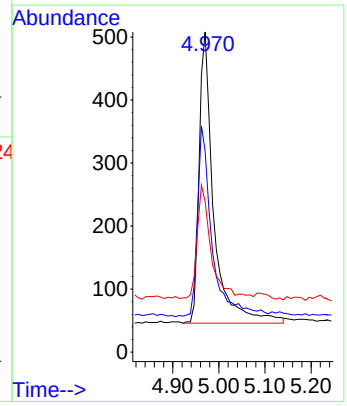
Instrument :
BNA_N
ClientSampleId :



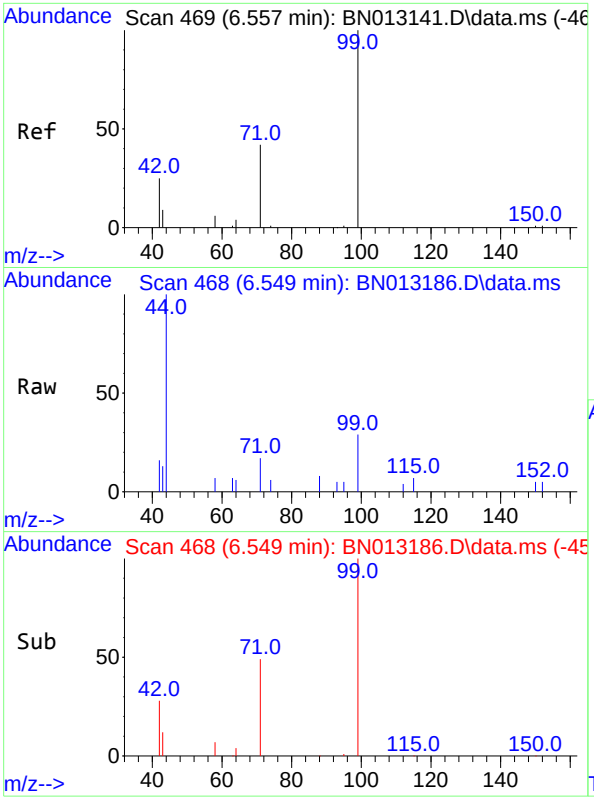
#4
2-Fluorophenol
Concen: 0.42 ng
RT: 4.970 min Scan# 272
Delta R.T. 0.000 min
Lab File: BN013186.D
Acq: 17 Dec 2020 15:13

Tgt Ion:112 Resp: 1012

Ion	Ratio	Lower	Upper
112	100		
64	66.1	49.5	74.3
63	38.3	32.0	48.0



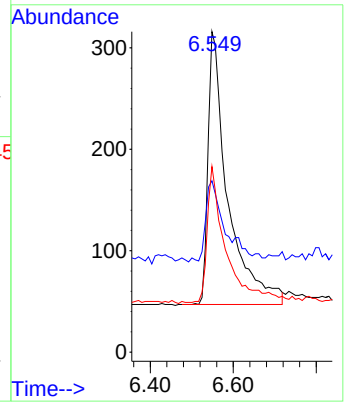
Instrument :
BNA_N
ClientSampleId :

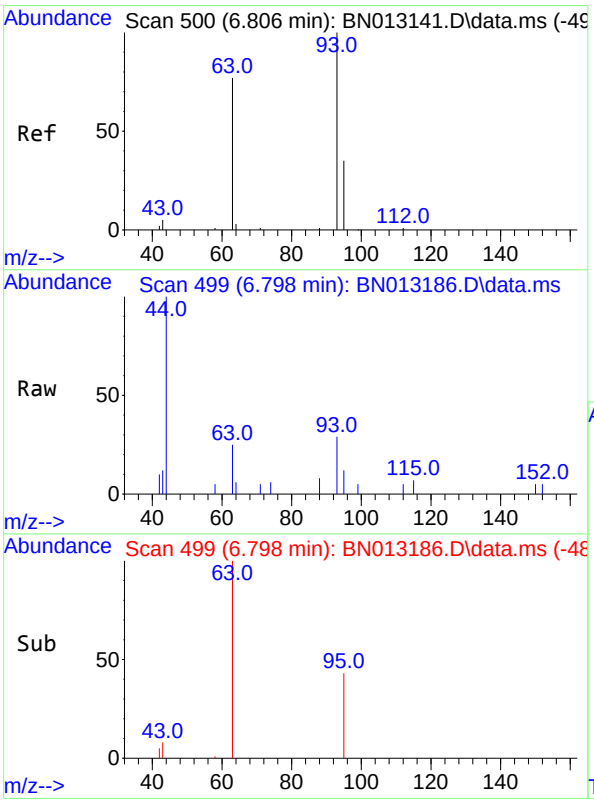


#5
Phenol-d6
Concen: 0.36 ng
RT: 6.549 min Scan# 468
Delta R.T. 0.000 min
Lab File: BN013186.D
Acq: 17 Dec 2020 15:13

Tgt Ion: 99 Resp: 886

Ion	Ratio	Lower	Upper
99	100		
42	28.9	22.4	33.6
71	46.3	37.8	56.6

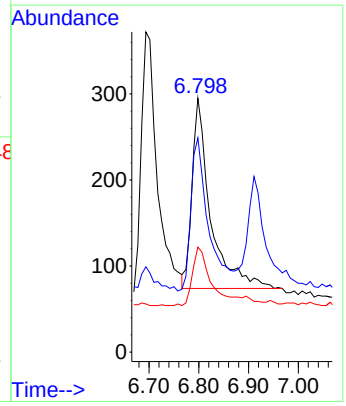




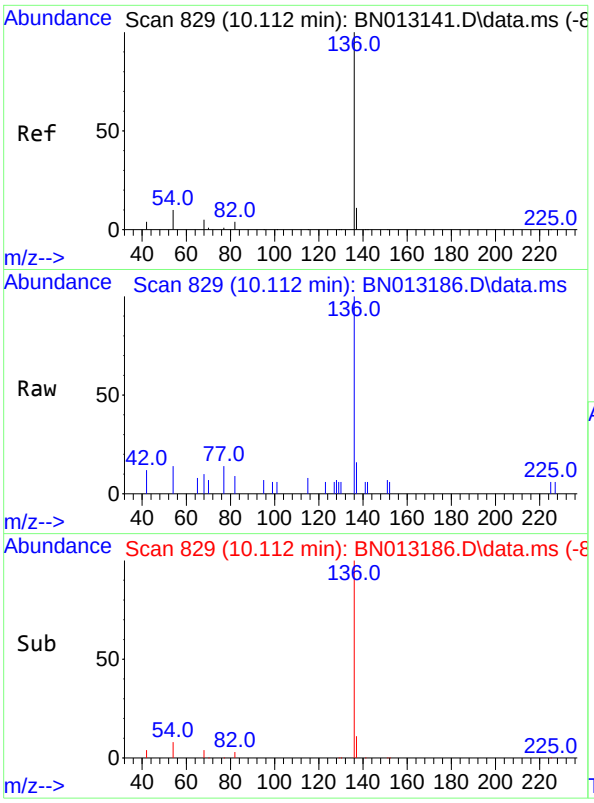
#6
bis(2-Chloroethyl)ether
Concen: 0.37 ng
RT: 6.798 min Scan# 499
Delta R.T. 0.000 min
Lab File: BN013186.D
Acq: 17 Dec 2020 15:13

Tgt Ion: 93 Resp: 568

Ion	Ratio	Lower	Upper
93	100		
63	77.6	63.1	94.7
95	34.5	26.1	39.1



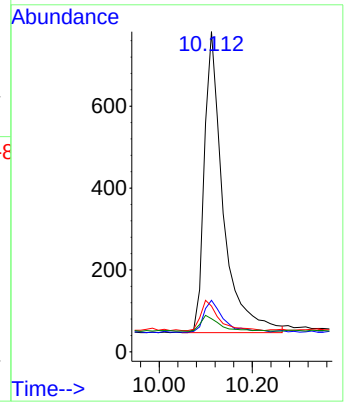
Instrument :
BNA_N
ClientSampleId :

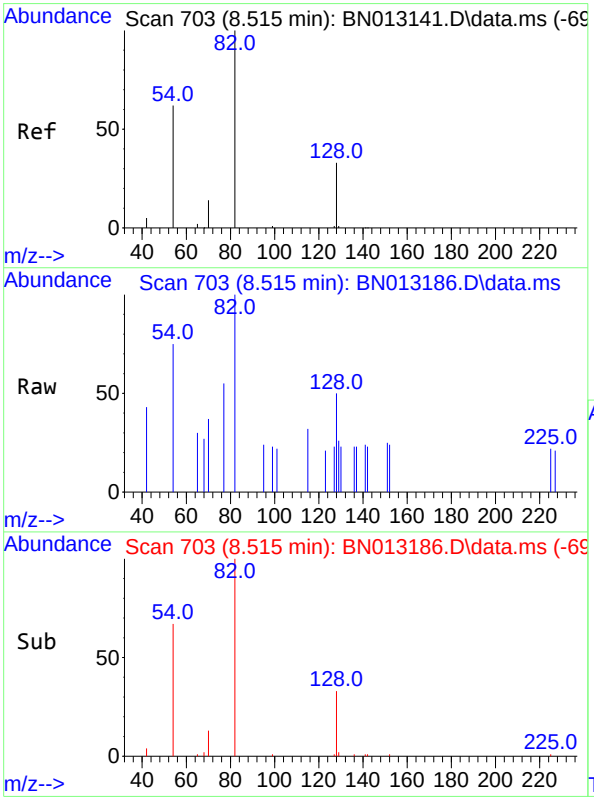


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.112 min Scan# 829
Delta R.T. 0.000 min
Lab File: BN013186.D
Acq: 17 Dec 2020 15:13

Tgt Ion:136 Resp: 2071

Ion	Ratio	Lower	Upper
136	100		
137	16.1	10.6	15.8#
54	14.3	8.6	12.8#
68	10.4	5.7	8.5#

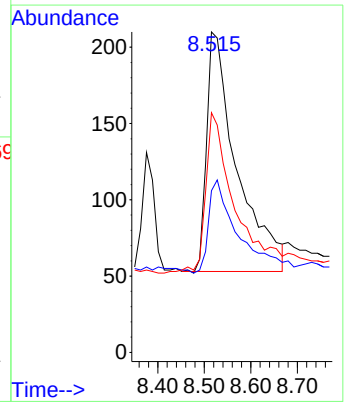


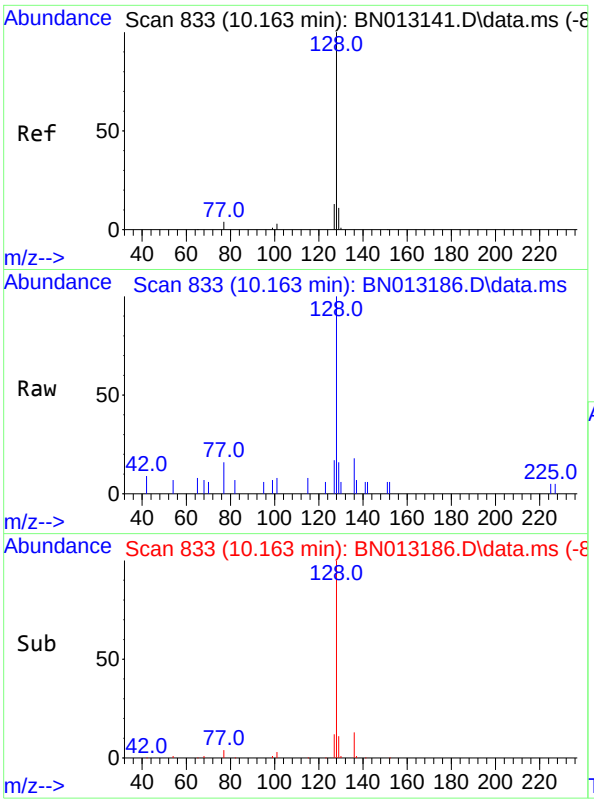


#8
Nitrobenzene-d5
Concen: 0.33 ng
RT: 8.515 min Scan# 703
Delta R.T. 0.000 min
Lab File: BN013186.D
Acq: 17 Dec 2020 15:13

Tgt Ion: 82 Resp: 709

Ion	Ratio	Lower	Upper
82	100		
128	50.5	30.6	46.0#
54	74.8	48.3	72.5#

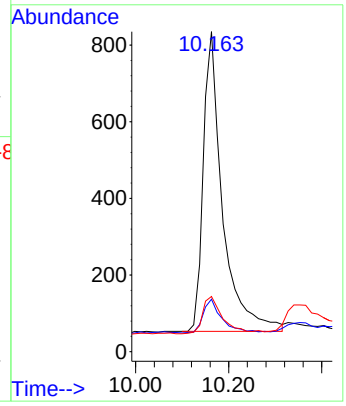




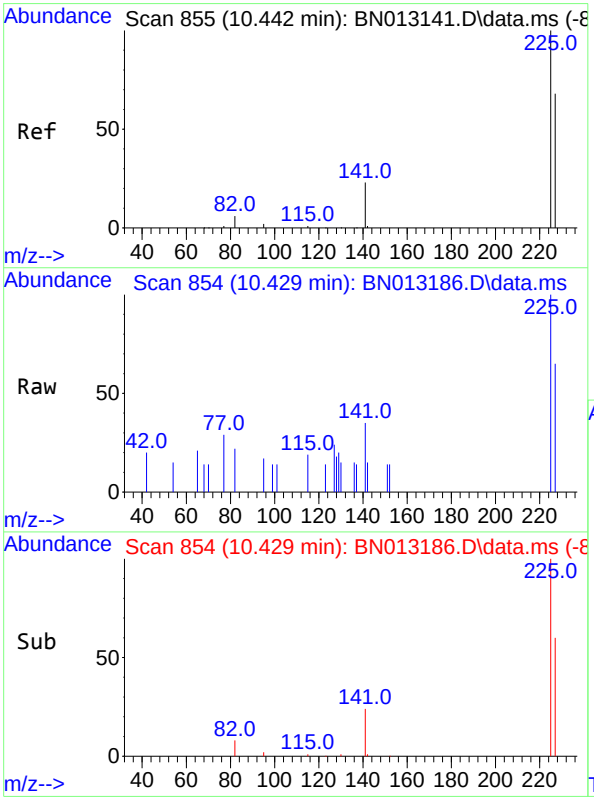
#9
Naphthalene
Concen: 0.35 ng
RT: 10.163 min Scan# 833
Delta R.T. 0.000 min
Lab File: BN013186.D
Acq: 17 Dec 2020 15:13

Tgt Ion:128 Resp: 2253

Ion	Ratio	Lower	Upper
128	100		
129	16.4	9.8	14.8#
127	17.2	12.2	18.4



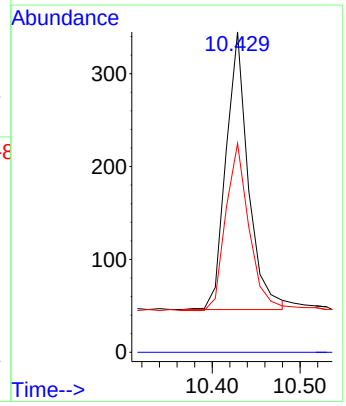
Instrument :
BNA_N
ClientSampleId :



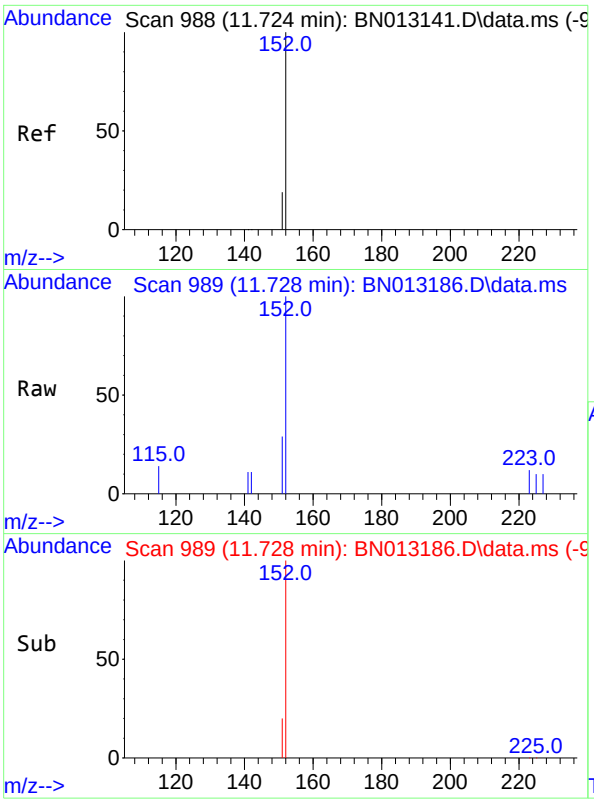
#10
Hexachlorobutadiene
Concen: 0.39 ng
RT: 10.429 min Scan# 854
Delta R.T. 0.000 min
Lab File: BN013186.D
Acq: 17 Dec 2020 15:13

Tgt Ion:225 Resp: 526

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.1	51.0	76.6



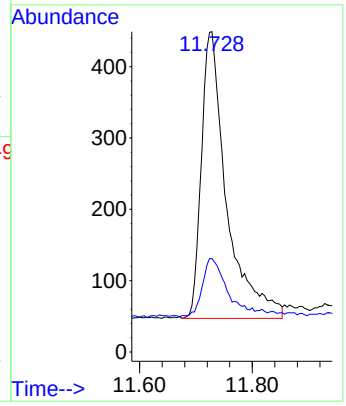
Instrument :
BNA_N
ClientSampleId :

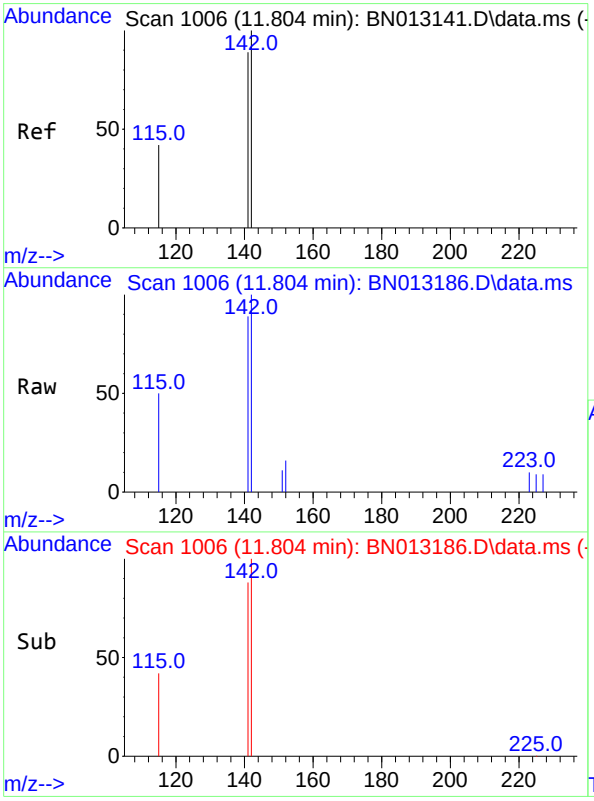


#11
2-Methylnaphthalene-d10
Concen: 0.34 ng
RT: 11.728 min Scan# 989
Delta R.T. 0.000 min
Lab File: BN013186.D
Acq: 17 Dec 2020 15:13

Tgt Ion:152 Resp: 1247

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.7	25.1

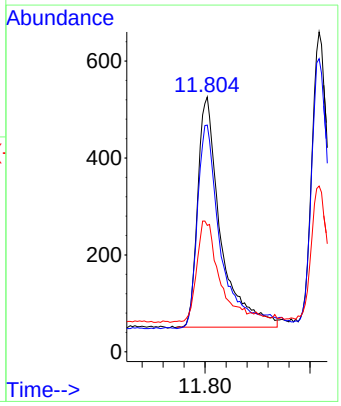




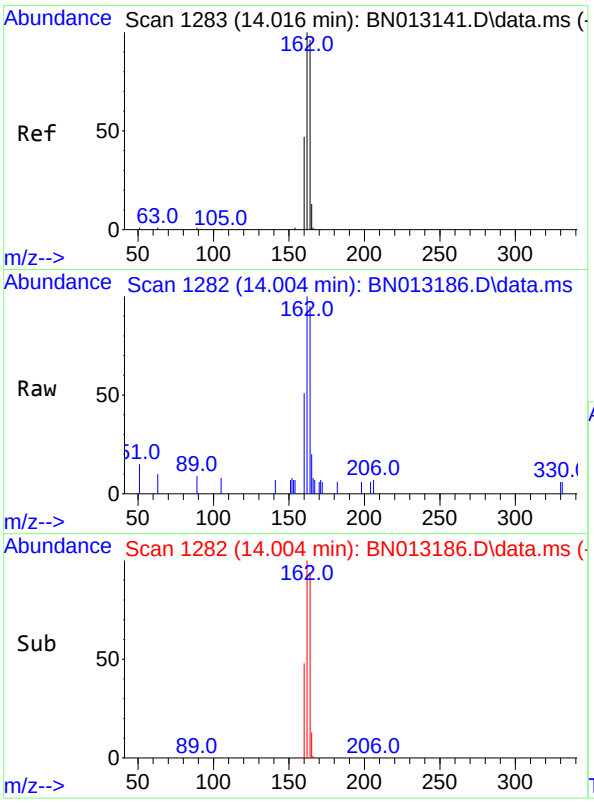
#12
2-Methylnaphthalene
Concen: 0.33 ng
RT: 11.804 min Scan# 1006
Delta R.T. -0.004 min
Lab File: BN013186.D
Acq: 17 Dec 2020 15:13

Tgt Ion:142 Resp: 1435

Ion	Ratio	Lower	Upper
142	100		
141	89.0	69.4	104.2
115	49.6	35.7	53.5



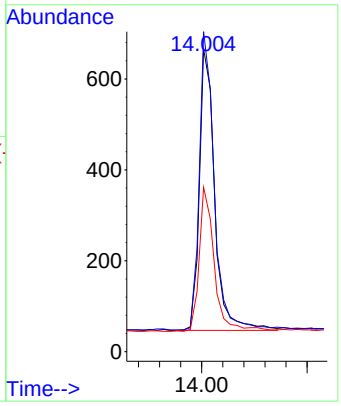
Instrument :
BNA_N
ClientSampleId :

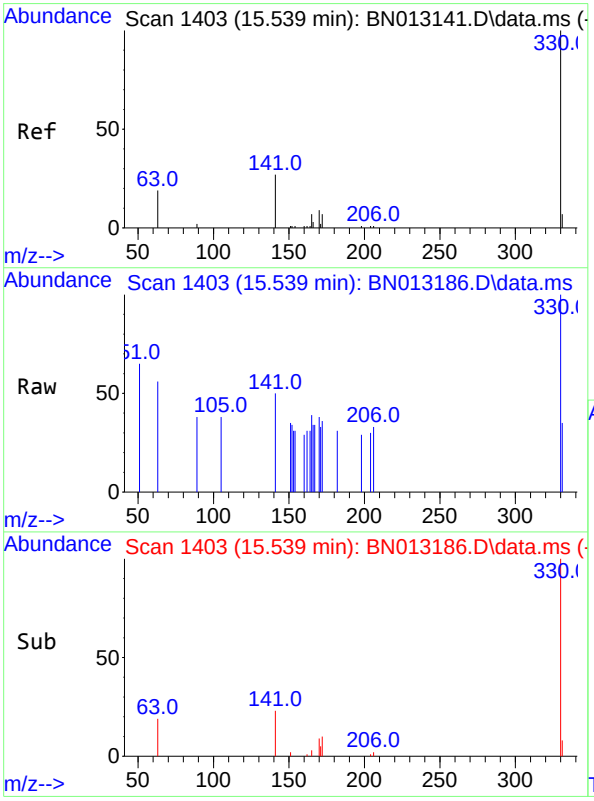


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.004 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BN013186.D
Acq: 17 Dec 2020 15:13

Tgt Ion:164 Resp: 1252

Ion	Ratio	Lower	Upper
164	100		
162	105.7	80.6	120.8
160	54.4	39.5	59.3

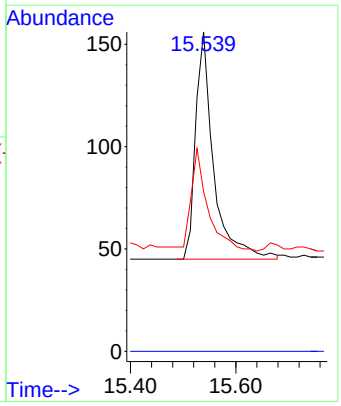




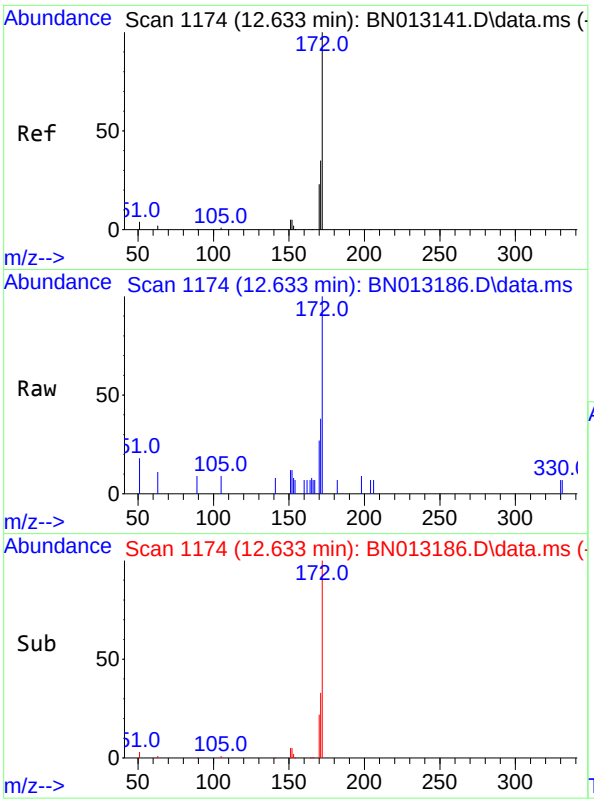
#14
2,4,6-Tribromophenol
Concen: 0.34 ng
RT: 15.539 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BN013186.D
Acq: 17 Dec 2020 15:13

Tgt Ion:330 Resp: 265

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	41.9	34.4	51.6



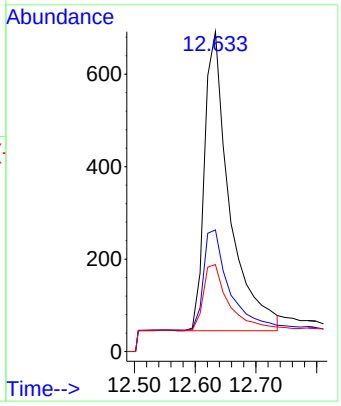
Instrument :
BNA_N
ClientSampleId :

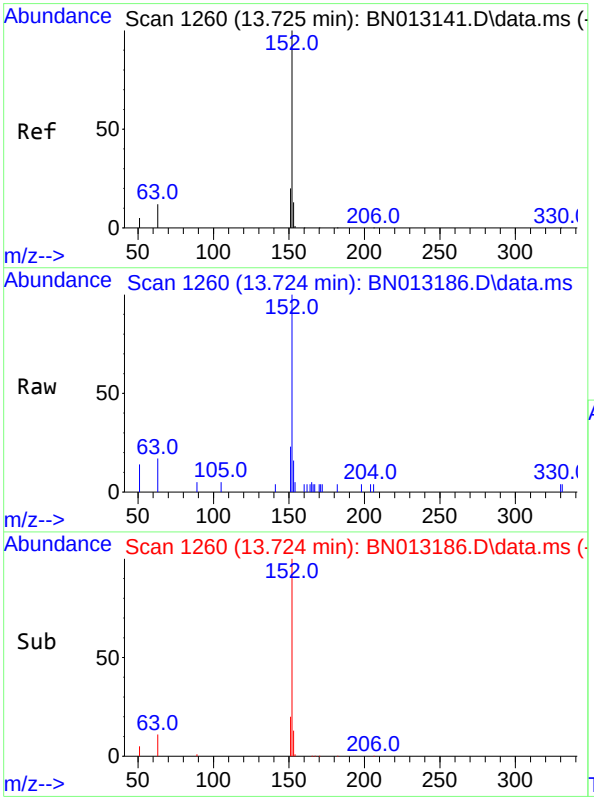


#15
2-Fluorobiphenyl
Concen: 0.35 ng
RT: 12.633 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BN013186.D
Acq: 17 Dec 2020 15:13

Tgt Ion:172 Resp: 1847

Ion	Ratio	Lower	Upper
172	100		
171	38.0	28.2	42.4
170	27.2	20.0	30.0

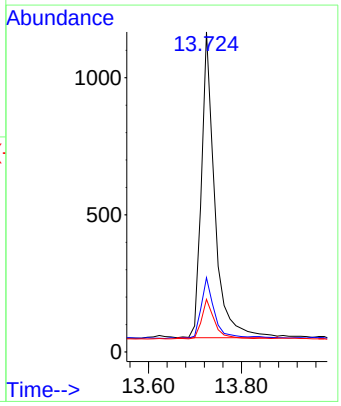




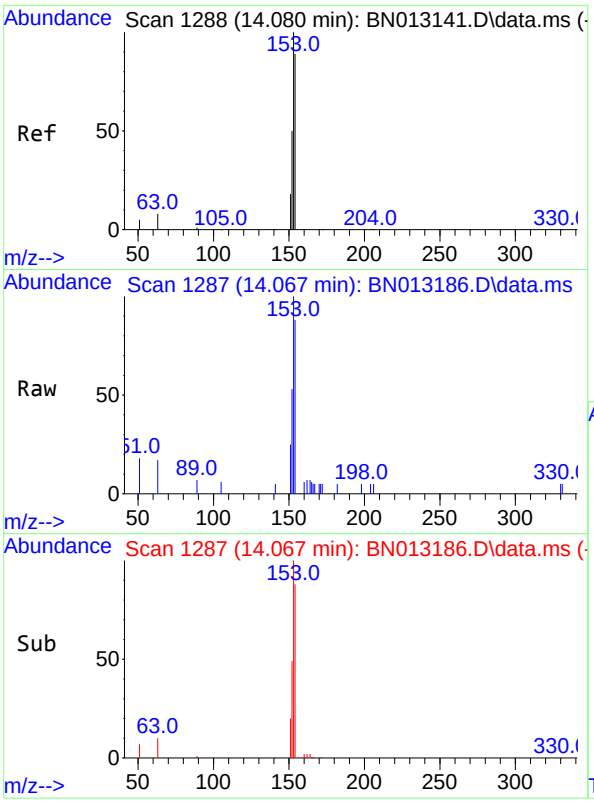
#16
Acenaphthylene
Concen: 0.34 ng
RT: 13.724 min Scan# 1260
Delta R.T. 0.000 min
Lab File: BN013186.D
Acq: 17 Dec 2020 15:13

Tgt Ion:152 Resp: 2227

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.8
153	12.4	10.6	16.0



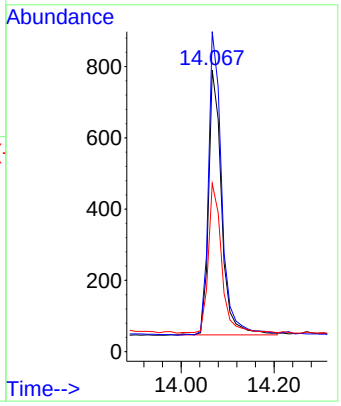
Instrument :
BNA_N
ClientSampleId :

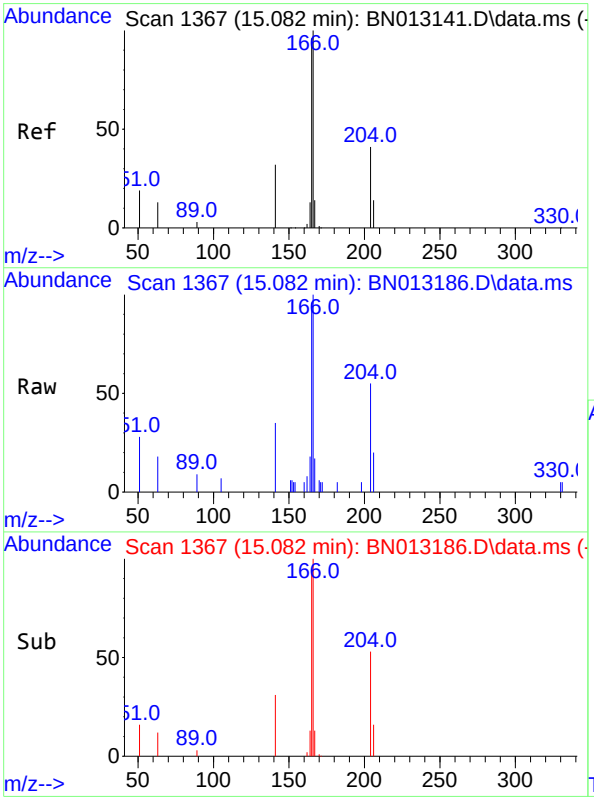


#17
Acenaphthene
Concen: 0.35 ng
RT: 14.067 min Scan# 1287
Delta R.T. 0.000 min
Lab File: BN013186.D
Acq: 17 Dec 2020 15:13

Tgt Ion:154 Resp: 1453

Ion	Ratio	Lower	Upper
154	100		
153	117.1	83.6	125.4
152	56.8	43.9	65.9

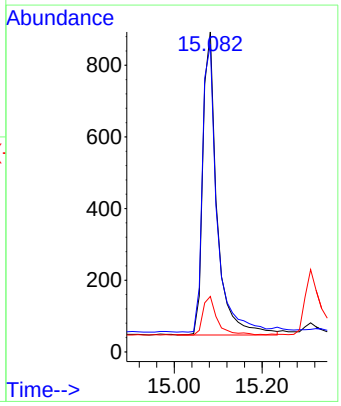




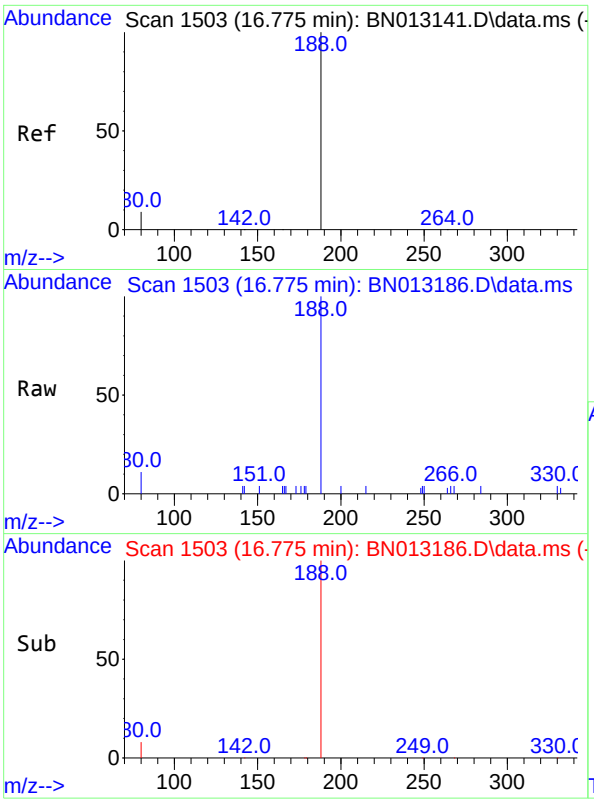
#18
Fluorene
Concen: 0.35 ng
RT: 15.082 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BN013186.D
Acq: 17 Dec 2020 15:13

Tgt Ion:166 Resp: 1901

Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.6	118.0
167	12.9	10.7	16.1



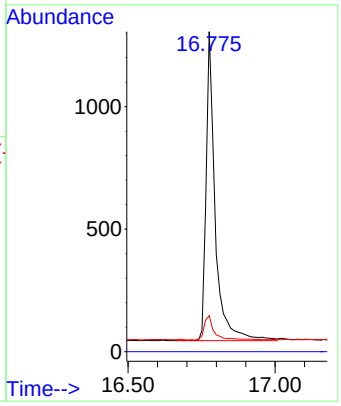
Instrument :
BNA_N
ClientSampleId :

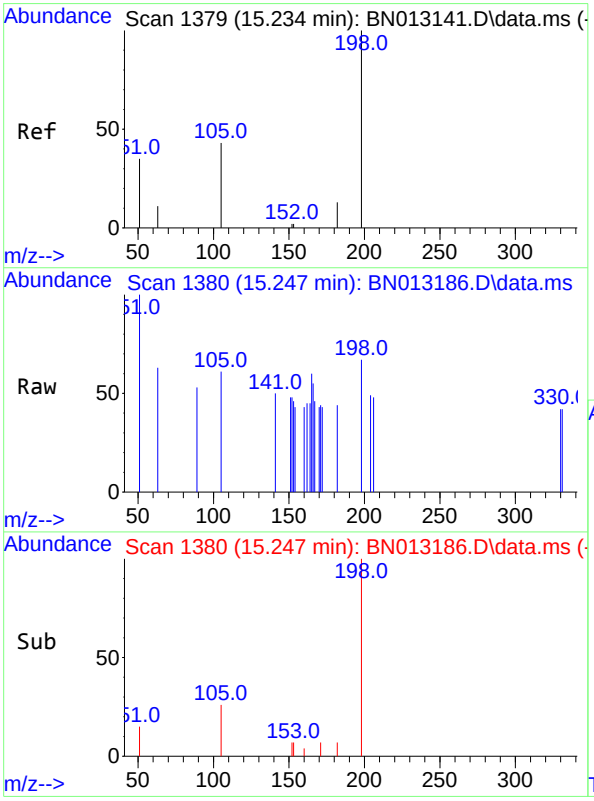


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.775 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BN013186.D
Acq: 17 Dec 2020 15:13

Tgt Ion:188 Resp: 2708

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.3	5.0	7.4#

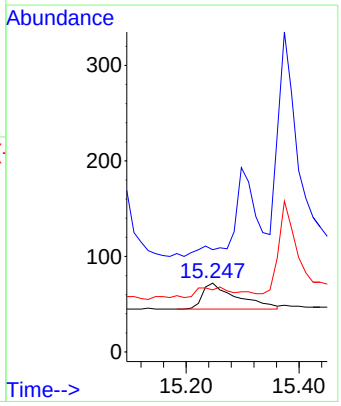


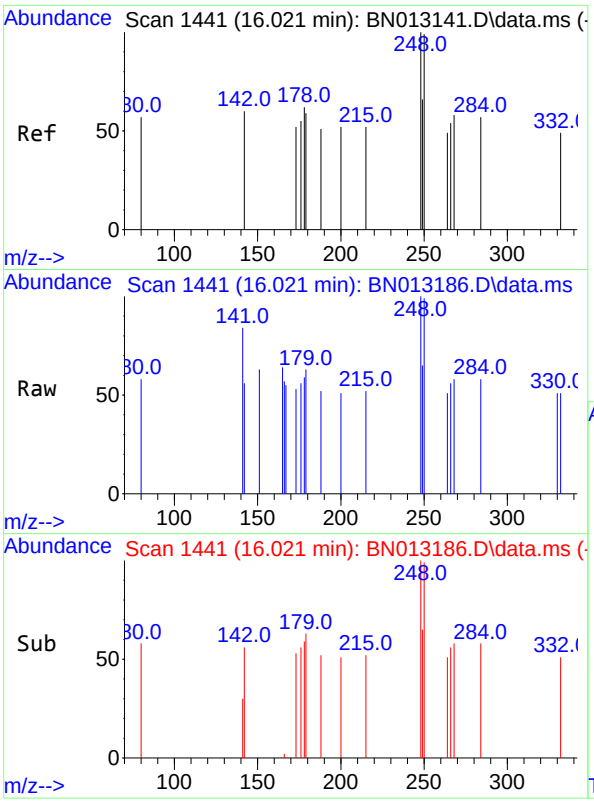


#20
4,6-Dinitro-2-methylphenol
Concen: 0.34 ng
RT: 15.247 min Scan# 1380
Delta R.T. 0.000 min
Lab File: BN013186.D
Acq: 17 Dec 2020 15:13

Tgt Ion:198 Resp: 115

Ion	Ratio	Lower	Upper
198	100		
51	148.6	43.5	65.3#
105	90.3	27.2	40.8#

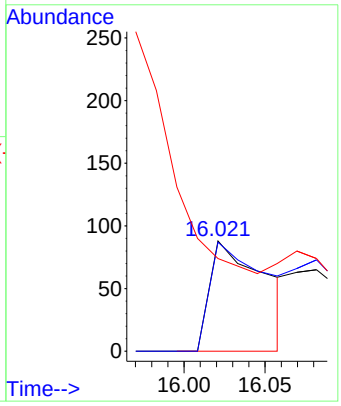




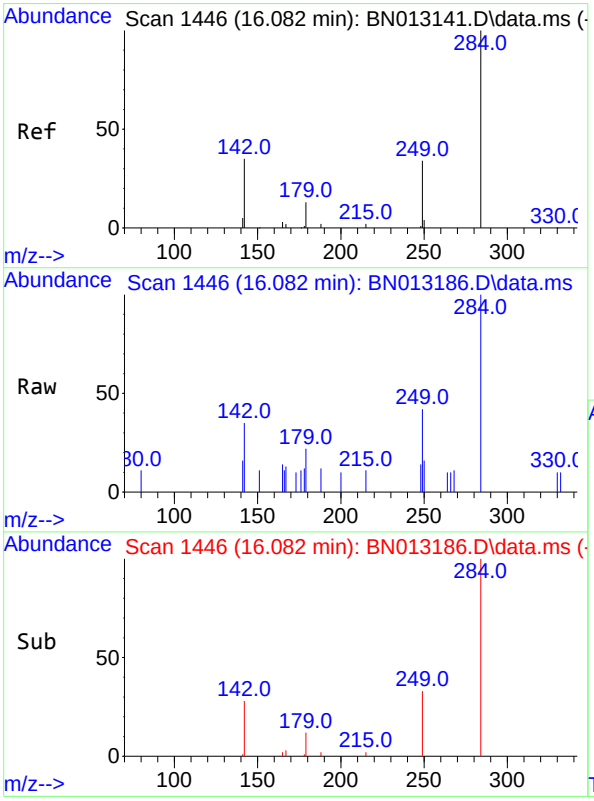
#21
4-Bromophenyl-phenylether
Concen: 0.39 ng
RT: 16.021 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BN013186.D
Acq: 17 Dec 2020 15:13

Tgt Ion:248 Resp: 209

Ion	Ratio	Lower	Upper
248	100		
250	98.9	77.3	115.9
141	84.1	57.8	86.8



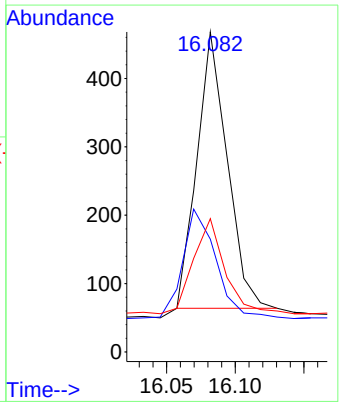
Instrument :
BNA_N
ClientSampleId :

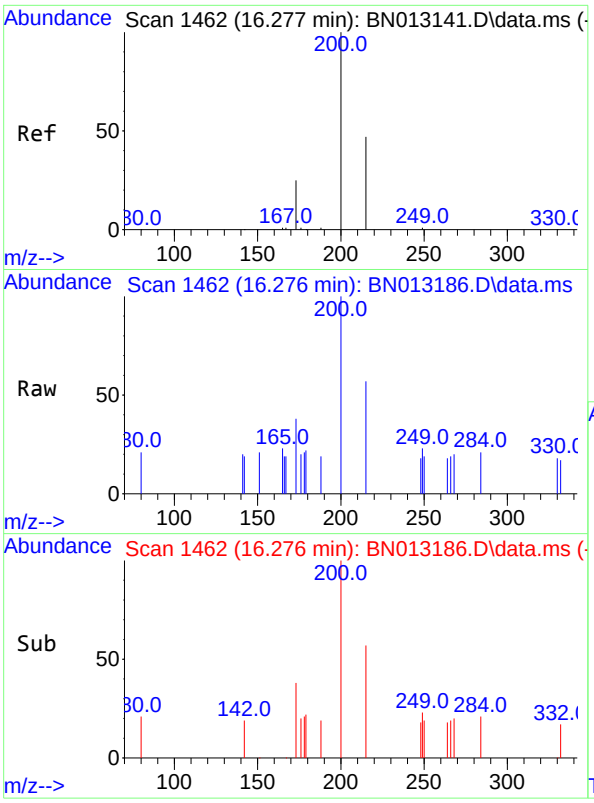


#22
Hexachlorobenzene
Concen: 0.33 ng
RT: 16.082 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BN013186.D
Acq: 17 Dec 2020 15:13

Tgt Ion:284 Resp: 621

Ion	Ratio	Lower	Upper
284	100		
142	36.9	32.0	48.0
249	32.0	27.0	40.6

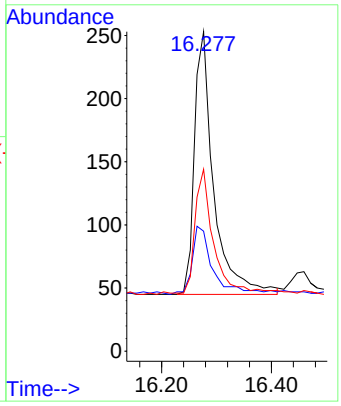




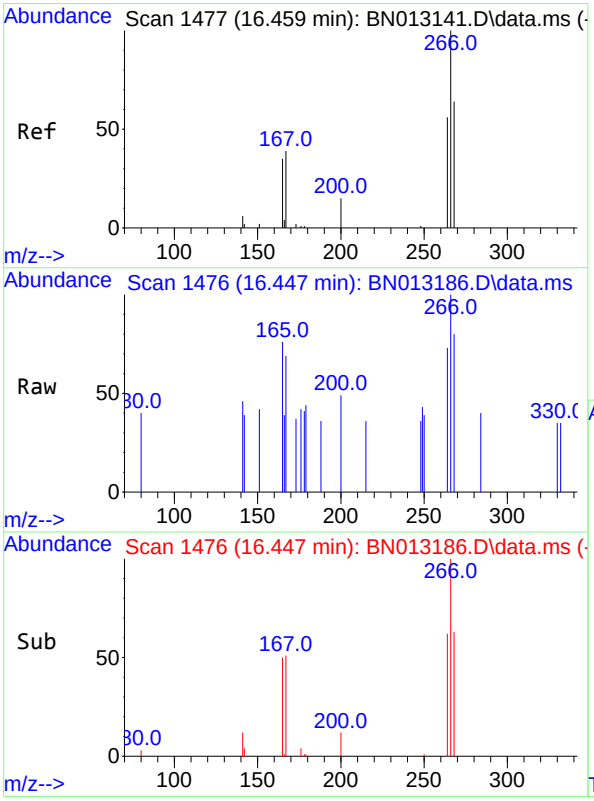
#23
Atrazine
Concen: 0.31 ng
RT: 16.276 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BN013186.D
Acq: 17 Dec 2020 15:13

Tgt Ion:200 Resp: 507

Ion	Ratio	Lower	Upper
200	100		
173	37.5	22.8	34.2#
215	56.9	38.1	57.1



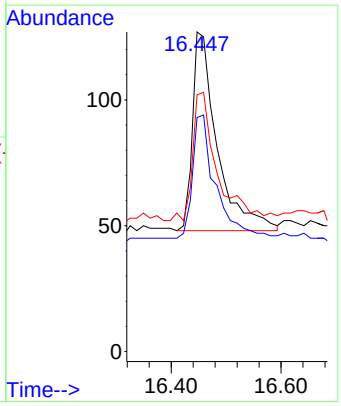
Instrument :
BNA_N
ClientSampleId :



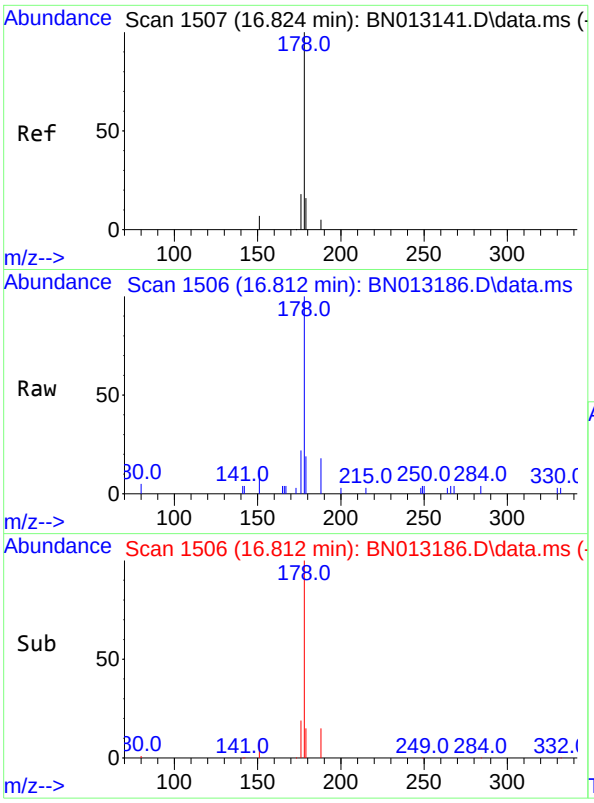
#24
Pentachlorophenol
Concen: 0.32 ng
RT: 16.447 min Scan# 1476
Delta R.T. -0.012 min
Lab File: BN013186.D
Acq: 17 Dec 2020 15:13

Tgt Ion:266 Resp: 247

Ion	Ratio	Lower	Upper
266	100		
264	58.3	50.9	76.3
268	64.0	51.5	77.3



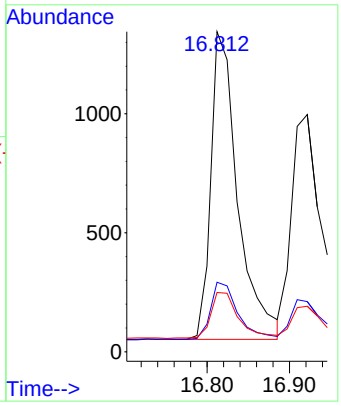
Instrument :
BNA_N
ClientSampleId :

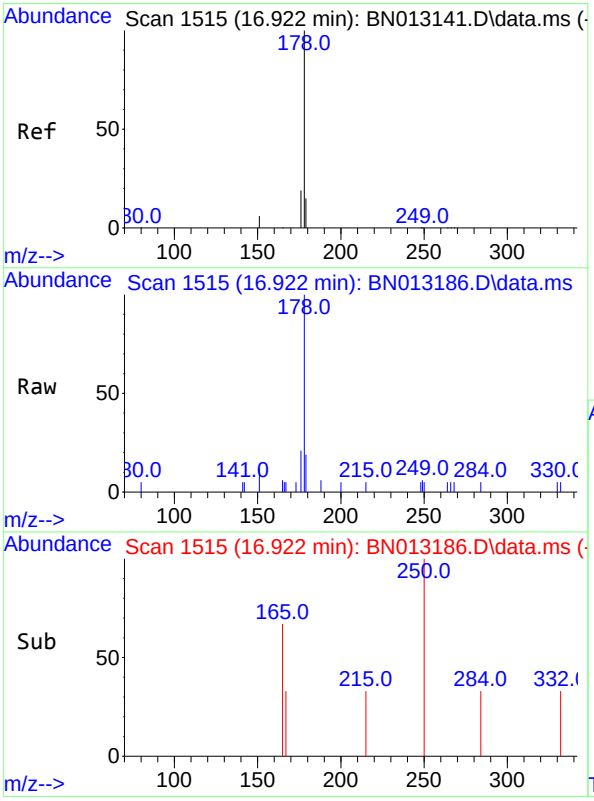


#25
Phenanthrene
Concen: 0.33 ng
RT: 16.812 min Scan# 1506
Delta R.T. -0.012 min
Lab File: BN013186.D
Acq: 17 Dec 2020 15:13

Tgt Ion:178 Resp: 2938

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.8	22.2
179	15.6	12.4	18.6

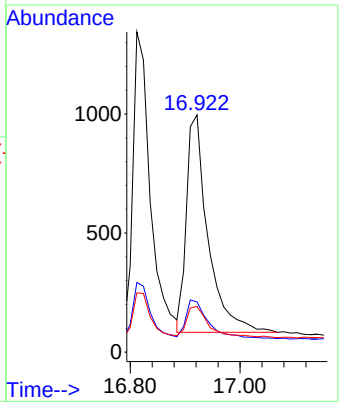


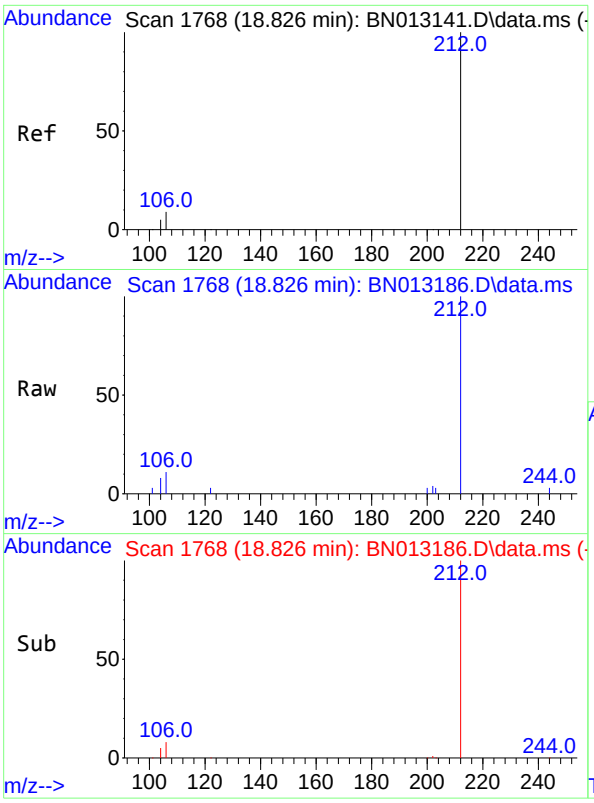


#26
Anthracene
Concen: 0.32 ng
RT: 16.922 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BN013186.D
Acq: 17 Dec 2020 15:13

Tgt Ion:178 Resp: 2493

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.8	22.2
179	14.9	12.5	18.7

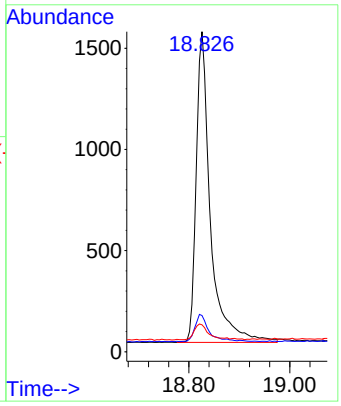




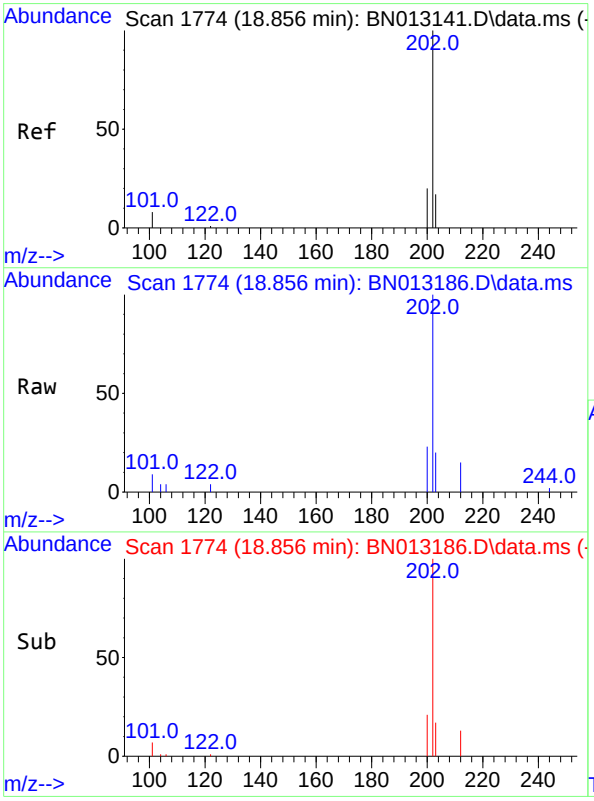
#27
Fluoranthene-d10
Concen: 0.34 ng
RT: 18.826 min Scan# 1768
Delta R.T. 0.000 min
Lab File: BN013186.D
Acq: 17 Dec 2020 15:13

Tgt Ion:212 Resp: 2997

Ion	Ratio	Lower	Upper
212	100		
106	8.5	6.8	10.2
104	5.0	4.1	6.1



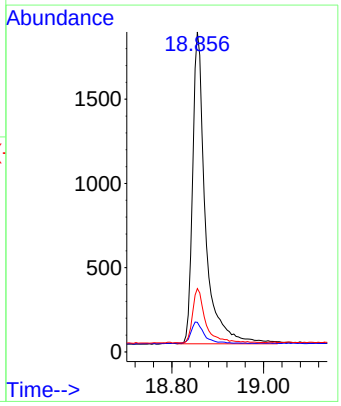
Instrument :
BNA_N
ClientSampleId :



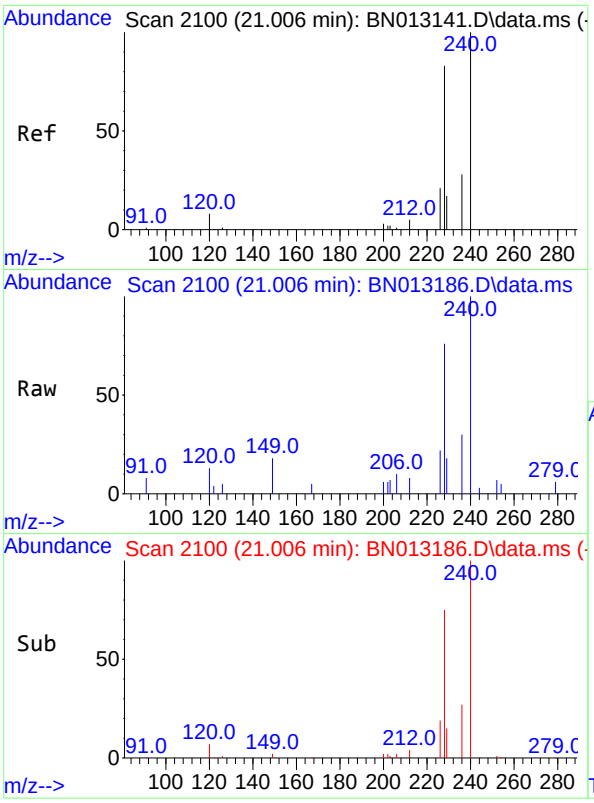
#28
Fluoranthene
Concen: 0.33 ng
RT: 18.856 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BN013186.D
Acq: 17 Dec 2020 15:13

Tgt Ion:202 Resp: 3589

Ion	Ratio	Lower	Upper
202	100		
101	7.2	5.8	8.6
203	17.6	13.7	20.5



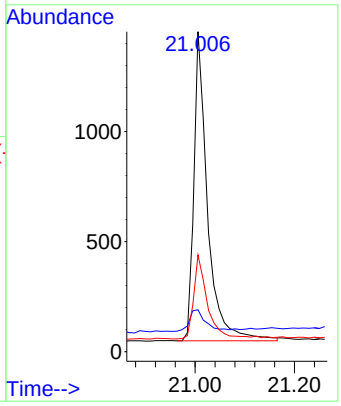
Instrument :
BNA_N
ClientSampleId :

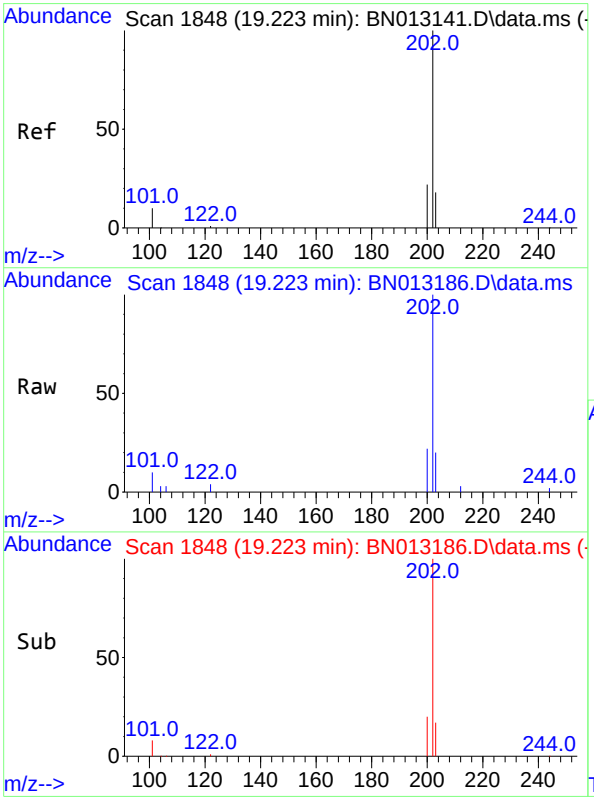


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.006 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BN013186.D
Acq: 17 Dec 2020 15:13

Tgt Ion:240 Resp: 2687

Ion	Ratio	Lower	Upper
240	100		
120	13.1	5.3	7.9#
236	30.2	21.8	32.8

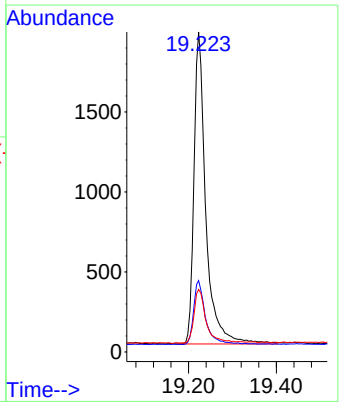


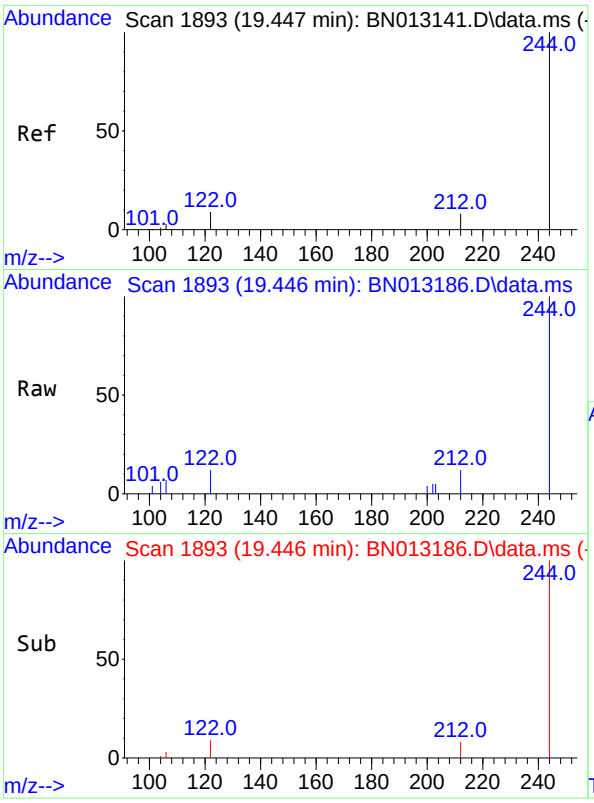


#30
Pyrene
Concen: 0.35 ng
RT: 19.223 min Scan# 1848
Delta R.T. 0.000 min
Lab File: BN013186.D
Acq: 17 Dec 2020 15:13

Tgt Ion:202 Resp: 3664

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.6	24.8
203	17.3	13.8	20.8

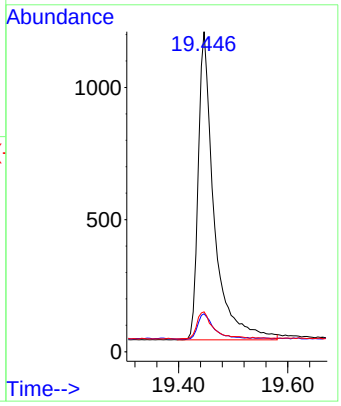




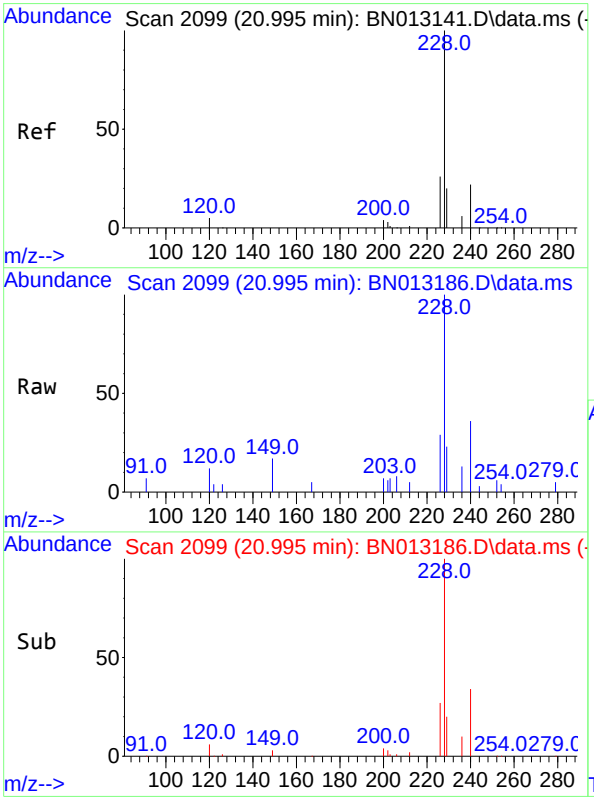
#31
Terphenyl-d14
Concen: 0.35 ng
RT: 19.446 min Scan# 1893
Delta R.T. -0.005 min
Lab File: BN013186.D
Acq: 17 Dec 2020 15:13

Tgt Ion:244 Resp: 2363

Ion	Ratio	Lower	Upper
244	100		
212	11.9	7.3	10.9#
122	12.5	7.3	10.9#



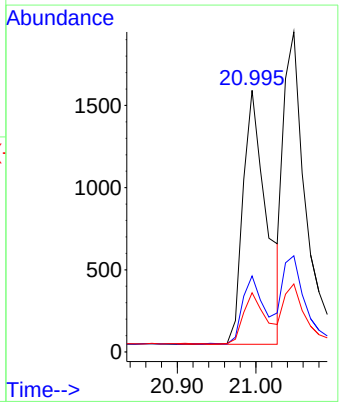
Instrument :
BNA_N
ClientSampleId :

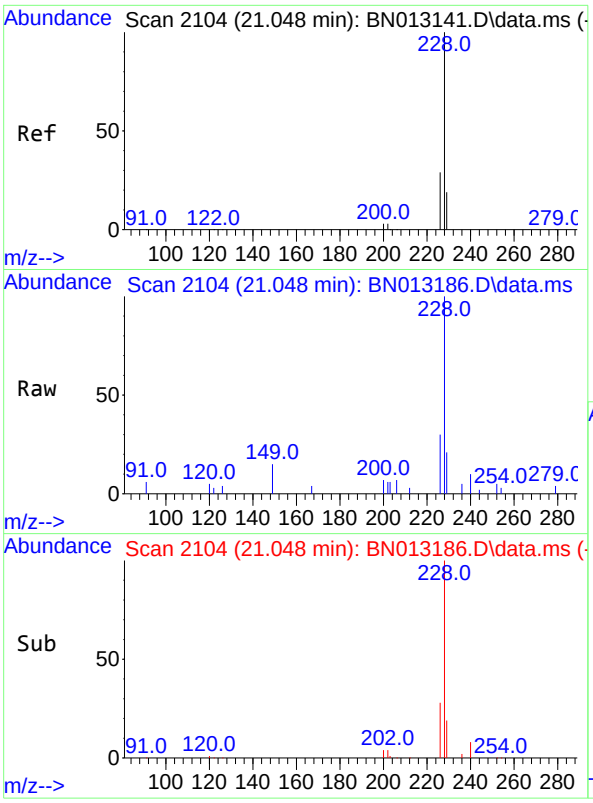


#32
Benzo(a)anthracene
Concen: 0.34 ng
RT: 20.995 min Scan# 2099
Delta R.T. 0.000 min
Lab File: BN013186.D
Acq: 17 Dec 2020 15:13

Tgt Ion:228 Resp: 3200

Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.3	33.5
229	22.7	15.7	23.5

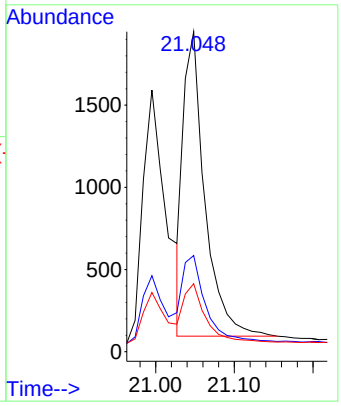




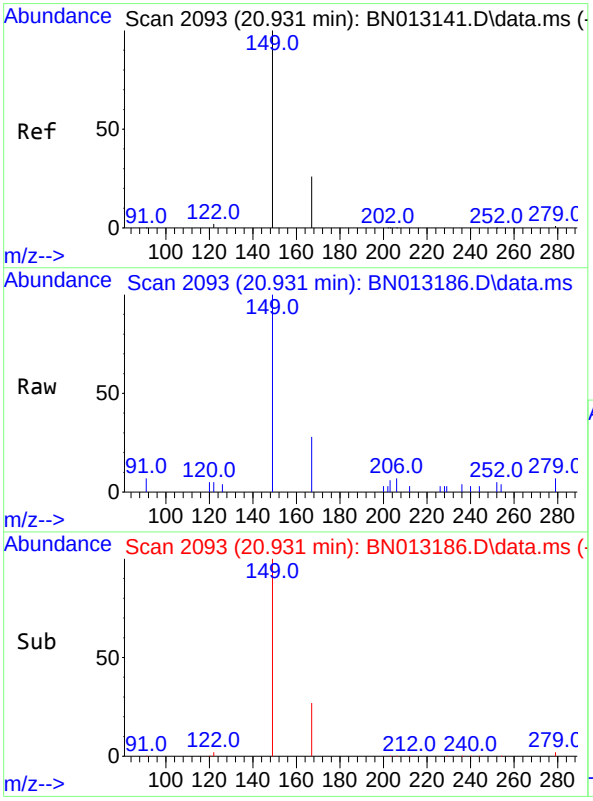
#33
Chrysene
Concen: 0.35 ng
RT: 21.048 min Scan# 2104
Delta R.T. 0.000 min
Lab File: BN013186.D
Acq: 17 Dec 2020 15:13

Tgt Ion:228 Resp: 3502

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.2	36.2
229	21.3	15.7	23.5



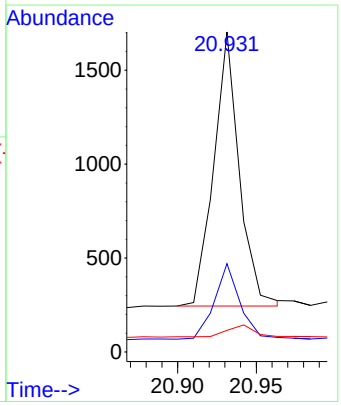
Instrument :
BNA_N
ClientSampleId :



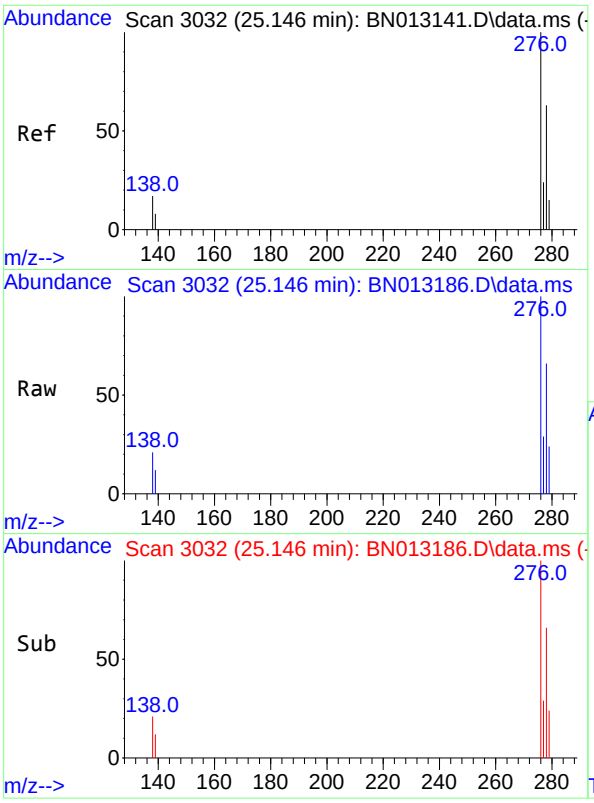
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.08 ng
RT: 20.931 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BN013186.D
Acq: 17 Dec 2020 15:13

Tgt Ion:149 Resp: 1643

Ion	Ratio	Lower	Upper
149	100		
167	27.6	23.2	34.8
279	4.3	3.9	5.9



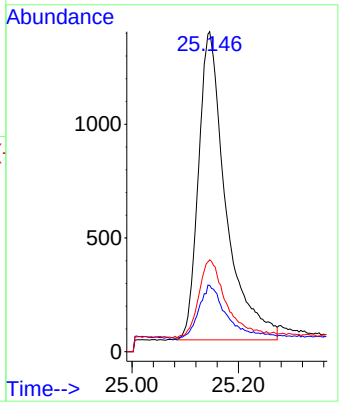
Instrument :
BNA_N
ClientSampleId :

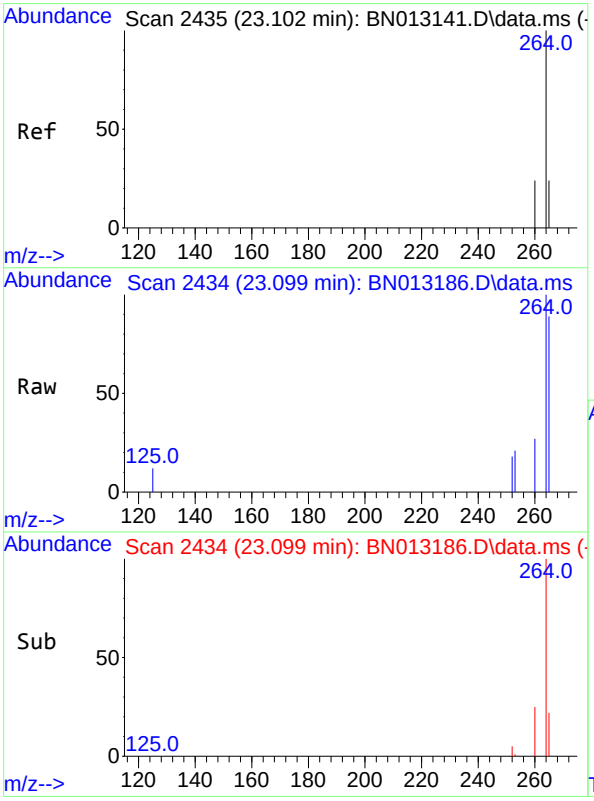


#35
Indeno(1,2,3-cd)pyrene
Concen: 0.35 ng
RT: 25.146 min Scan# 3032
Delta R.T. 0.000 min
Lab File: BN013186.D
Acq: 17 Dec 2020 15:13

Tgt Ion:276 Resp: 4833

Ion	Ratio	Lower	Upper
276	100		
138	15.4	13.3	19.9
277	23.3	20.2	30.4

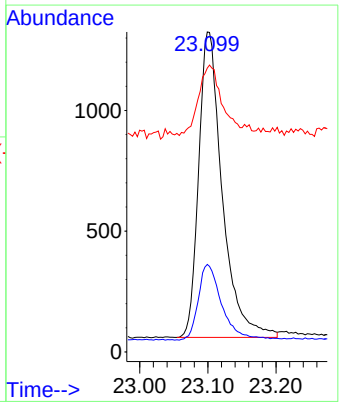


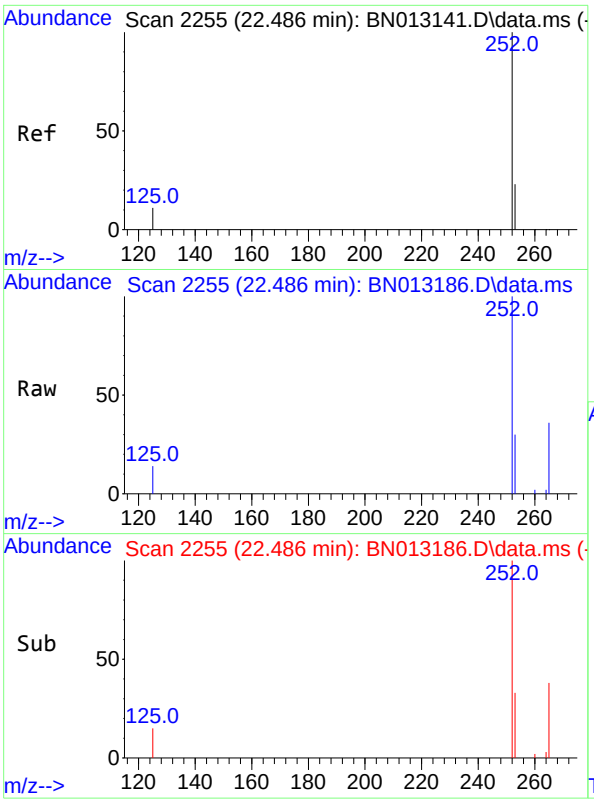


#36
Perylene-d12
Concen: 0.40 ng
RT: 23.099 min Scan# 2434
Delta R.T. 0.000 min
Lab File: BN013186.D
Acq: 17 Dec 2020 15:13

Tgt Ion:264 Resp: 3050

Ion	Ratio	Lower	Upper
264	100		
260	27.3	19.8	29.6
265	88.7	51.4	77.0#

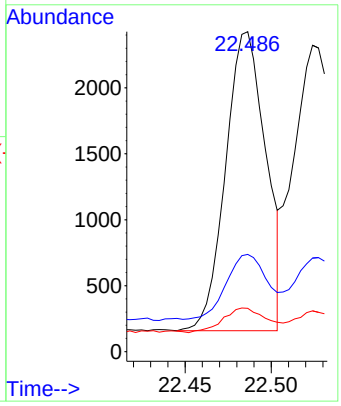




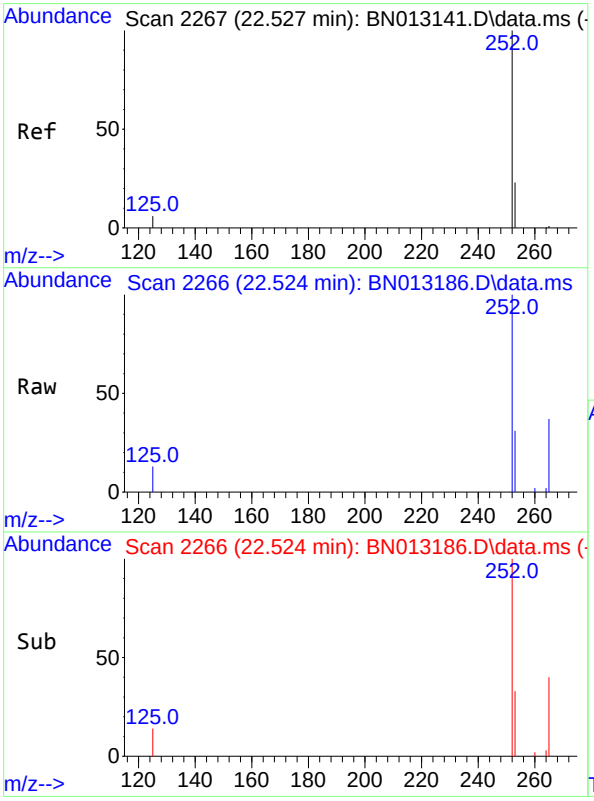
#37
Benzo(b)fluoranthene
Concen: 0.34 ng
RT: 22.486 min Scan# 2255
Delta R.T. 0.004 min
Lab File: BN013186.D
Acq: 17 Dec 2020 15:13

Tgt Ion:252 Resp: 3676

Ion	Ratio	Lower	Upper
252	100		
253	30.4	20.1	30.1#
125	13.6	7.2	10.8#



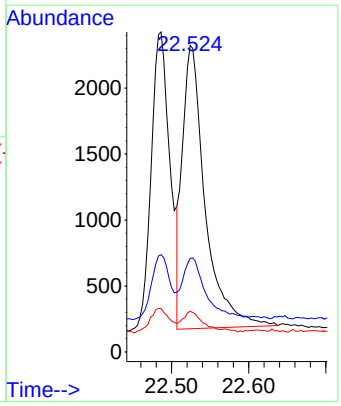
Instrument :
BNA_N
ClientSampleId :



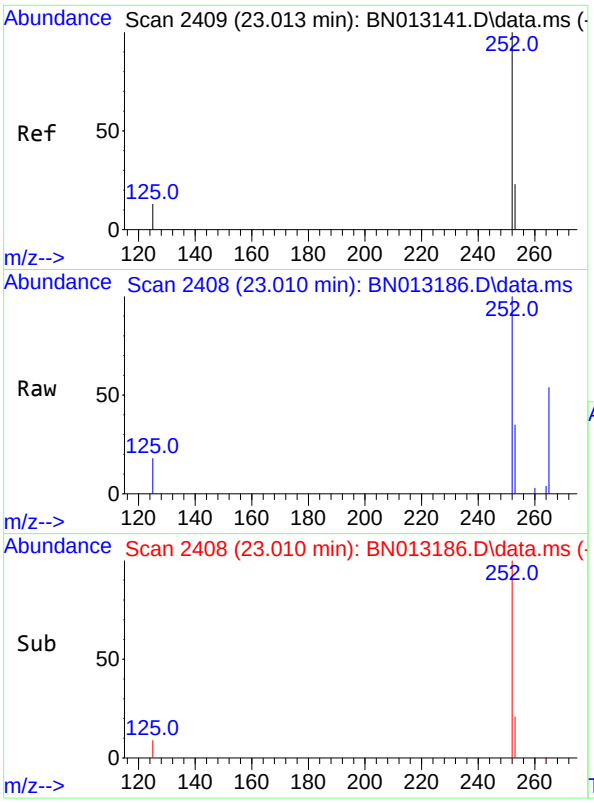
#38
Benzo(k)fluoranthene
Concen: 0.36 ng
RT: 22.524 min Scan# 2266
Delta R.T. 0.000 min
Lab File: BN013186.D
Acq: 17 Dec 2020 15:13

Tgt Ion:252 Resp: 4391

Ion	Ratio	Lower	Upper
252	100		
253	30.5	19.8	29.8#
125	13.3	7.1	10.7#



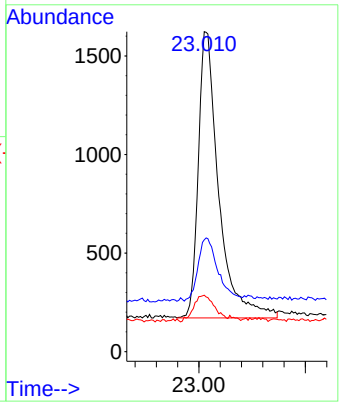
Instrument :
BNA_N
ClientSampleId :

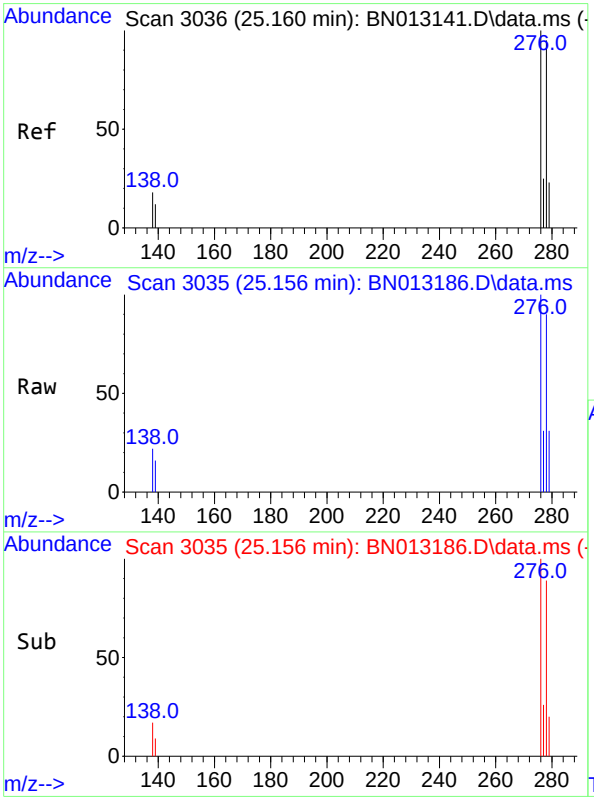


#39
Benzo(a)pyrene
Concen: 0.36 ng
RT: 23.010 min Scan# 2408
Delta R.T. -0.003 min
Lab File: BN013186.D
Acq: 17 Dec 2020 15:13

Tgt Ion:252 Resp: 3864

Ion	Ratio	Lower	Upper
252	100		
253	34.9	21.3	31.9#
125	17.6	8.3	12.5#

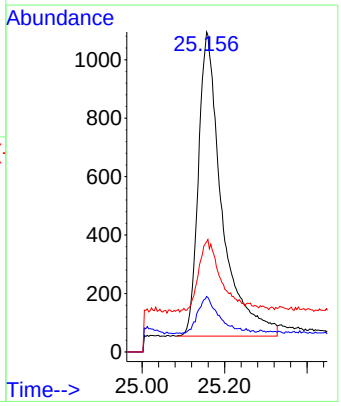


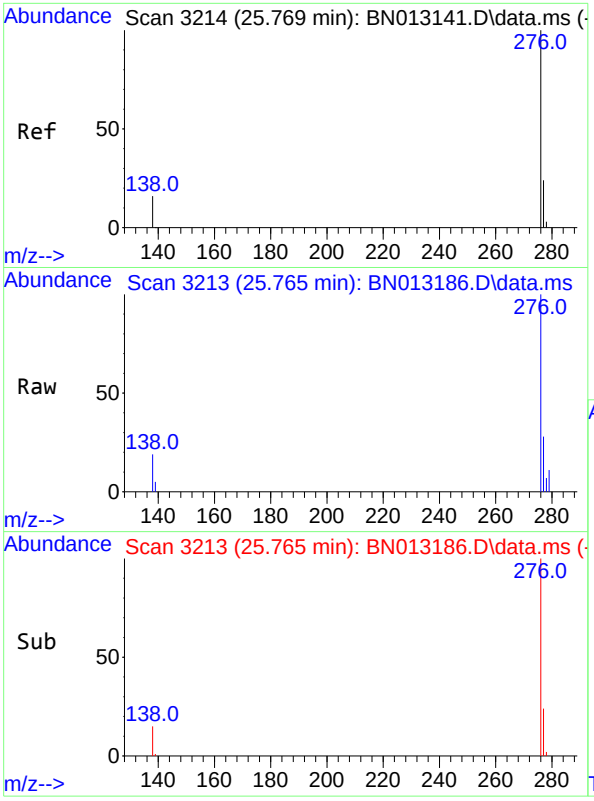


#40
Dibenzo(a,h)anthracene
Concen: 0.35 ng
RT: 25.156 min Scan# 3035
Delta R.T. -0.007 min
Lab File: BN013186.D
Acq: 17 Dec 2020 15:13

Tgt Ion:278 Resp: 4095

Ion	Ratio	Lower	Upper
278	100		
139	17.4	9.3	13.9#
279	34.4	21.6	32.4#

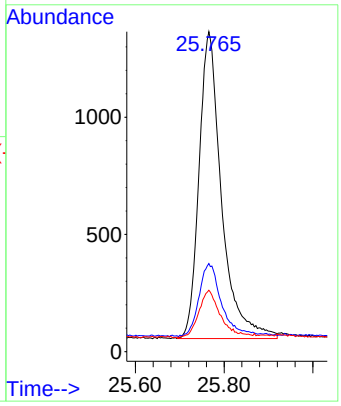




#41
Benzo(g,h,i)perylene
Concen: 0.37 ng
RT: 25.765 min Scan# 3213
Delta R.T. 0.000 min
Lab File: BN013186.D
Acq: 17 Dec 2020 15:13

Tgt Ion:276 Resp: 4610

Ion	Ratio	Lower	Upper
276	100		
277	27.5	19.8	29.8
138	19.2	11.7	17.5#



Instrument :
BNA_N
ClientSampleId :