Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110220\
Data File : BN012488.D
Acq On : 02 Nov 2020 13:28
Operator : CG/JU
Sample : PB132704BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB132704BS

Quant Time: Nov 02 14:10:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN103020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 30 14:49:10 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.570	152	756	0.40	ng	# 0.00
7) Naphthalene-d8	10.339	136	3200	0.40	ng	# 0.00
13) Acenaphthene-d10	14.205	164	1768	0.40	ng	-0.01
19) Phenanthrene-d10	16.956	188	3616	0.40	ng	#-0.01
29) Chrysene-d12	21.174	240	3672	0.40	ng	0.00
36) Perylene-d12	23.340	264	4392	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.186	112	1046	0.39	ng	0.00
5) Phenol-d6	6.749	99	1232	0.38	ng	0.00
8) Nitrobenzene-d5	8.717	82	1135	0.31	ng	-0.01
11) 2-Methylnaphthalene-d10	11.935	152	2040	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.714	330	458	0.38	ng	0.00
15) 2-Fluorobiphenyl	12.822	172	2311	0.35	ng	-0.01
27) Fluoranthene-d10	19.003	212	3226	0.29	ng	0.00
31) Terphenyl-d14	19.613	244	3525	0.41	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.157	88	466	0.37	ng	# 1
3) n-Nitrosodimethylamine	3.479	42	982	0.31	ng	# 68
6) bis(2-Chloroethyl)ether	7.006	93	602	0.28	ng	# 83
9) Naphthalene	10.377	128	2652	0.29	ng	96
10) Hexachlorobutadiene	10.668	225	522	0.28	ng	# 98
12) 2-Methylnaphthalene	12.011	142	1775	0.30	ng	# 86
16) Acenaphthylene	13.925	152	2605	0.30	ng	99
17) Acenaphthene	14.268	154	1654	0.29	ng	93
18) Fluorene	15.270	166	2060	0.29	ng	98
20) 4,6-Dinitro-2-methylph...	15.372	198	203	0.30	ng	# 3
21) 4-Bromophenyl-phenylether	16.165	248	589	0.27	ng	96
22) Hexachlorobenzene	16.274	284	761	0.28	ng	# 81
23) Atrazine	16.445	200	560	0.27	ng	91
24) Pentachlorophenol	16.615	266	751	0.60	ng	96
25) Phenanthrene	17.005	178	3116	0.29	ng	98
26) Anthracene	17.090	178	2913	0.29	ng	99
28) Fluoranthene	19.032	202	3714	0.29	ng	99
30) Pyrene	19.400	202	3855	0.31	ng	98
32) Benzo(a)anthracene	21.152	228	3617	0.32	ng	98
33) Chrysene	21.205	228	3759	0.30	ng	98
34) Bis(2-ethylhexyl)phtha...	21.089	149	2140	0.29	ng	93
35) Indeno(1,2,3-cd)pyrene	25.496	276	5765	0.32	ng	96
37) Benzo(b)fluoranthene	22.696	252	4268	0.30	ng	# 88
38) Benzo(k)fluoranthene	22.738	252	4516	0.30	ng	# 90
39) Benzo(a)pyrene	23.244	252	3968	0.29	ng	# 86
40) Dibenzo(a,h)anthracene	25.510	278	4774	0.31	ng	# 91
41) Benzo(g,h,i)perylene	26.154	276	5043	0.32	ng	98

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

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Misc :
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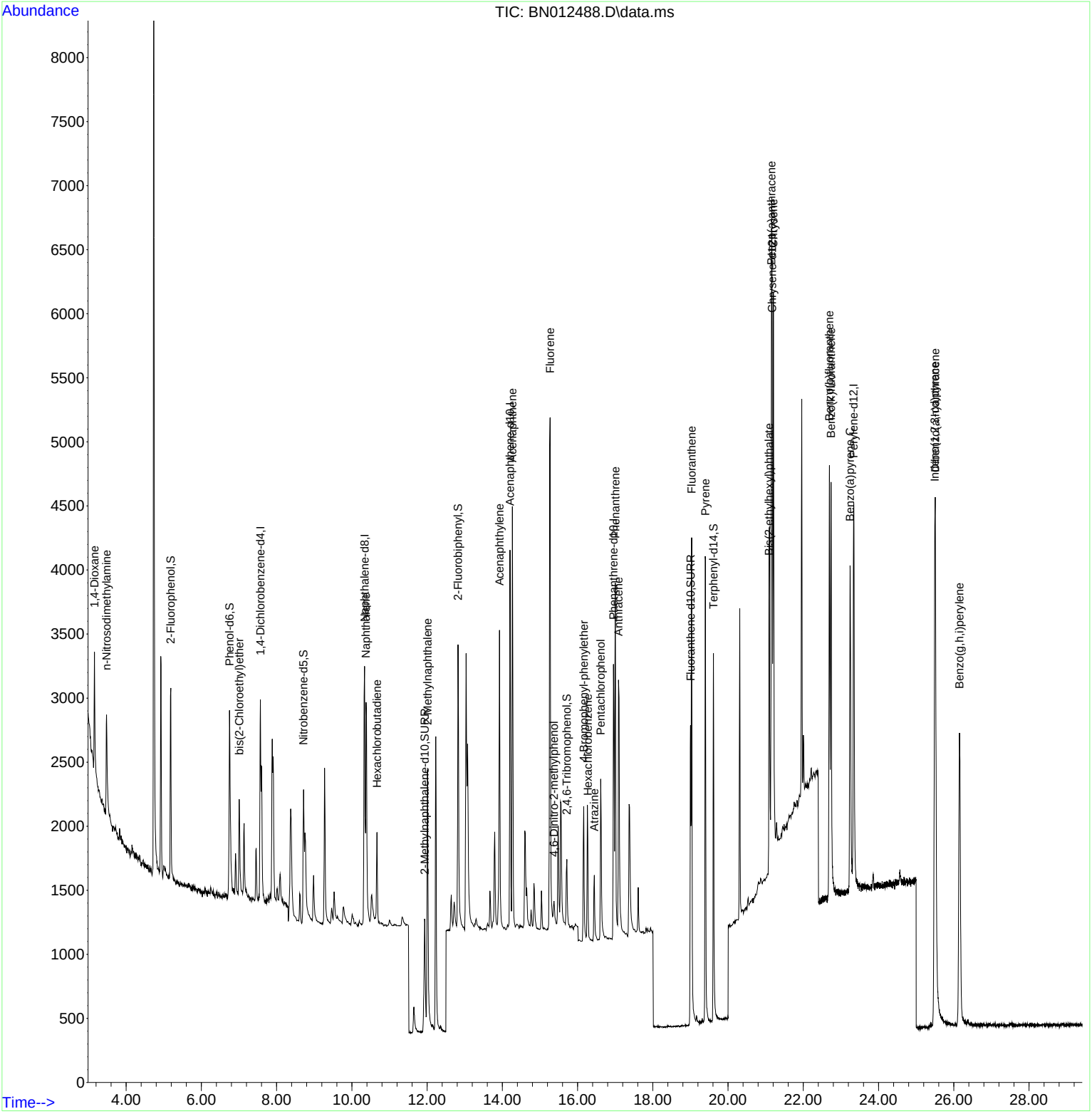
Instrument :
BNA_N
ClientSampleId :
PB132704BS

Quant Time: Nov 02 14:10:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN103020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 30 14:49:10 2020
Response via : Initial Calibration



Instrument :
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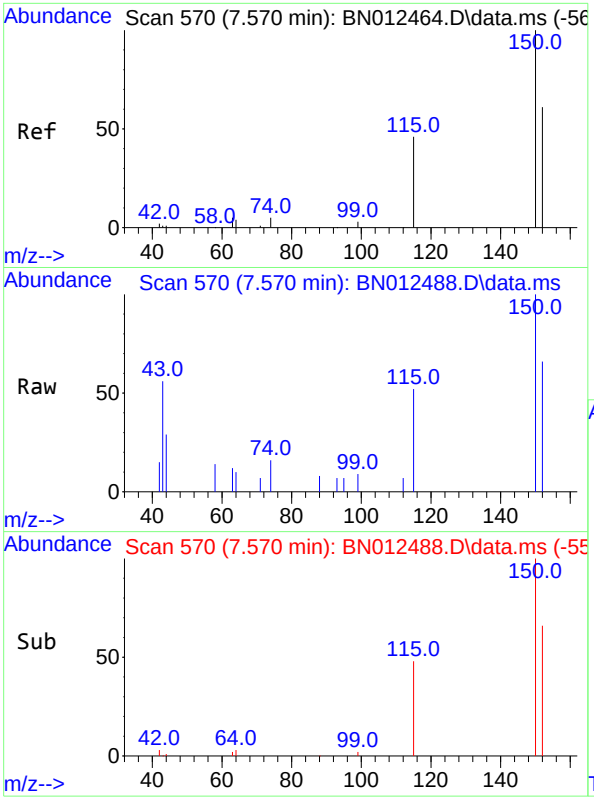
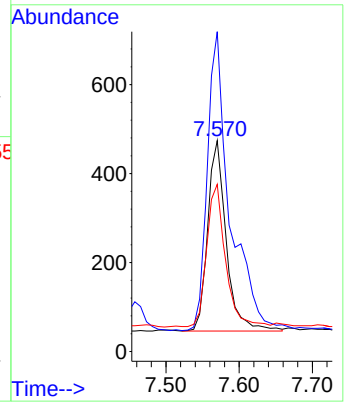
ClientSampleId :
PB132704BS

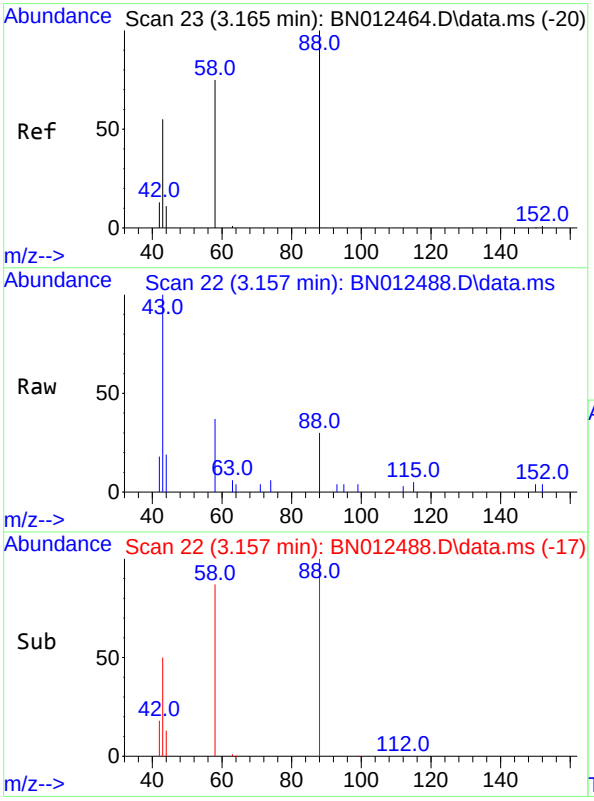


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.570 min Scan# 570
Delta R.T. 0.000 min
Lab File: BN012488.D
Acq: 02 Nov 2020 13:28

Tgt Ion:152 Resp: 756

Ion	Ratio	Lower	Upper
152	100		
150	151.7	116.6	174.8
115	79.3	52.9	79.3#

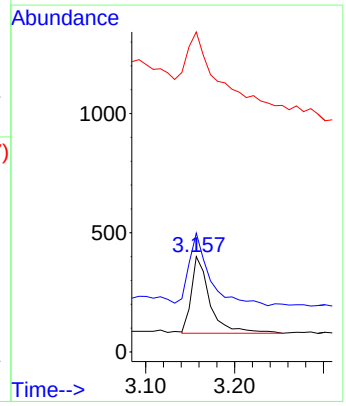




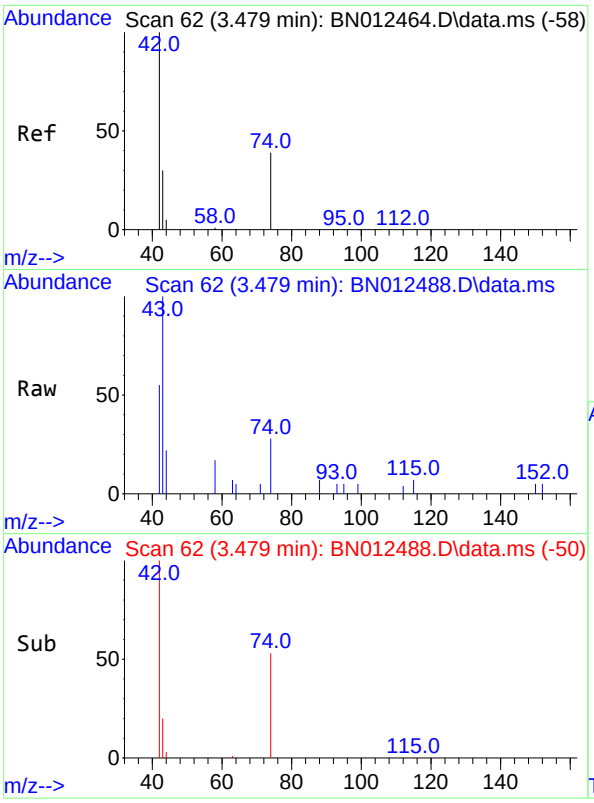
#2
1,4-Dioxane
Concen: 0.37 ng
RT: 3.157 min Scan# 22
Delta R.T. -0.008 min
Lab File: BN012488.D
Acq: 02 Nov 2020 13:28

Tgt Ion: 88 Resp: 466

Ion	Ratio	Lower	Upper
88	100		
58	106.0	59.4	89.2#
43	324.9	32.3	48.5#



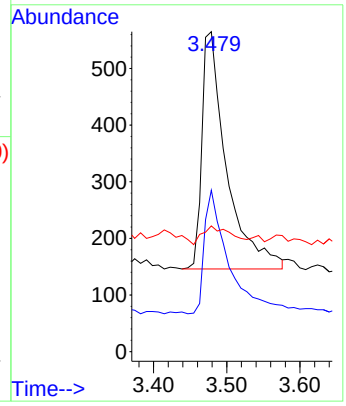
Instrument :
BNA_N
ClientSampleId :
PB132704BS

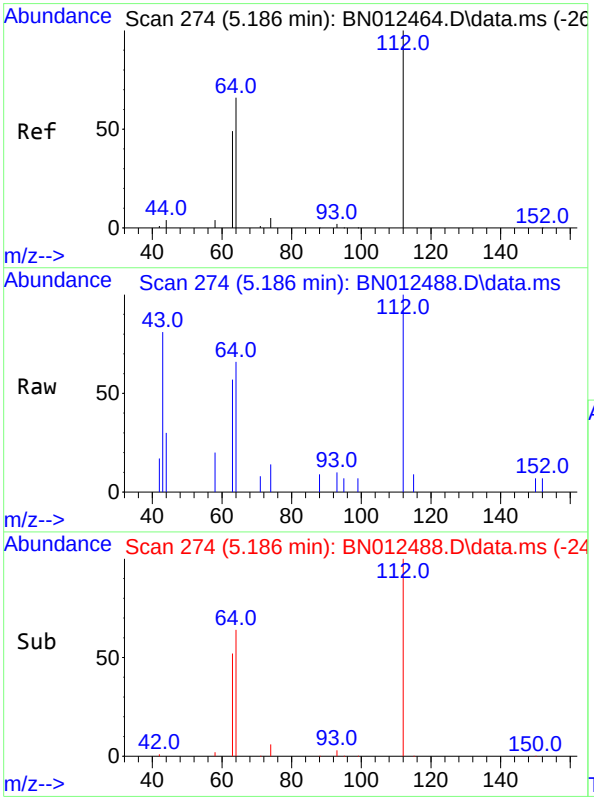


#3
n-Nitrosodimethylamine
Concen: 0.31 ng
RT: 3.479 min Scan# 62
Delta R.T. 0.000 min
Lab File: BN012488.D
Acq: 02 Nov 2020 13:28

Tgt Ion: 42 Resp: 982

Ion	Ratio	Lower	Upper
42	100		
74	51.4	64.4	96.6#
44	8.9	2.8	4.2#

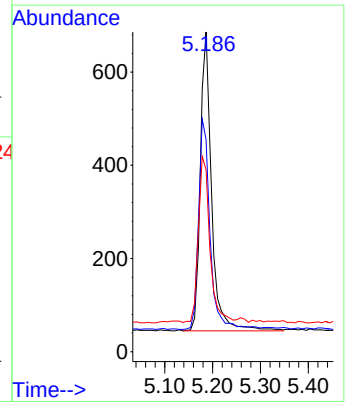




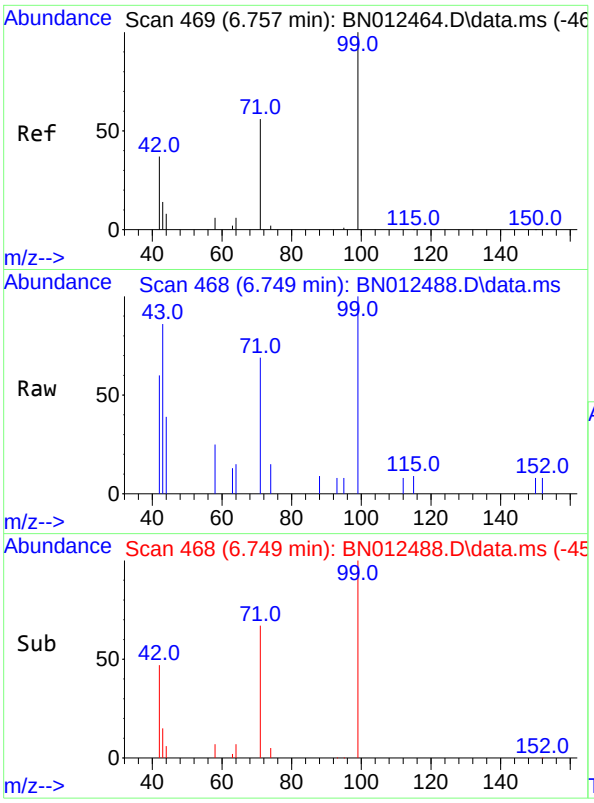
#4
2-Fluorophenol
Concen: 0.39 ng
RT: 5.186 min Scan# 274
Delta R.T. 0.000 min
Lab File: BN012488.D
Acq: 02 Nov 2020 13:28

Tgt Ion:112 Resp: 1046

Ion	Ratio	Lower	Upper
112	100		
64	72.2	49.5	74.3
63	56.8	32.0	48.0#



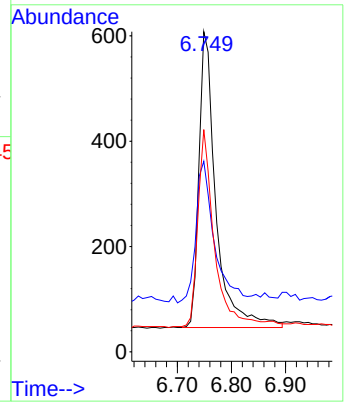
Instrument :
BNA_N
ClientSampleId :
PB132704BS

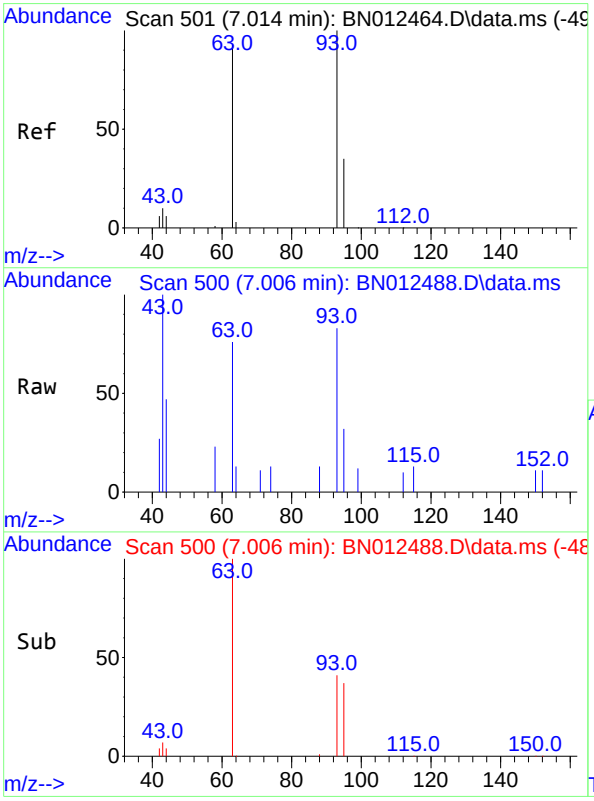


#5
Phenol-d6
Concen: 0.38 ng
RT: 6.749 min Scan# 468
Delta R.T. -0.008 min
Lab File: BN012488.D
Acq: 02 Nov 2020 13:28

Tgt Ion: 99 Resp: 1232

Ion	Ratio	Lower	Upper
99	100		
42	51.8	22.4	33.6#
71	65.1	37.8	56.6#

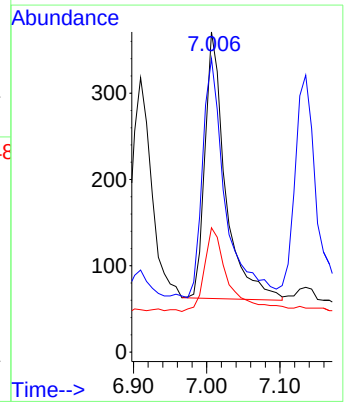




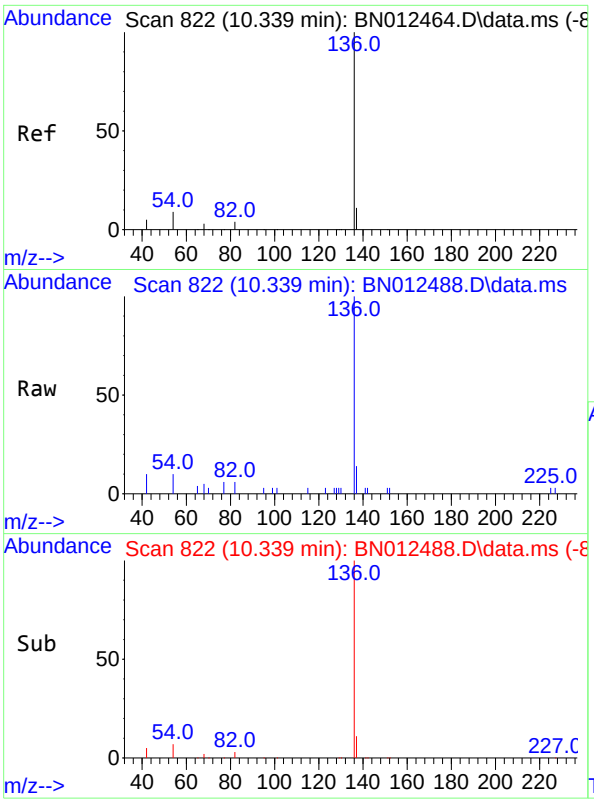
#6
bis(2-Chloroethyl)ether
Concen: 0.28 ng
RT: 7.006 min Scan# 500
Delta R.T. -0.008 min
Lab File: BN012488.D
Acq: 02 Nov 2020 13:28

Tgt Ion: 93 Resp: 602

Ion	Ratio	Lower	Upper
93	100		
63	97.3	63.1	94.7#
95	36.9	26.1	39.1



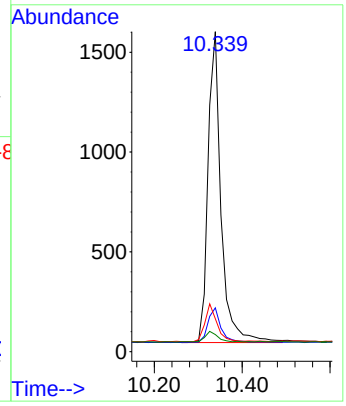
Instrument :
BNA_N
ClientSampleId :
PB132704BS

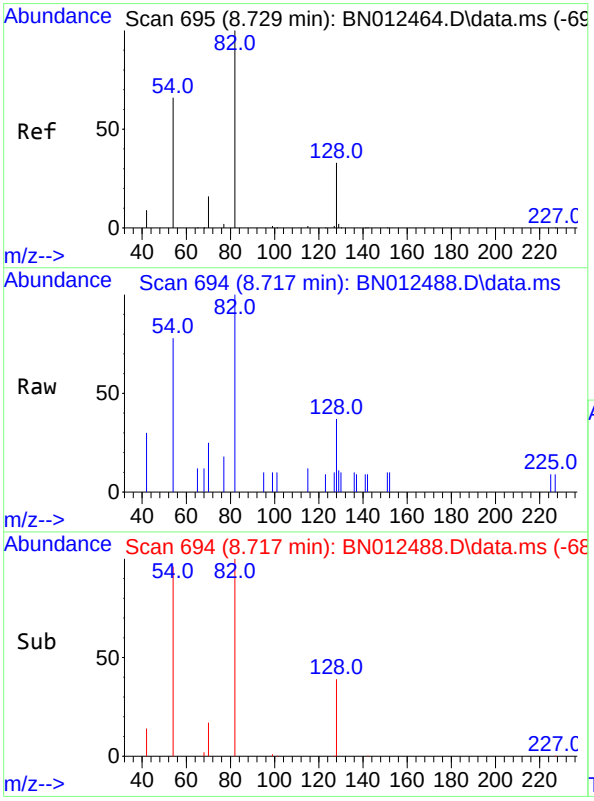


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.339 min Scan# 822
Delta R.T. 0.000 min
Lab File: BN012488.D
Acq: 02 Nov 2020 13:28

Tgt Ion:136 Resp: 3200

Ion	Ratio	Lower	Upper
136	100		
137	13.7	10.6	15.8
54	10.3	8.6	12.8
68	5.4	5.7	8.5#

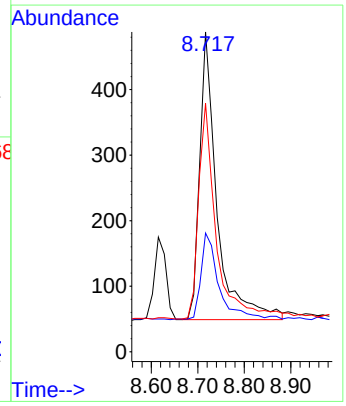




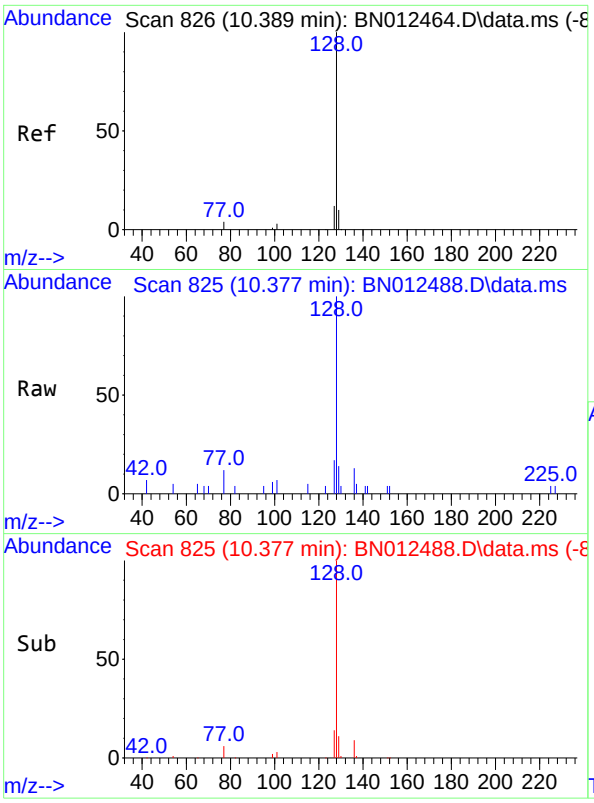
#8
Nitrobenzene-d5
Concen: 0.31 ng
RT: 8.717 min Scan# 694
Delta R.T. -0.013 min
Lab File: BN012488.D
Acq: 02 Nov 2020 13:28

Tgt Ion: 82 Resp: 1135

Ion	Ratio	Lower	Upper
82	100		
128	37.1	30.6	46.0
54	77.7	48.3	72.5#



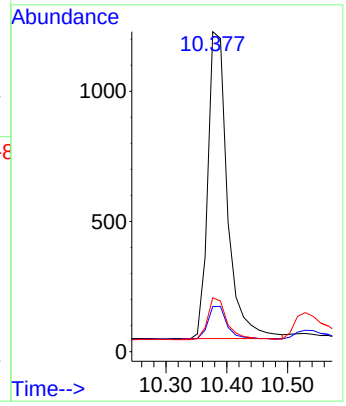
Instrument :
BNA_N
ClientSampleId :
PB132704BS

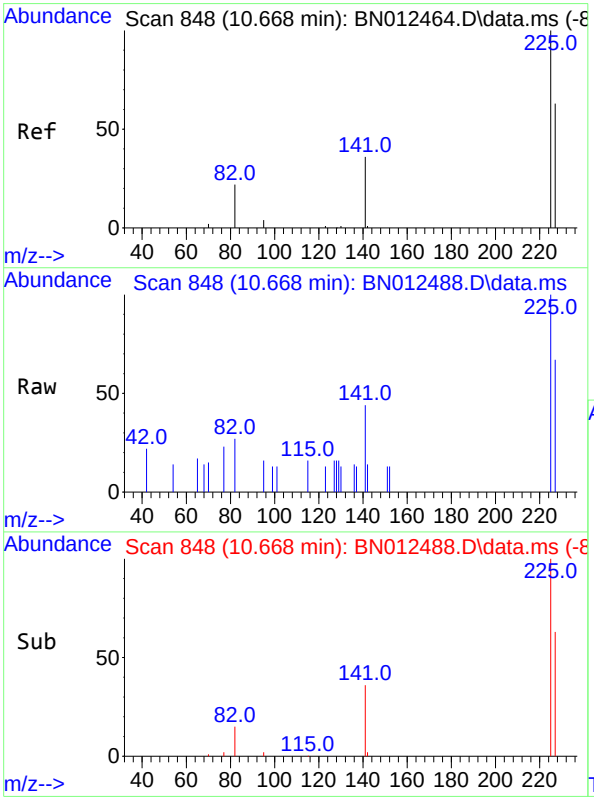


#9
Naphthalene
Concen: 0.29 ng
RT: 10.377 min Scan# 825
Delta R.T. -0.013 min
Lab File: BN012488.D
Acq: 02 Nov 2020 13:28

Tgt Ion:128 Resp: 2652

Ion	Ratio	Lower	Upper
128	100		
129	14.1	9.8	14.8
127	16.8	12.2	18.4

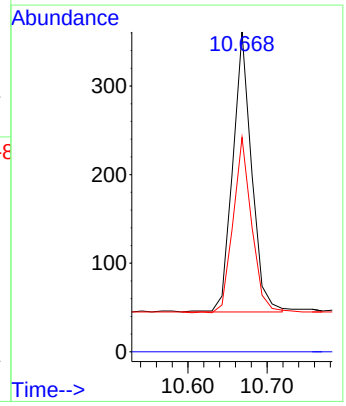




#10
Hexachlorobutadiene
Concen: 0.28 ng
RT: 10.668 min Scan# 848
Delta R.T. 0.000 min
Lab File: BN012488.D
Acq: 02 Nov 2020 13:28

Tgt Ion:225 Resp: 522

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	61.9	51.0	76.6



Instrument :
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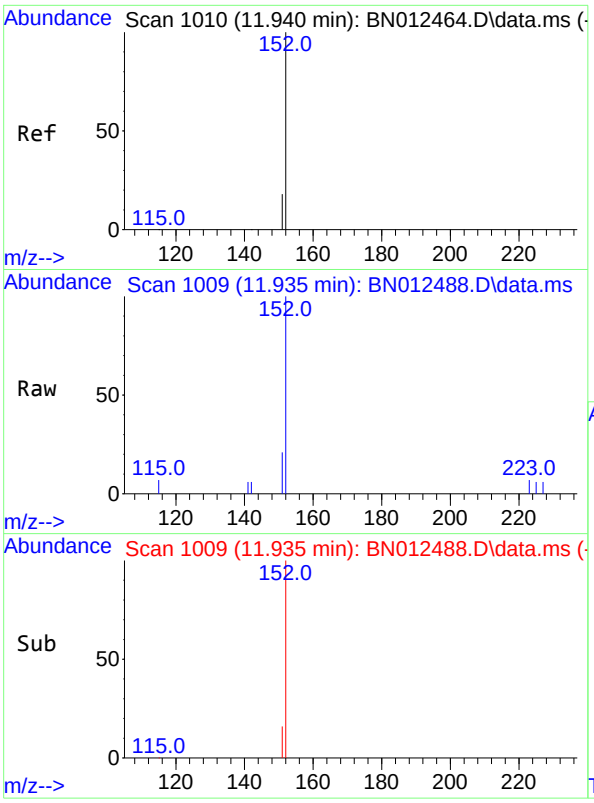
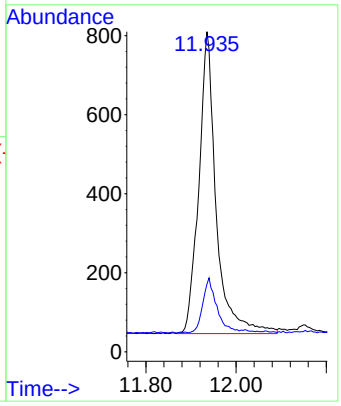
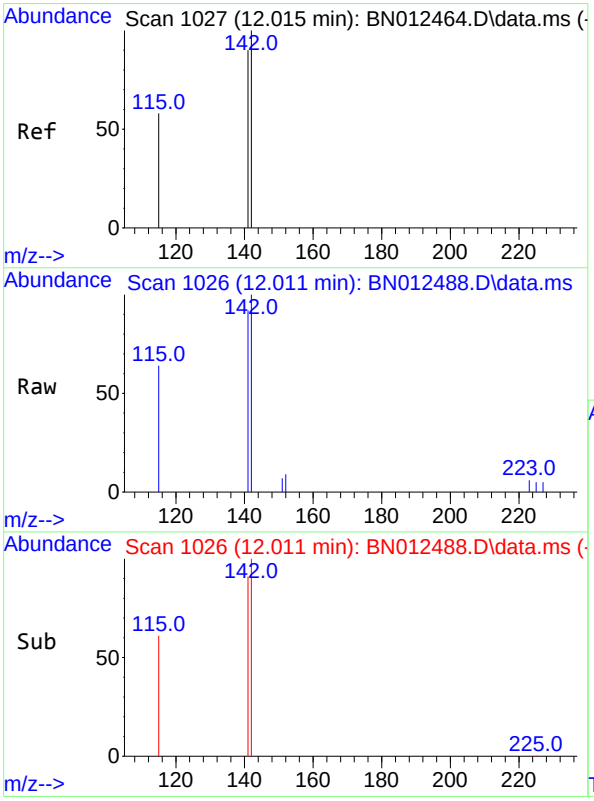


#11
2-Methylnaphthalene-d10
Concen: 0.39 ng
RT: 11.935 min Scan# 1009
Delta R.T. -0.004 min
Lab File: BN012488.D
Acq: 02 Nov 2020 13:28

Tgt Ion:152 Resp: 2040

Ion	Ratio	Lower	Upper
152	100		
151	14.6	16.7	25.1#

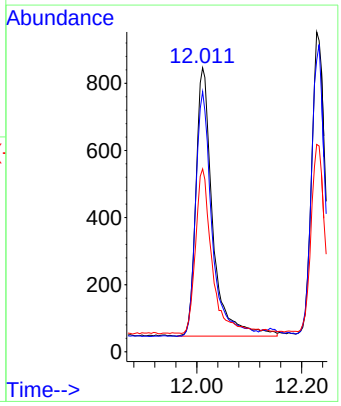




#12
2-Methylnaphthalene
Concen: 0.30 ng
RT: 12.011 min Scan# 1026
Delta R.T. -0.004 min
Lab File: BN012488.D
Acq: 02 Nov 2020 13:28

Tgt Ion:142 Resp: 1775

Ion	Ratio	Lower	Upper
142	100		
141	91.6	69.4	104.2
115	64.4	35.7	53.5#



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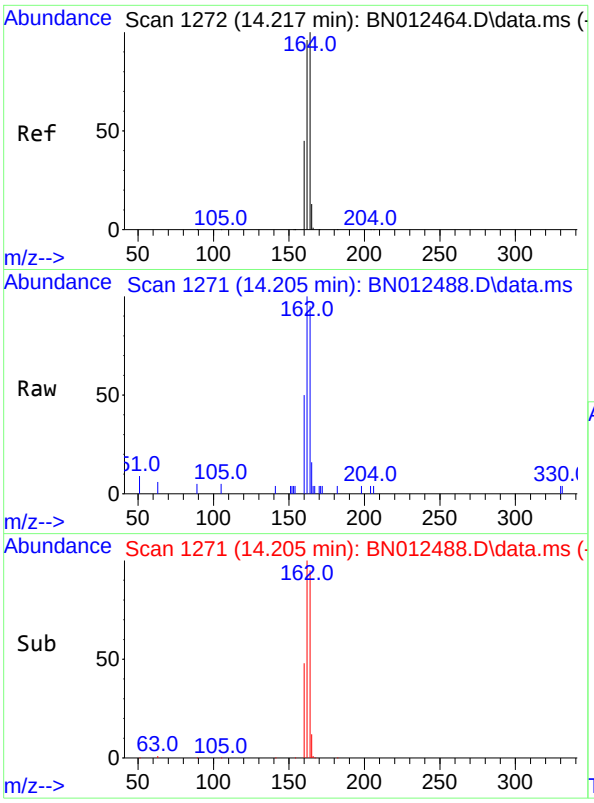
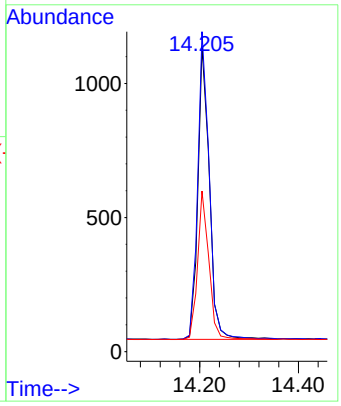
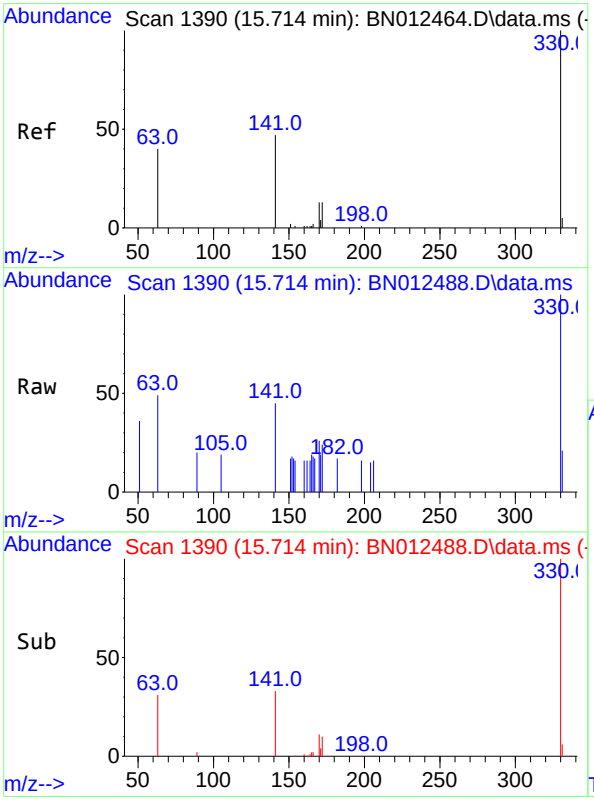


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.205 min Scan# 1271
Delta R.T. -0.012 min
Lab File: BN012488.D
Acq: 02 Nov 2020 13:28

Tgt Ion:164 Resp: 1768

Ion	Ratio	Lower	Upper
164	100		
162	104.9	80.6	120.8
160	52.7	39.5	59.3

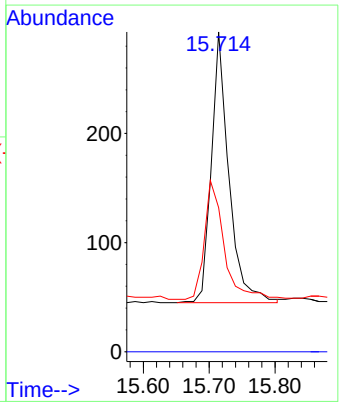




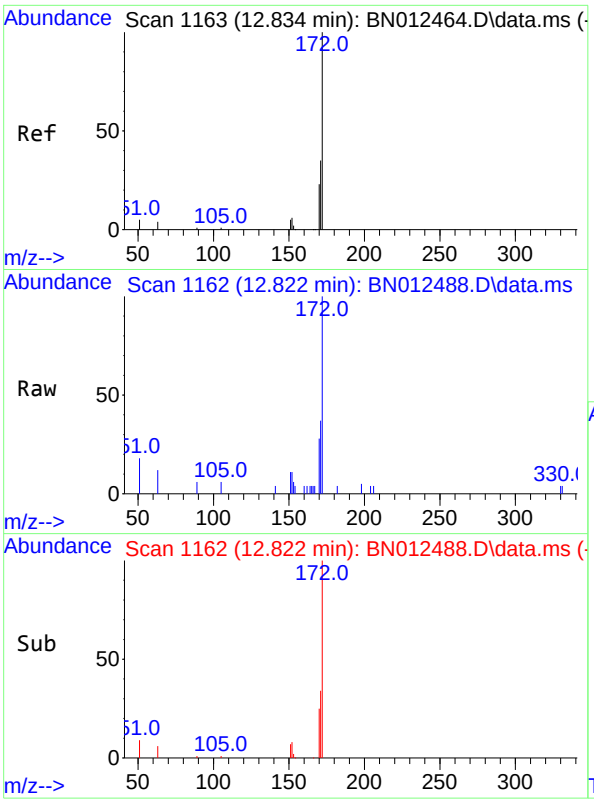
#14
2,4,6-Tribromophenol
Concen: 0.38 ng
RT: 15.714 min Scan# 1390
Delta R.T. 0.000 min
Lab File: BN012488.D
Acq: 02 Nov 2020 13:28

Tgt Ion:330 Resp: 458

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	49.1	34.4	51.6



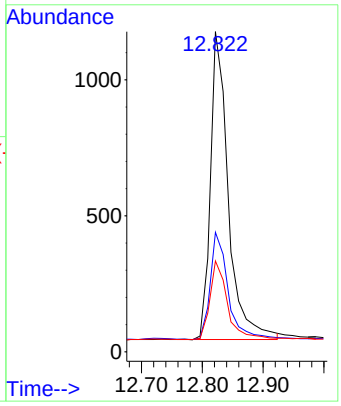
Instrument :
BNA_N
ClientSampleId :
PB132704BS

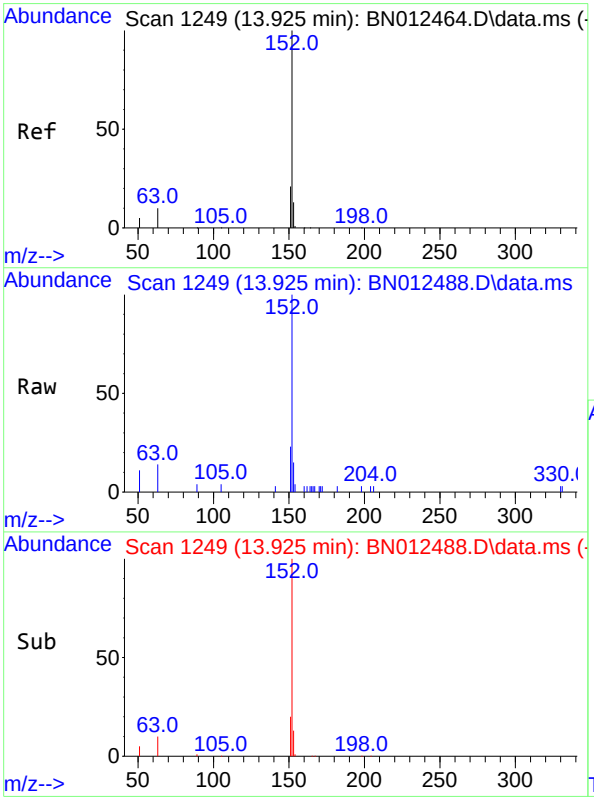


#15
2-Fluorobiphenyl
Concen: 0.35 ng
RT: 12.822 min Scan# 1162
Delta R.T. -0.013 min
Lab File: BN012488.D
Acq: 02 Nov 2020 13:28

Tgt Ion:172 Resp: 2311

Ion	Ratio	Lower	Upper
172	100		
171	37.3	28.2	42.4
170	28.4	20.0	30.0

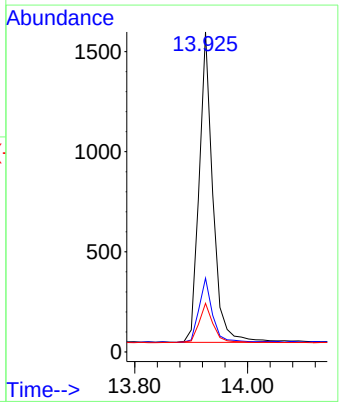




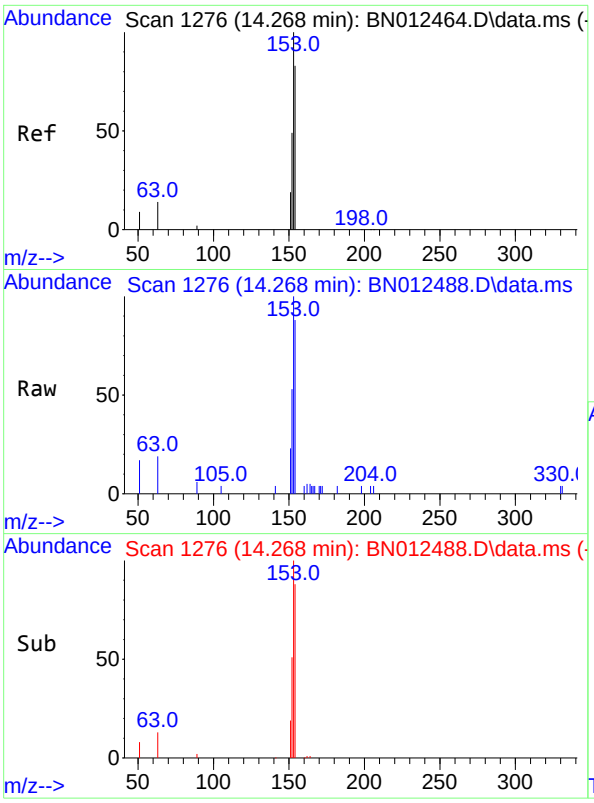
#16
Acenaphthylene
Concen: 0.30 ng
RT: 13.925 min Scan# 1249
Delta R.T. 0.000 min
Lab File: BN012488.D
Acq: 02 Nov 2020 13:28

Tgt Ion:152 Resp: 2605

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.8	23.8
153	13.2	10.6	16.0



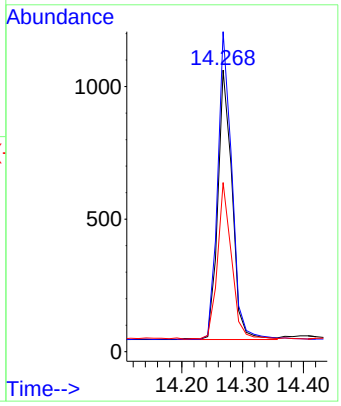
Instrument :
BNA_N
ClientSampleId :
PB132704BS

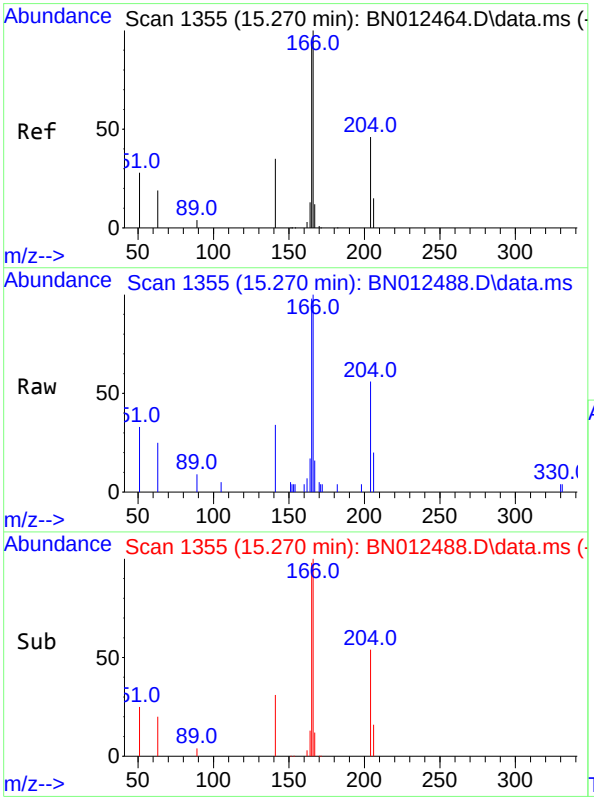


#17
Acenaphthene
Concen: 0.29 ng
RT: 14.268 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BN012488.D
Acq: 02 Nov 2020 13:28

Tgt Ion:154 Resp: 1654

Ion	Ratio	Lower	Upper
154	100		
153	113.6	83.6	125.4
152	57.8	43.9	65.9

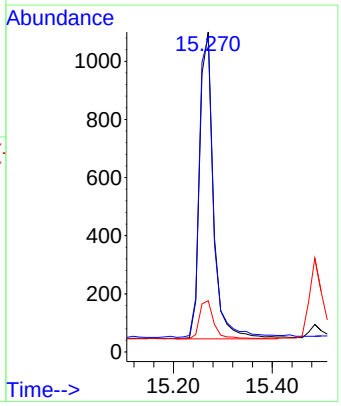




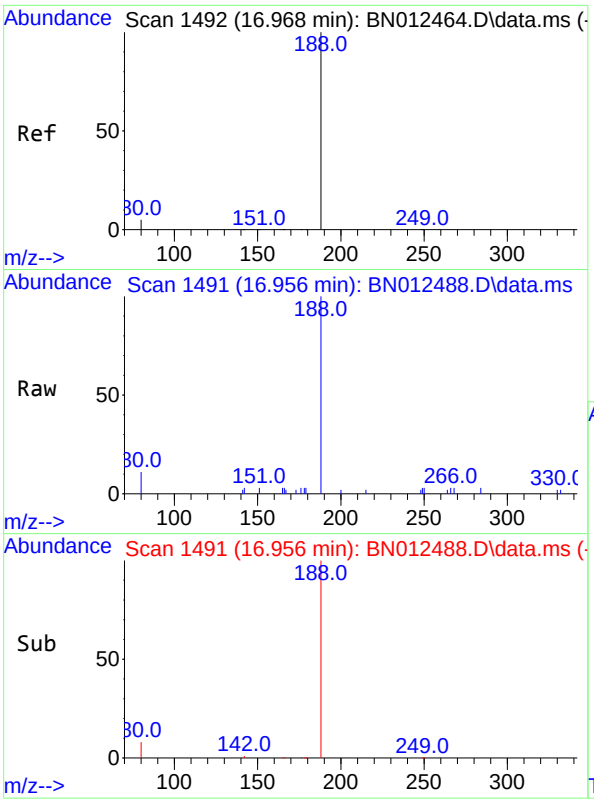
#18
Fluorene
Concen: 0.29 ng
RT: 15.270 min Scan# 1355
Delta R.T. 0.000 min
Lab File: BN012488.D
Acq: 02 Nov 2020 13:28

Tgt Ion:166 Resp: 2060

Ion	Ratio	Lower	Upper
166	100		
165	99.9	78.6	118.0
167	12.6	10.7	16.1



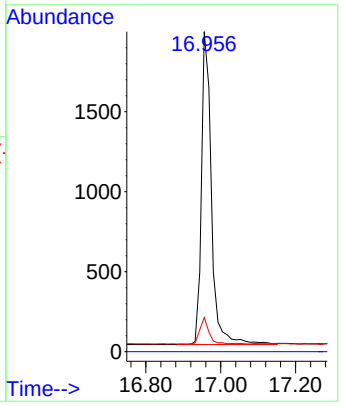
Instrument :
BNA_N
ClientSampleId :
PB132704BS

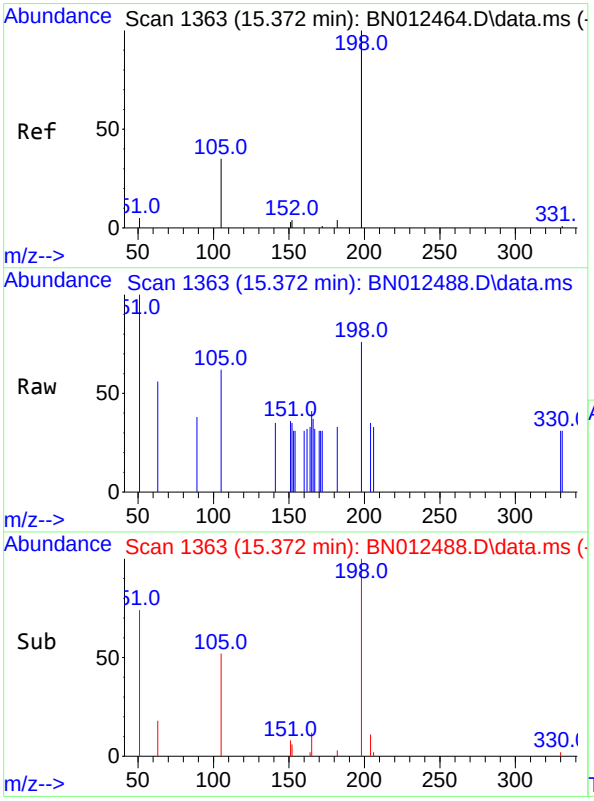


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.956 min Scan# 1491
Delta R.T. -0.012 min
Lab File: BN012488.D
Acq: 02 Nov 2020 13:28

Tgt Ion:188 Resp: 3616

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.7	5.0	7.4#

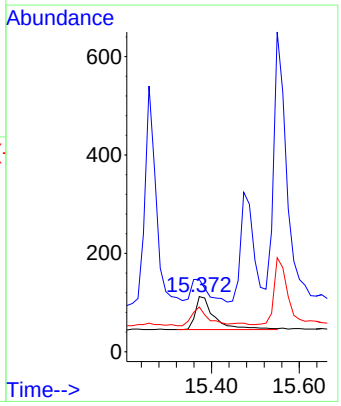




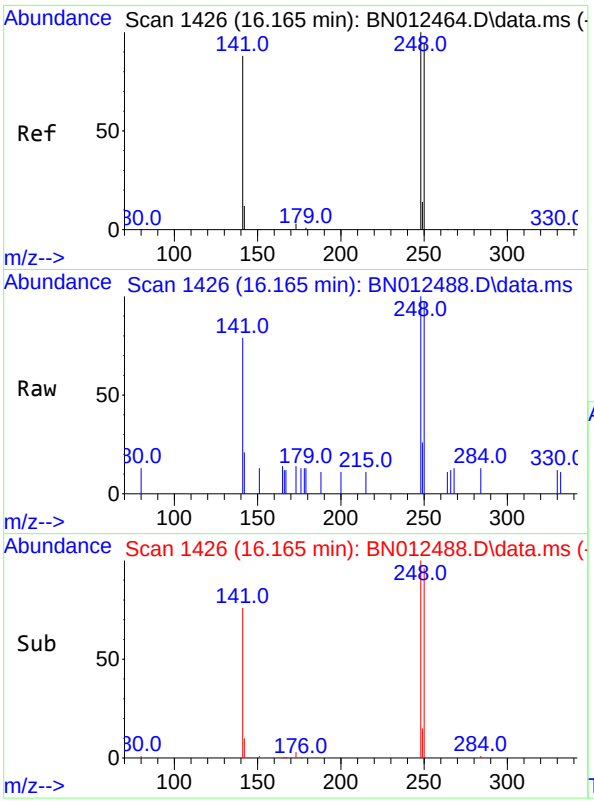
#20
4,6-Dinitro-2-methylphenol
Concen: 0.30 ng
RT: 15.372 min Scan# 1363
Delta R.T. -0.000 min
Lab File: BN012488.D
Acq: 02 Nov 2020 13:28

Tgt Ion:198 Resp: 203

Ion	Ratio	Lower	Upper
198	100		
51	131.3	43.5	65.3#
105	81.3	27.2	40.8#



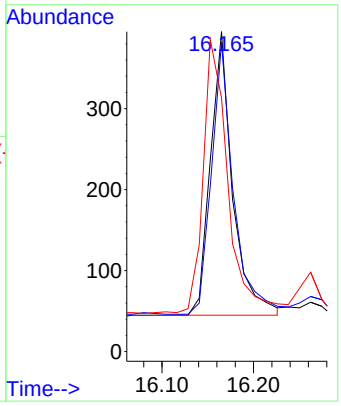
Instrument :
BNA_N
ClientSampleId :
PB132704BS

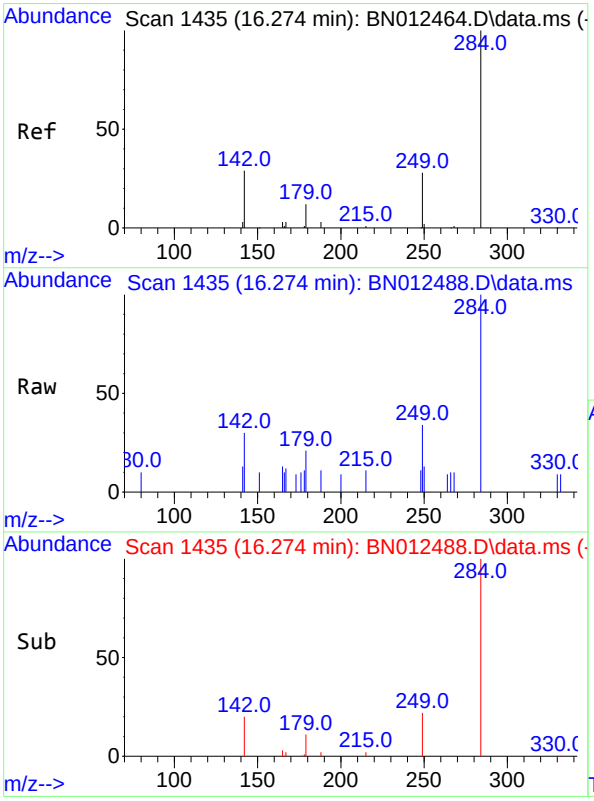


#21
4-Bromophenyl-phenylether
Concen: 0.27 ng
RT: 16.165 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BN012488.D
Acq: 02 Nov 2020 13:28

Tgt Ion:248 Resp: 589

Ion	Ratio	Lower	Upper
248	100		
250	96.7	77.3	115.9
141	79.2	57.8	86.8

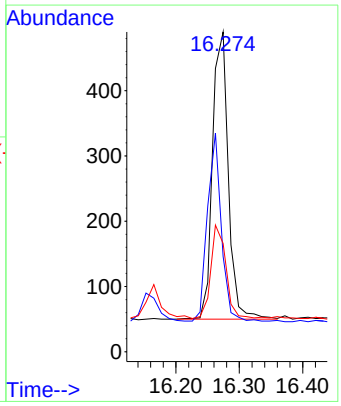




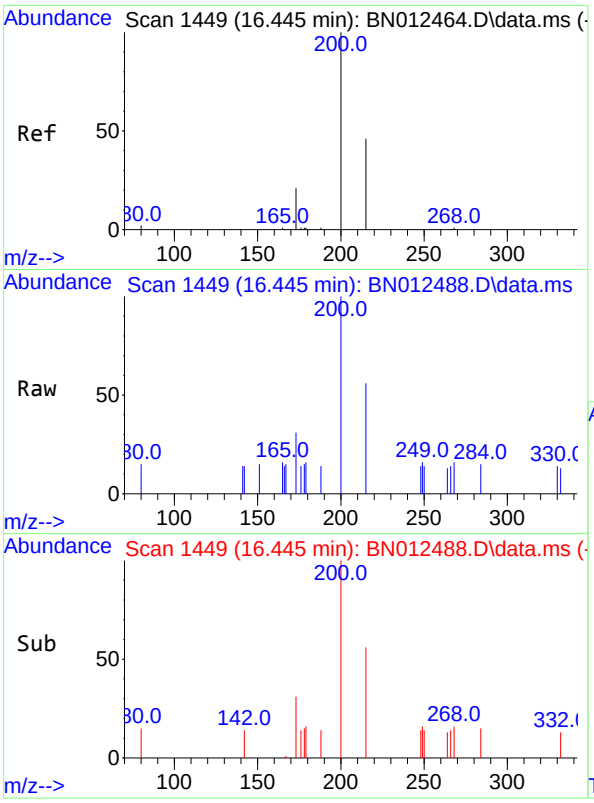
#22
Hexachlorobenzene
Concen: 0.28 ng
RT: 16.274 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BN012488.D
Acq: 02 Nov 2020 13:28

Tgt Ion:284 Resp: 761

Ion	Ratio	Lower	Upper
284	100		
142	58.7	32.0	48.0#
249	30.9	27.0	40.6



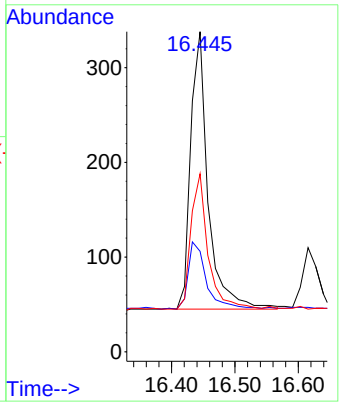
Instrument :
BNA_N
ClientSampleId :
PB132704BS

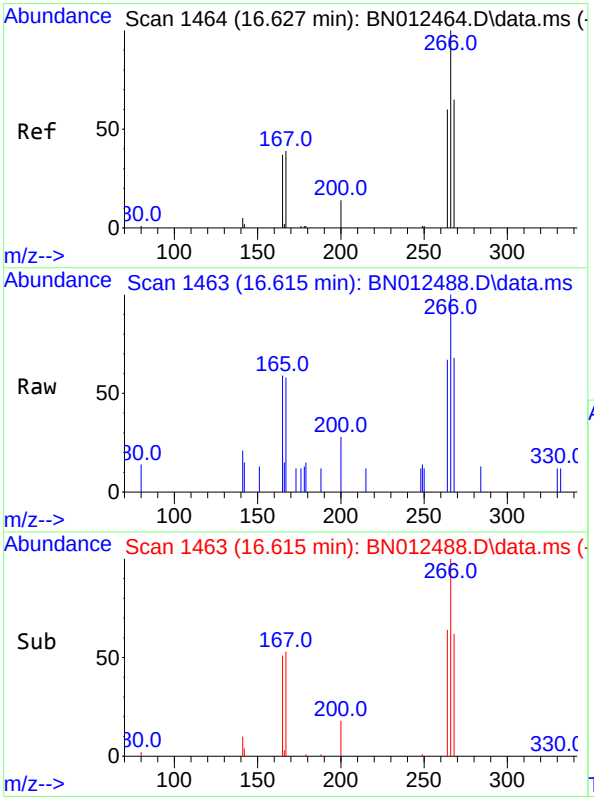


#23
Atrazine
Concen: 0.27 ng
RT: 16.445 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BN012488.D
Acq: 02 Nov 2020 13:28

Tgt Ion:200 Resp: 560

Ion	Ratio	Lower	Upper
200	100		
173	31.4	22.8	34.2
215	55.6	38.1	57.1

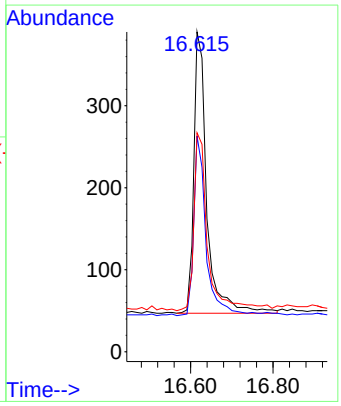




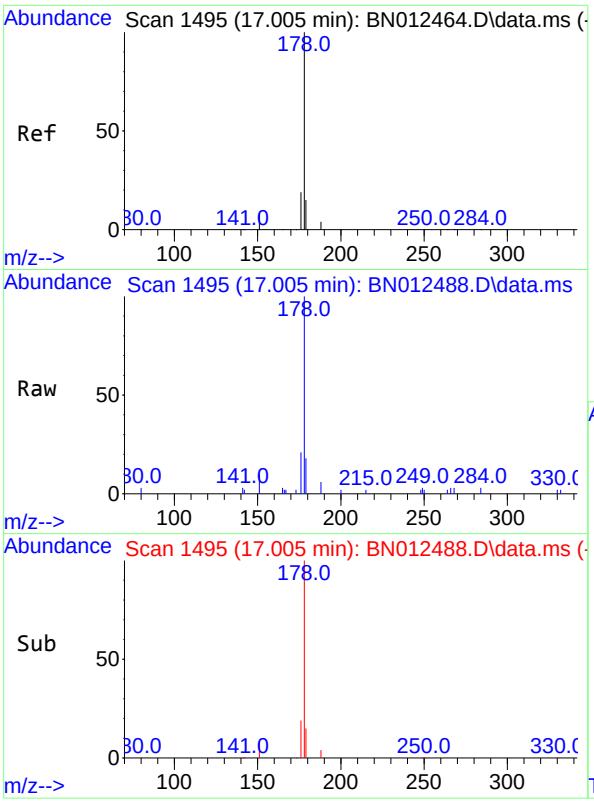
#24
Pentachlorophenol
Concen: 0.60 ng
RT: 16.615 min Scan# 1463
Delta R.T. -0.012 min
Lab File: BN012488.D
Acq: 02 Nov 2020 13:28

Tgt Ion:266 Resp: 751

Ion	Ratio	Lower	Upper
266	100		
264	60.9	50.9	76.3
268	67.6	51.5	77.3



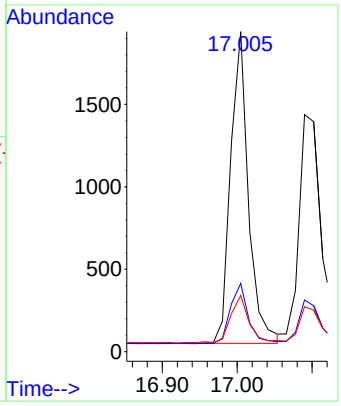
Instrument :
BNA_N
ClientSampleId :
PB132704BS

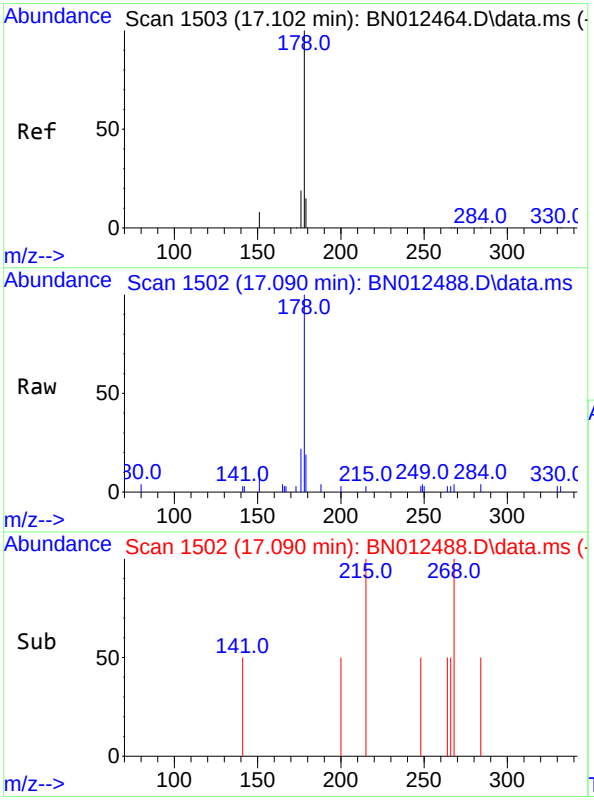


#25
Phenanthrene
Concen: 0.29 ng
RT: 17.005 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BN012488.D
Acq: 02 Nov 2020 13:28

Tgt Ion:178 Resp: 3116

Ion	Ratio	Lower	Upper
178	100		
176	19.5	14.8	22.2
179	16.3	12.4	18.6

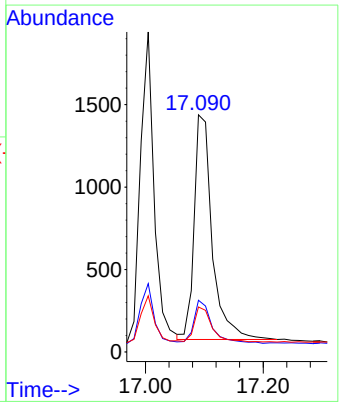




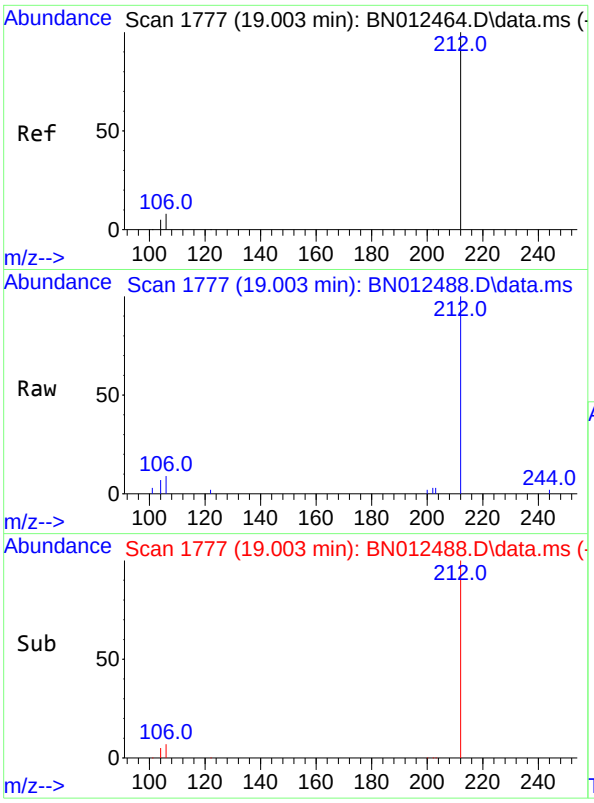
#26
Anthracene
Concen: 0.29 ng
RT: 17.090 min Scan# 1502
Delta R.T. -0.012 min
Lab File: BN012488.D
Acq: 02 Nov 2020 13:28

Tgt Ion:178 Resp: 2913

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.8	22.2
179	15.2	12.5	18.7



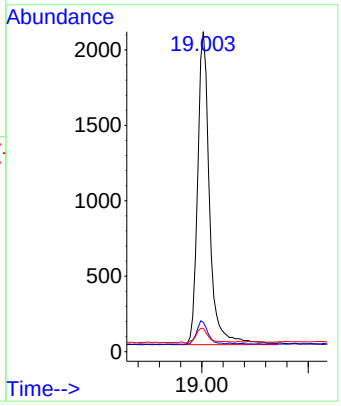
Instrument :
BNA_N
ClientSampleId :
PB132704BS

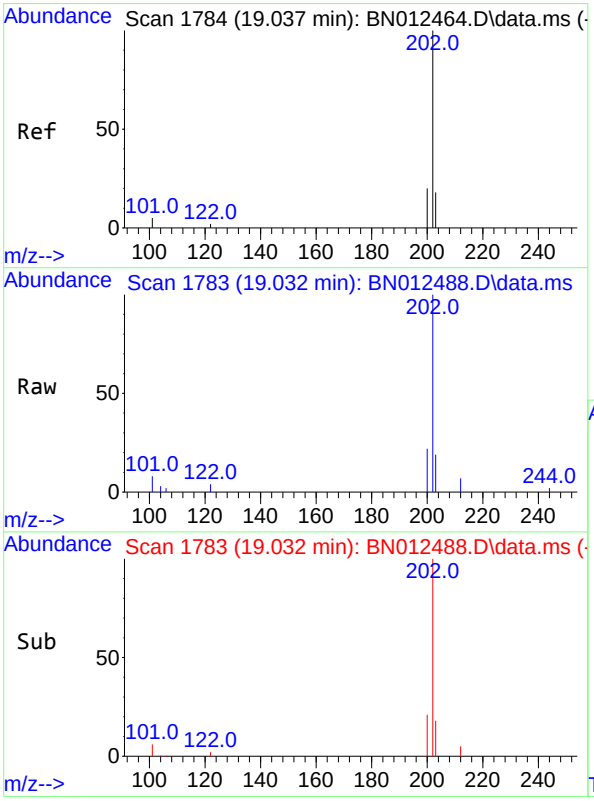


#27
Fluoranthene-d10
Concen: 0.29 ng
RT: 19.003 min Scan# 1777
Delta R.T. 0.000 min
Lab File: BN012488.D
Acq: 02 Nov 2020 13:28

Tgt Ion:212 Resp: 3226

Ion	Ratio	Lower	Upper
212	100		
106	7.0	6.8	10.2
104	5.1	4.1	6.1

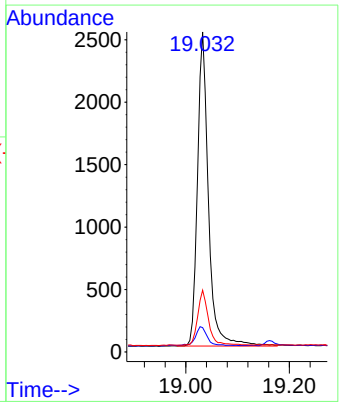




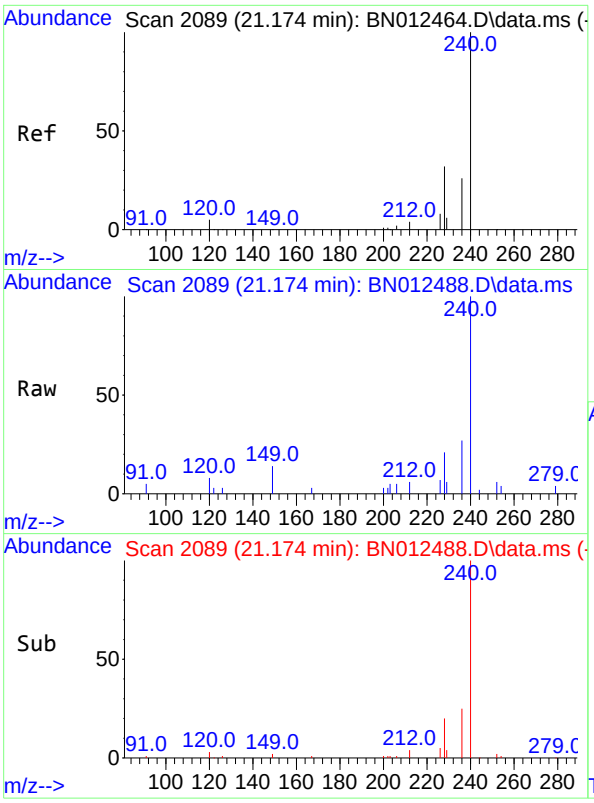
#28
Fluoranthene
Concen: 0.29 ng
RT: 19.032 min Scan# 1783
Delta R.T. -0.005 min
Lab File: BN012488.D
Acq: 02 Nov 2020 13:28

Tgt Ion:202 Resp: 3714

Ion	Ratio	Lower	Upper
202	100		
101	6.5	5.8	8.6
203	17.1	13.7	20.5



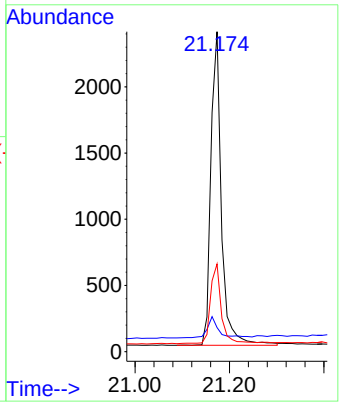
Instrument :
BNA_N
ClientSampleId :
PB132704BS

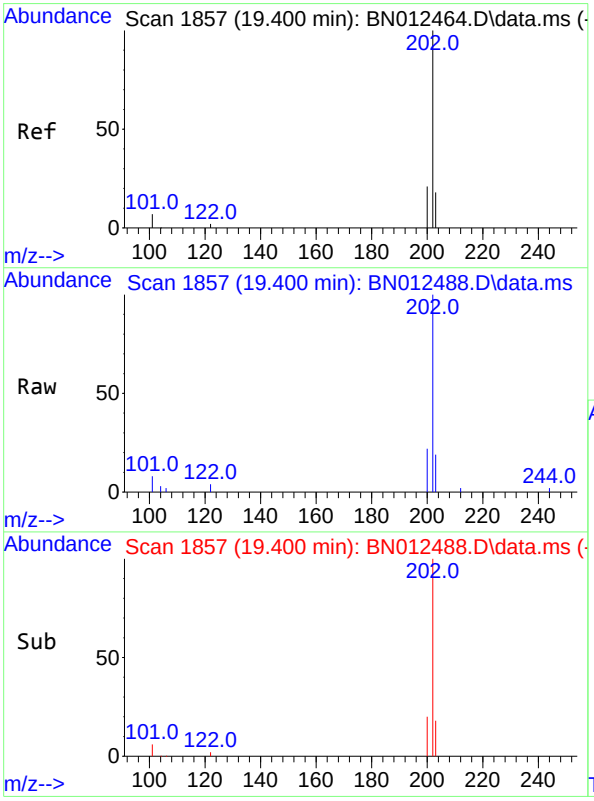


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.174 min Scan# 2089
Delta R.T. 0.000 min
Lab File: BN012488.D
Acq: 02 Nov 2020 13:28

Tgt Ion:240 Resp: 3672

Ion	Ratio	Lower	Upper
240	100		
120	7.5	5.3	7.9
236	27.4	21.8	32.8

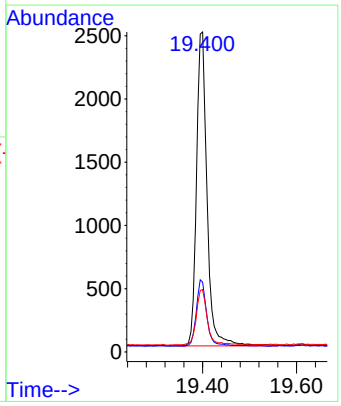




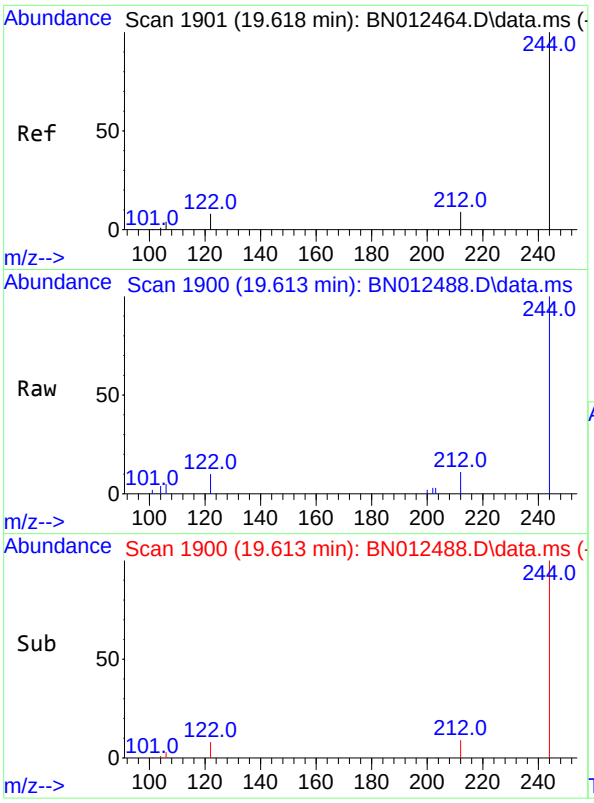
#30
Pyrene
Concen: 0.31 ng
RT: 19.400 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BN012488.D
Acq: 02 Nov 2020 13:28

Tgt Ion:202 Resp: 3855

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	24.8
203	18.9	13.8	20.8



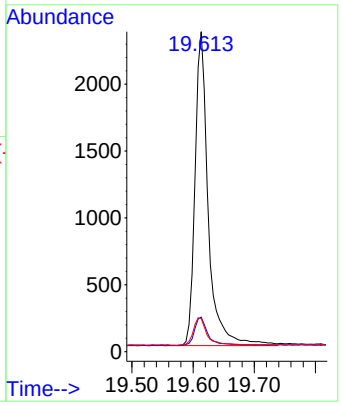
Instrument :
BNA_N
ClientSampleId :
PB132704BS

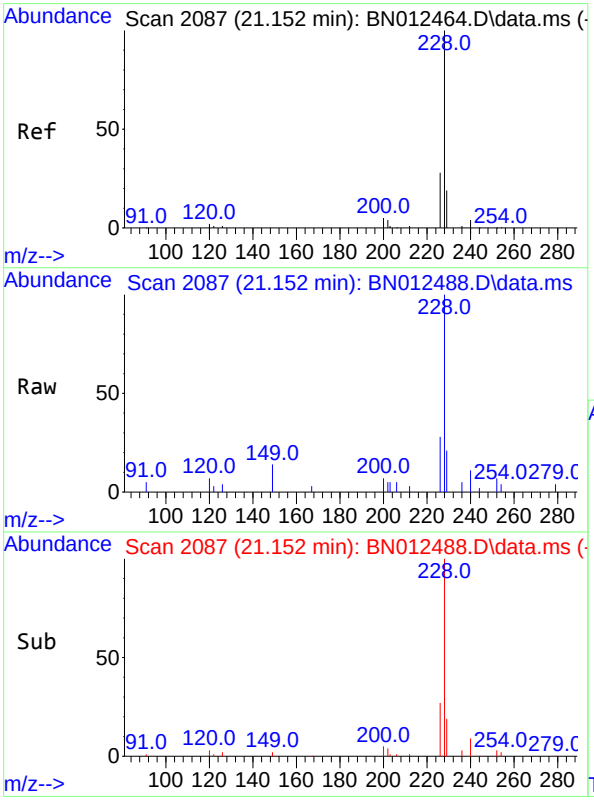


#31
Terphenyl-d14
Concen: 0.41 ng
RT: 19.613 min Scan# 1900
Delta R.T. -0.005 min
Lab File: BN012488.D
Acq: 02 Nov 2020 13:28

Tgt Ion:244 Resp: 3525

Ion	Ratio	Lower	Upper
244	100		
212	10.8	7.3	10.9
122	10.3	7.3	10.9

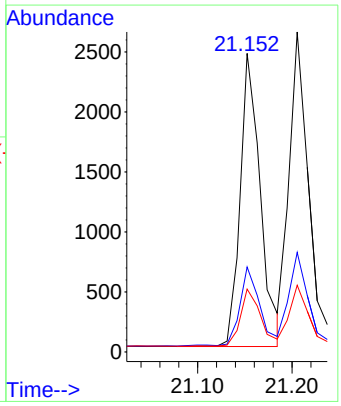




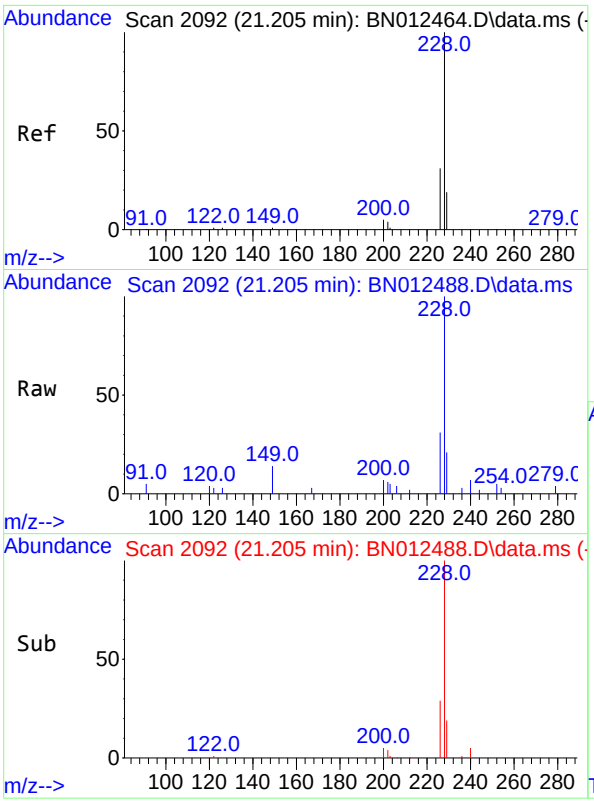
#32
Benzo(a)anthracene
Concen: 0.32 ng
RT: 21.152 min Scan# 2087
Delta R.T. 0.000 min
Lab File: BN012488.D
Acq: 02 Nov 2020 13:28

Tgt Ion:228 Resp: 3617

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.3	33.5
229	21.1	15.7	23.5



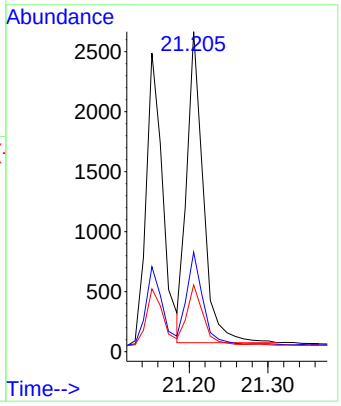
Instrument :
BNA_N
ClientSampleId :
PB132704BS

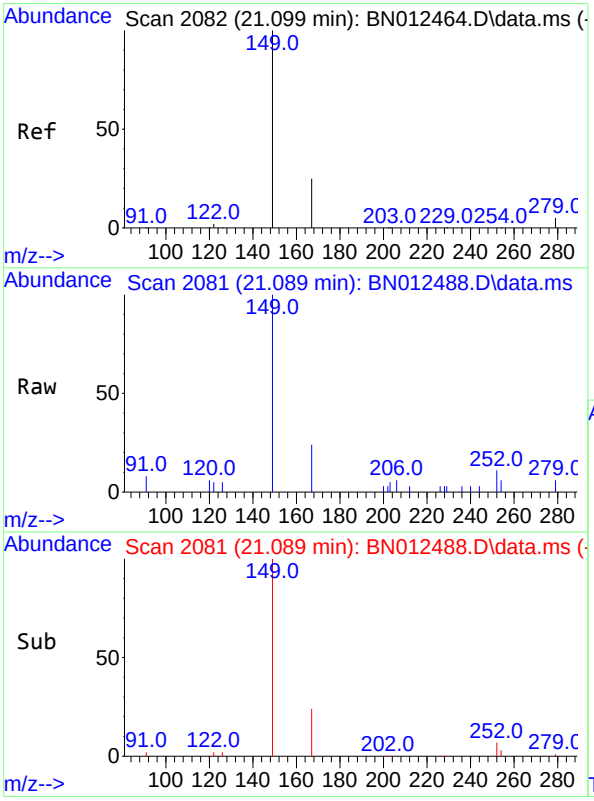


#33
Chrysene
Concen: 0.30 ng
RT: 21.205 min Scan# 2092
Delta R.T. 0.000 min
Lab File: BN012488.D
Acq: 02 Nov 2020 13:28

Tgt Ion:228 Resp: 3759

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.2	36.2
229	20.9	15.7	23.5

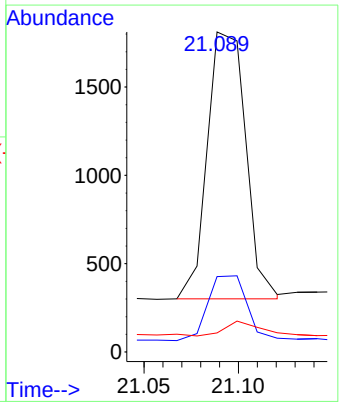




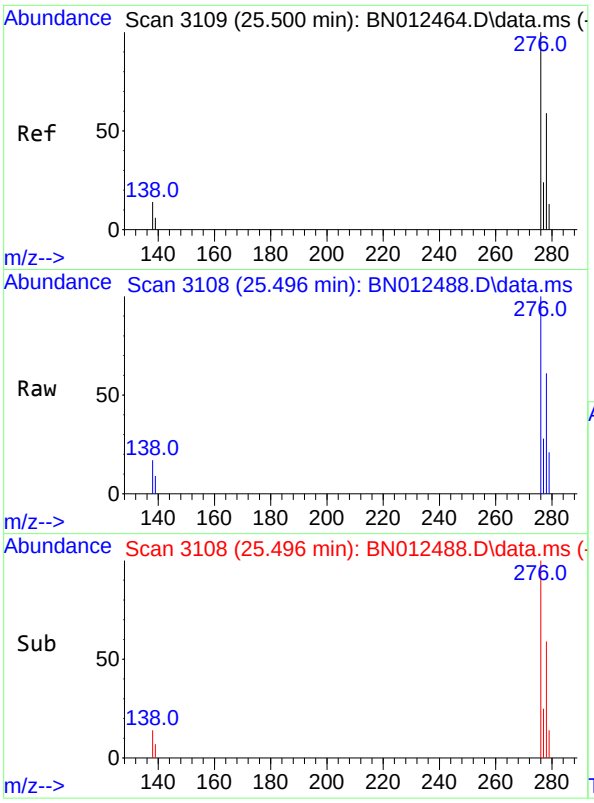
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.29 ng
RT: 21.089 min Scan# 2081
Delta R.T. -0.011 min
Lab File: BN012488.D
Acq: 02 Nov 2020 13:28

Tgt Ion:149 Resp: 2140

Ion	Ratio	Lower	Upper
149	100		
167	25.0	23.2	34.8
279	5.2	3.9	5.9



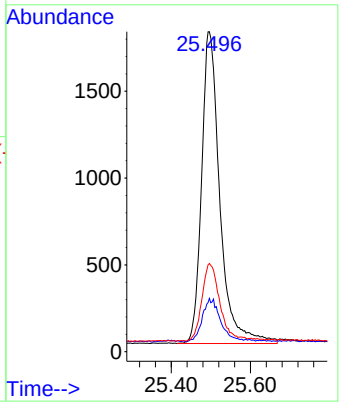
Instrument :
BNA_N
ClientSampleId :
PB132704BS

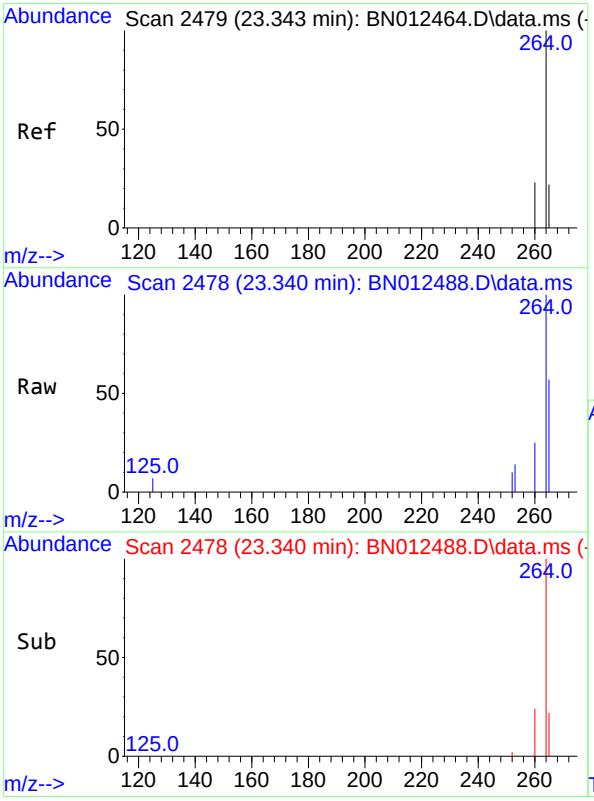


#35
Indeno(1,2,3-cd)pyrene
Concen: 0.32 ng
RT: 25.496 min Scan# 3108
Delta R.T. -0.003 min
Lab File: BN012488.D
Acq: 02 Nov 2020 13:28

Tgt Ion:276 Resp: 5765

Ion	Ratio	Lower	Upper
276	100		
138	13.7	13.3	19.9
277	23.9	20.2	30.4

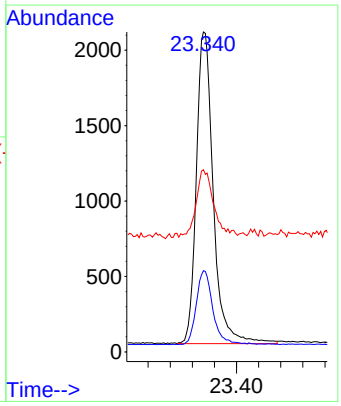




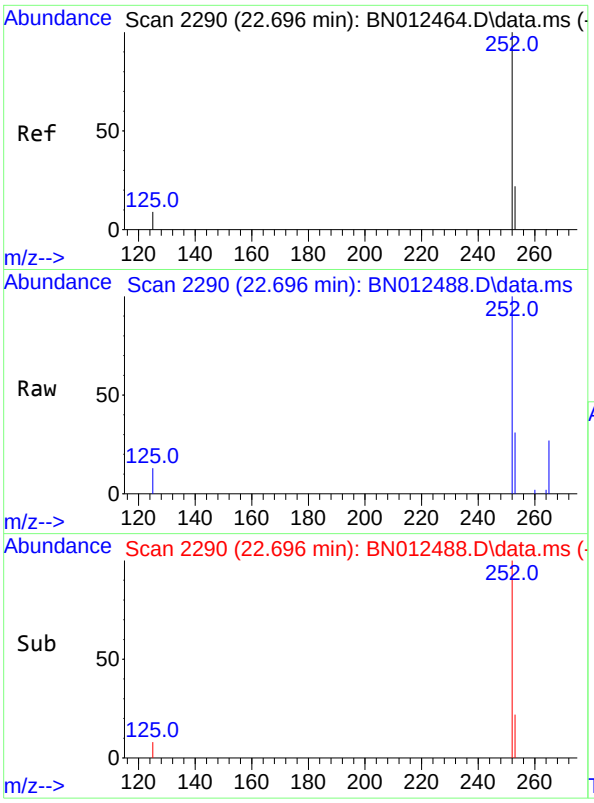
#36
Perylene-d12
Concen: 0.40 ng
RT: 23.340 min Scan# 2478
Delta R.T. -0.003 min
Lab File: BN012488.D
Acq: 02 Nov 2020 13:28

Tgt Ion:264 Resp: 4392

Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.8	29.6
265	57.0	51.4	77.0



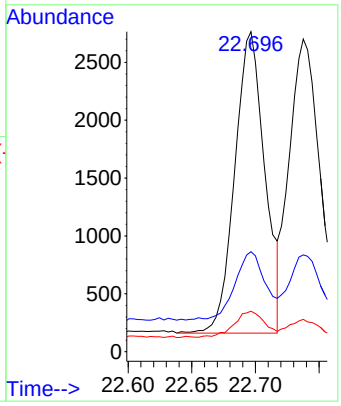
Instrument :
BNA_N
ClientSampleId :
PB132704BS

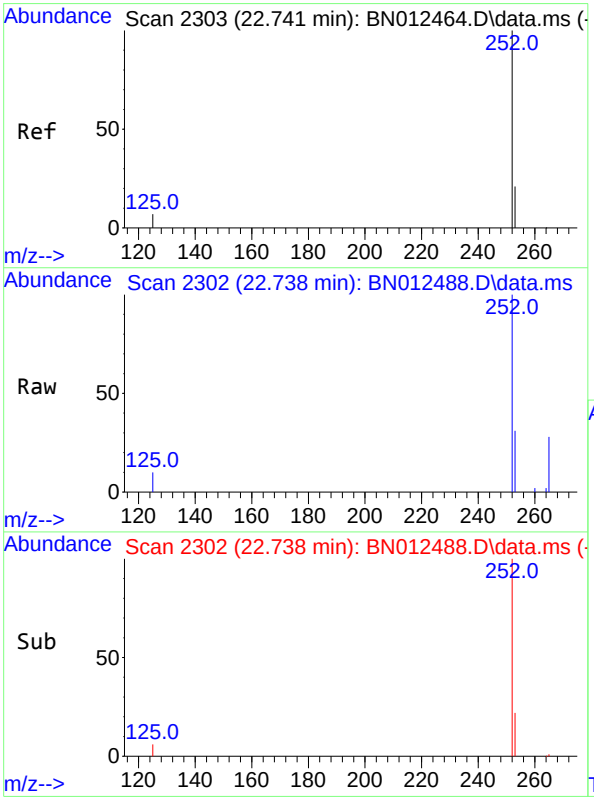


#37
Benzo(b)fluoranthene
Concen: 0.30 ng
RT: 22.696 min Scan# 2290
Delta R.T. 0.000 min
Lab File: BN012488.D
Acq: 02 Nov 2020 13:28

Tgt Ion:252 Resp: 4268

Ion	Ratio	Lower	Upper
252	100		
253	31.2	20.1	30.1#
125	12.7	7.2	10.8#

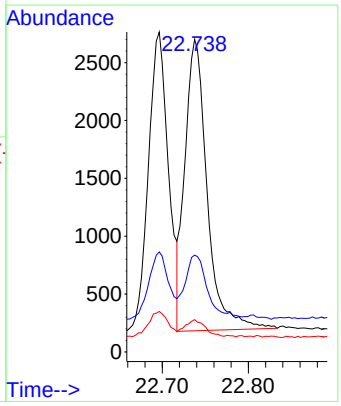




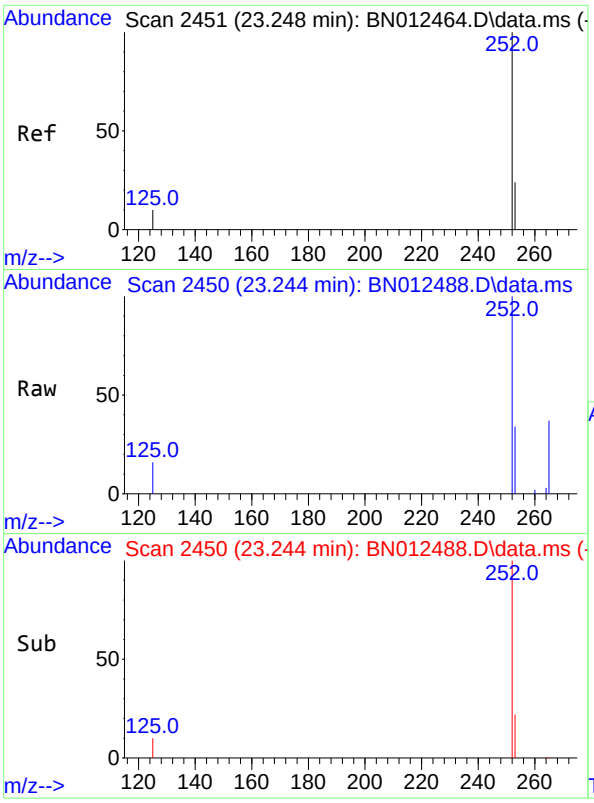
#38
Benzo(k)fluoranthene
Concen: 0.30 ng
RT: 22.738 min Scan# 2302
Delta R.T. -0.003 min
Lab File: BN012488.D
Acq: 02 Nov 2020 13:28

Tgt Ion:252 Resp: 4516

Ion	Ratio	Lower	Upper
252	100		
253	31.0	19.8	29.8#
125	10.3	7.1	10.7



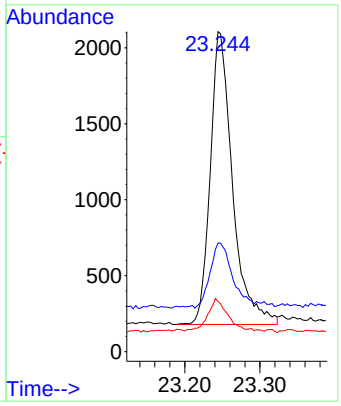
Instrument :
BNA_N
ClientSampleId :
PB132704BS

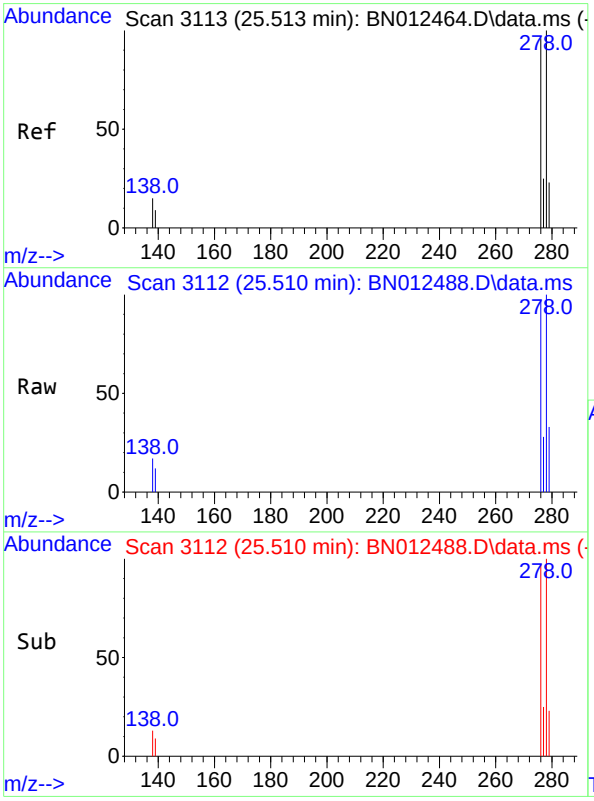


#39
Benzo(a)pyrene
Concen: 0.29 ng
RT: 23.244 min Scan# 2450
Delta R.T. -0.003 min
Lab File: BN012488.D
Acq: 02 Nov 2020 13:28

Tgt Ion:252 Resp: 3968

Ion	Ratio	Lower	Upper
252	100		
253	34.0	21.3	31.9#
125	15.7	8.3	12.5#

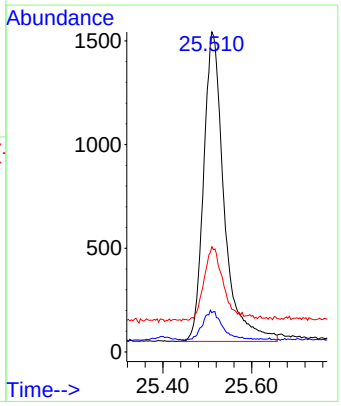


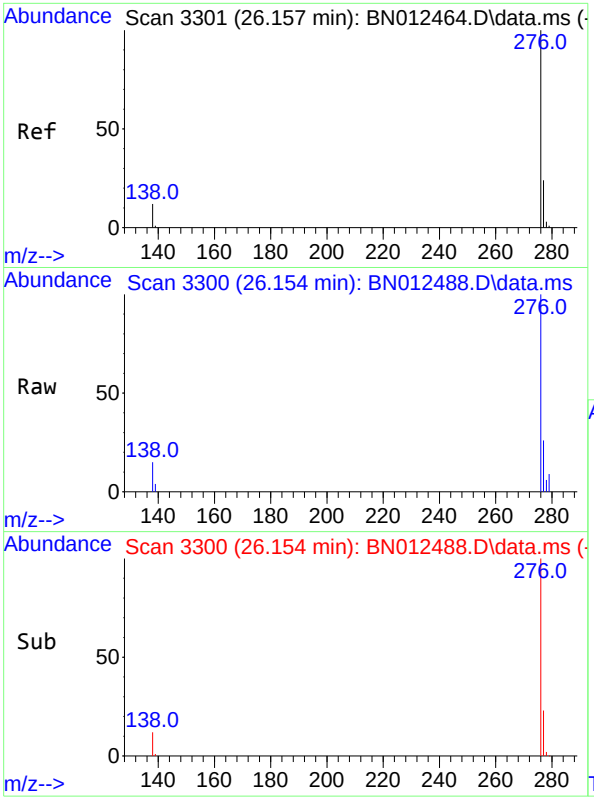


#40
Dibenzo(a,h)anthracene
Concen: 0.31 ng
RT: 25.510 min Scan# 3112
Delta R.T. -0.003 min
Lab File: BN012488.D
Acq: 02 Nov 2020 13:28

Tgt Ion:278 Resp: 4774

Ion	Ratio	Lower	Upper
278	100		
139	12.2	9.3	13.9
279	32.9	21.6	32.4#

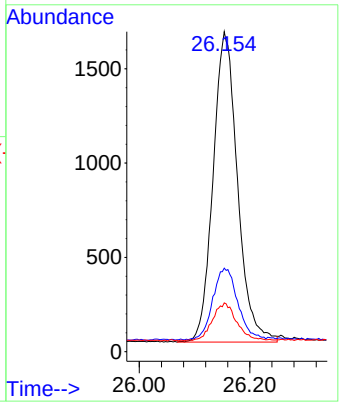




#41
Benzo(g,h,i)perylene
Concen: 0.32 ng
RT: 26.154 min Scan# 3300
Delta R.T. -0.003 min
Lab File: BN012488.D
Acq: 02 Nov 2020 13:28

Tgt Ion:276 Resp: 5043

Ion	Ratio	Lower	Upper
276	100		
277	26.1	19.8	29.8
138	15.3	11.7	17.5



Instrument :
BNA_N
ClientSampleId :
PB132704BS