Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102820\
Data File : BN012424.D
Acq On : 28 Oct 2020 16:34
Operator : CG/JU
Sample : PB132530BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB132530BS

Quant Time: Oct 28 17:03:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN102620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 28 10:32:42 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.578	152	952	0.40	ng		0.00
7) Naphthalene-d8	10.351	136	4087	0.40	ng		# 0.00
13) Acenaphthene-d10	14.217	164	2340	0.40	ng		0.00
19) Phenanthrene-d10	16.968	188	5053	0.40	ng		# 0.00
29) Chrysene-d12	21.174	240	5009	0.40	ng		# 0.00
36) Perylene-d12	23.350	264	5667	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.194	112	1225	0.37	ng		0.00
5) Phenol-d6	6.765	99	1530	0.39	ng		0.00
8) Nitrobenzene-d5	8.729	82	1499	0.33	ng		0.00
11) 2-Methylnaphthalene-d10	11.949	152	2387	0.36	ng		0.00
14) 2,4,6-Tribromophenol	15.727	330	587	0.35	ng		0.00
15) 2-Fluorobiphenyl	12.834	172	3069	0.35	ng		-0.01
27) Fluoranthene-d10	19.013	212	5218	0.33	ng		0.00
31) Terphenyl-d14	19.618	244	4073	0.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.173	88	644	0.42	ng	#	79
3) n-Nitrosodimethylamine	3.487	42	1211	0.32	ng	#	81
6) bis(2-Chloroethyl)ether	7.022	93	860	0.32	ng	#	82
9) Naphthalene	10.402	128	3998	0.35	ng		98
10) Hexachlorobutadiene	10.681	225	836	0.35	ng	#	98
12) 2-Methylnaphthalene	12.024	142	2673	0.36	ng	#	87
16) Acenaphthylene	13.938	152	3968	0.34	ng		99
17) Acenaphthene	14.281	154	2621	0.36	ng		91
18) Fluorene	15.270	166	3317	0.35	ng		99
20) 4,6-Dinitro-2-methylph...	15.384	198	361	0.31	ng	#	23
21) 4-Bromophenyl-phenylether	16.177	248	1003	0.33	ng		93
22) Hexachlorobenzene	16.274	284	1246	0.34	ng	#	85
23) Atrazine	16.445	200	995	0.34	ng		96
24) Pentachlorophenol	16.627	266	561	0.33	ng		97
25) Phenanthrene	17.005	178	5000	0.34	ng		98
26) Anthracene	17.102	178	4587	0.34	ng		99
28) Fluoranthene	19.042	202	5907	0.34	ng		99
30) Pyrene	19.405	202	6112	0.36	ng		100
32) Benzo(a)anthracene	21.163	228	5463	0.36	ng		97
33) Chrysene	21.216	228	5566	0.33	ng		98
34) Bis(2-ethylhexyl)phtha...	21.099	149	3743	0.38	ng		91
35) Indeno(1,2,3-cd)pyrene	25.513	276	7919	0.32	ng		97
37) Benzo(b)fluoranthene	22.703	252	6045	0.34	ng	#	84
38) Benzo(k)fluoranthene	22.744	252	6704	0.34	ng	#	90
39) Benzo(a)pyrene	23.254	252	5929	0.34	ng	#	76
40) Dibenzo(a,h)anthracene	25.524	278	6467	0.33	ng	#	90
41) Benzo(g,h,i)perylene	26.167	276	6666	0.32	ng		96

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102820\
Data File : BN012424.D
Acq On : 28 Oct 2020 16:34
Operator : CG/JU
Sample : PB132530BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Time: Oct 28 17:03:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN102620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 28 10:32:42 2020
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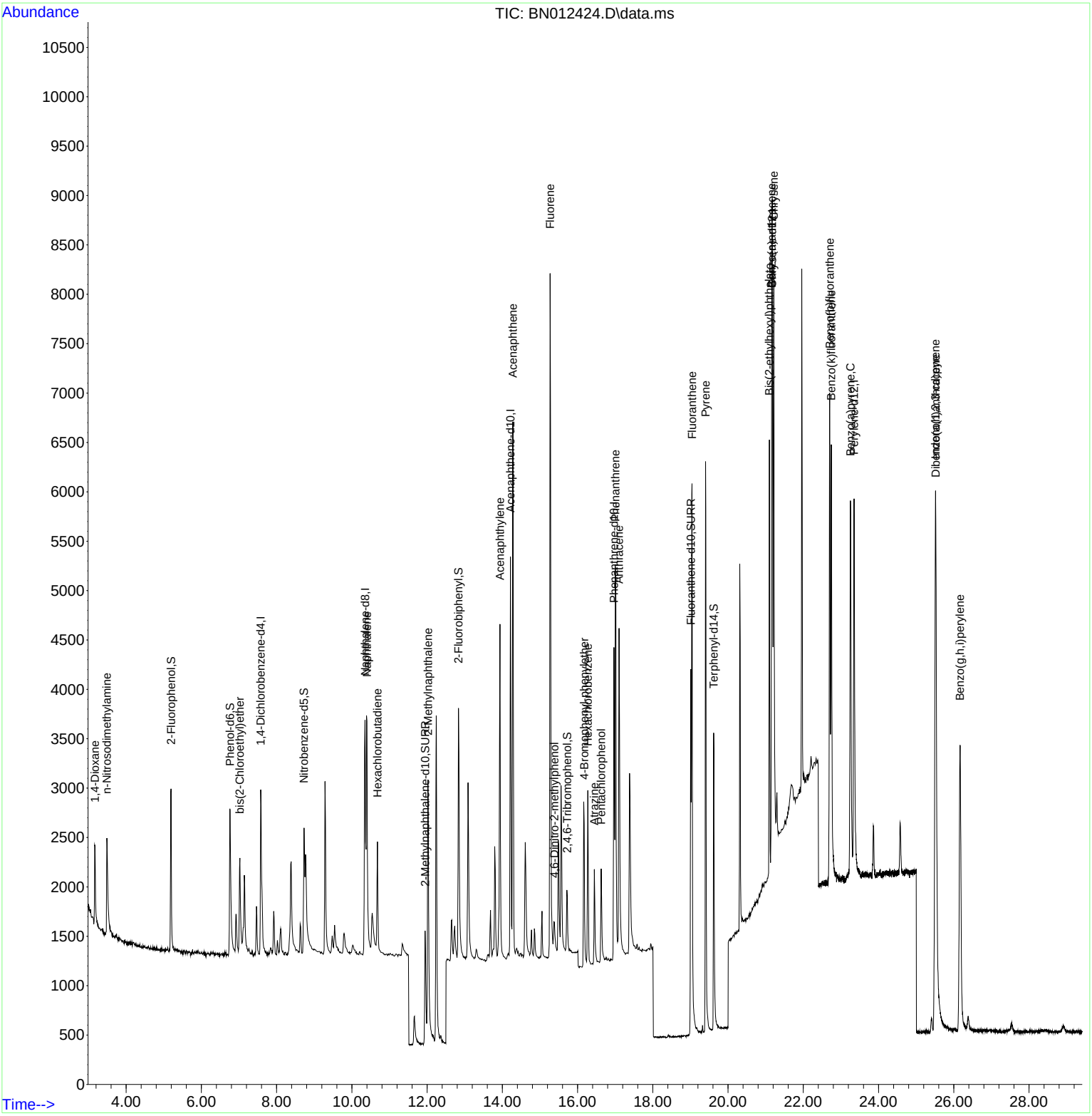

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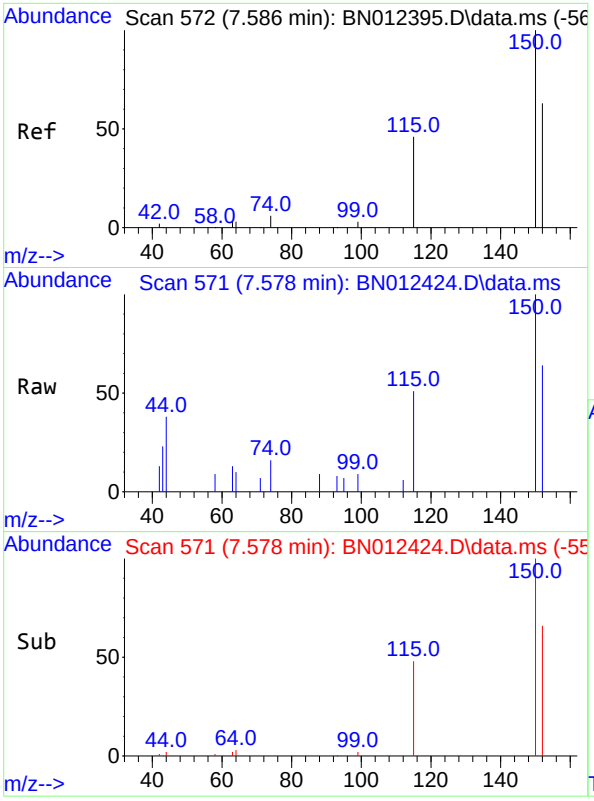
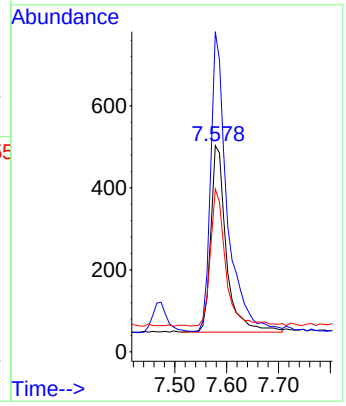
BNA_N
ClientSampleId :
PB132530BS

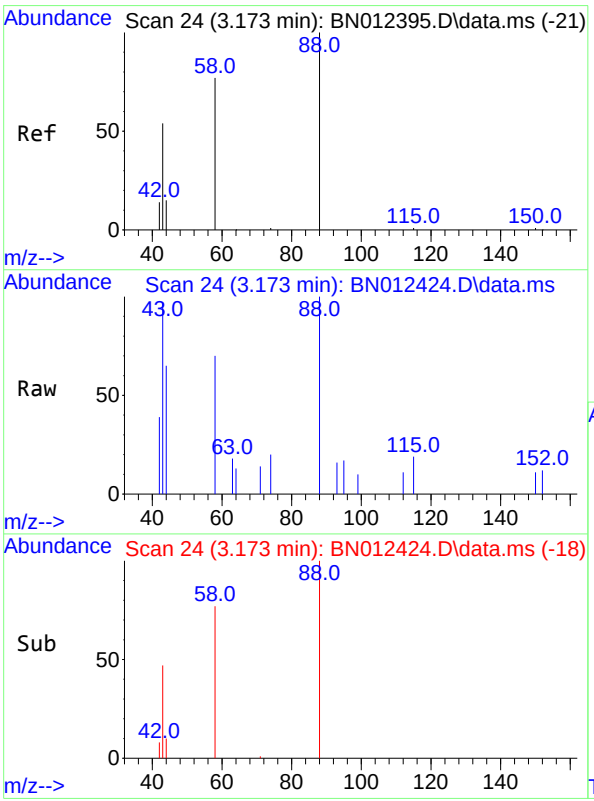


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.578 min Scan# 571
Delta R.T. 0.000 min
Lab File: BN012424.D
Acq: 28 Oct 2020 16:34

Tgt Ion:152 Resp: 952

Ion	Ratio	Lower	Upper
152	100		
150	155.3	116.6	174.8
115	78.9	52.9	79.3

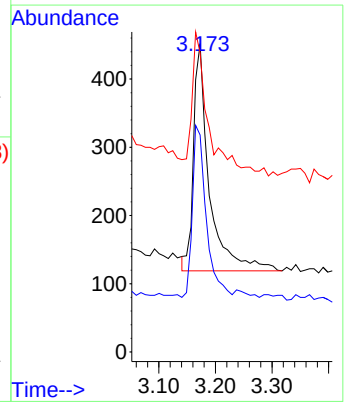




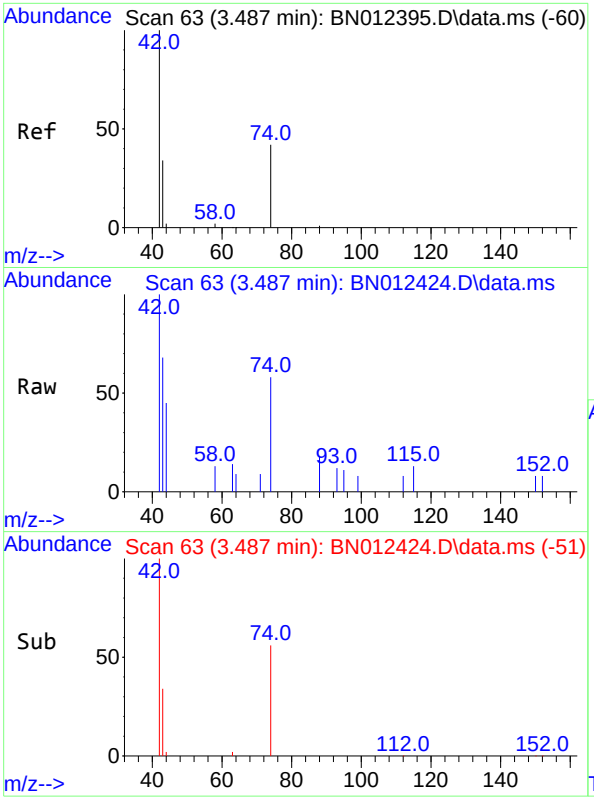
#2
1,4-Dioxane
Concen: 0.42 ng
RT: 3.173 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN012424.D
Acq: 28 Oct 2020 16:34

Tgt Ion: 88 Resp: 644

Ion	Ratio	Lower	Upper
88	100		
58	66.3	59.4	89.2
43	67.1	32.3	48.5#



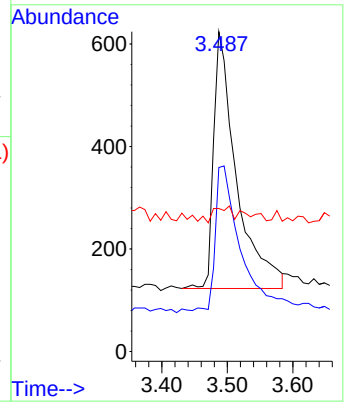
Instrument :
BNA_N
ClientSampleId :
PB132530BS

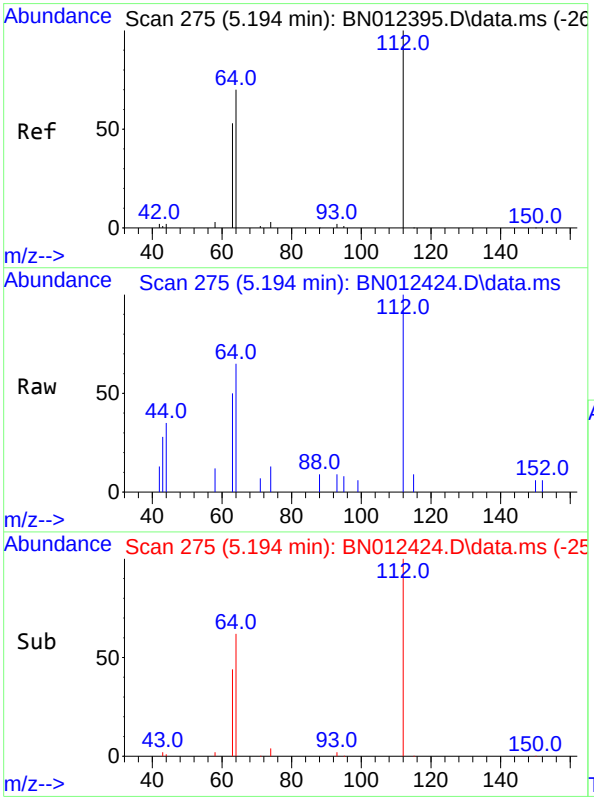


#3
n-Nitrosodimethylamine
Concen: 0.32 ng
RT: 3.487 min Scan# 63
Delta R.T. 0.000 min
Lab File: BN012424.D
Acq: 28 Oct 2020 16:34

Tgt Ion: 42 Resp: 1211

Ion	Ratio	Lower	Upper
42	100		
74	62.7	64.4	96.6#
44	4.5	2.8	4.2#

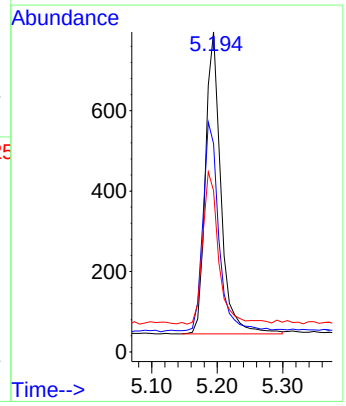




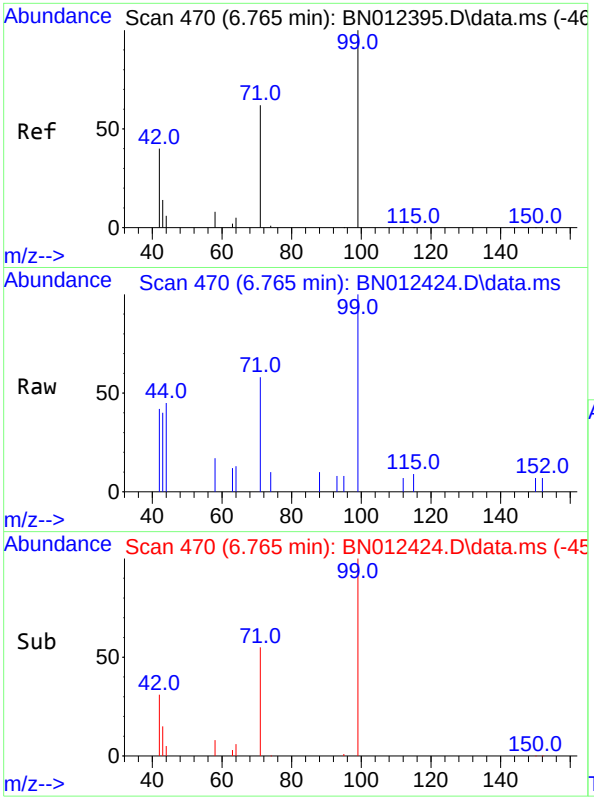
#4
2-Fluorophenol
Concen: 0.37 ng
RT: 5.194 min Scan# 275
Delta R.T. 0.000 min
Lab File: BN012424.D
Acq: 28 Oct 2020 16:34

Tgt Ion:112 Resp: 1225

Ion	Ratio	Lower	Upper
112	100		
64	70.4	49.5	74.3
63	51.9	32.0	48.0#



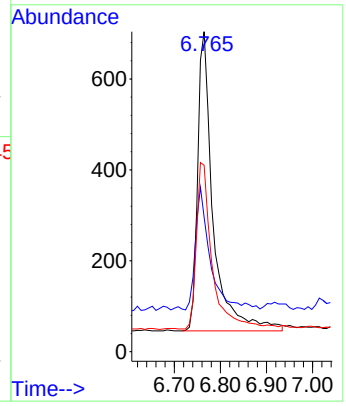
Instrument :
BNA_N
ClientSampleId :
PB132530BS

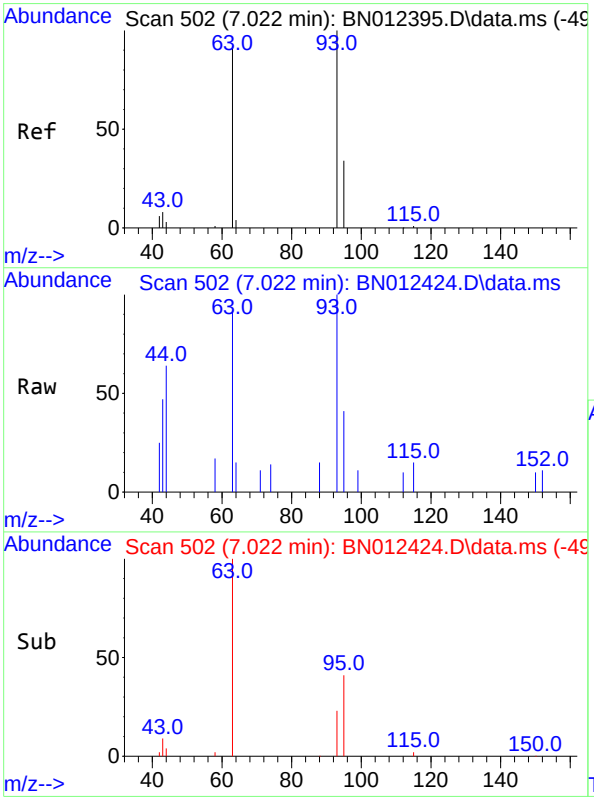


#5
Phenol-d6
Concen: 0.39 ng
RT: 6.765 min Scan# 470
Delta R.T. 0.000 min
Lab File: BN012424.D
Acq: 28 Oct 2020 16:34

Tgt Ion: 99 Resp: 1530

Ion	Ratio	Lower	Upper
99	100		
42	39.5	22.4	33.6#
71	56.3	37.8	56.6

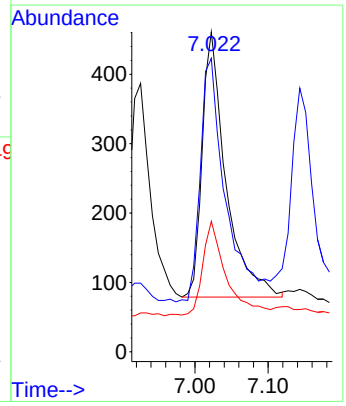




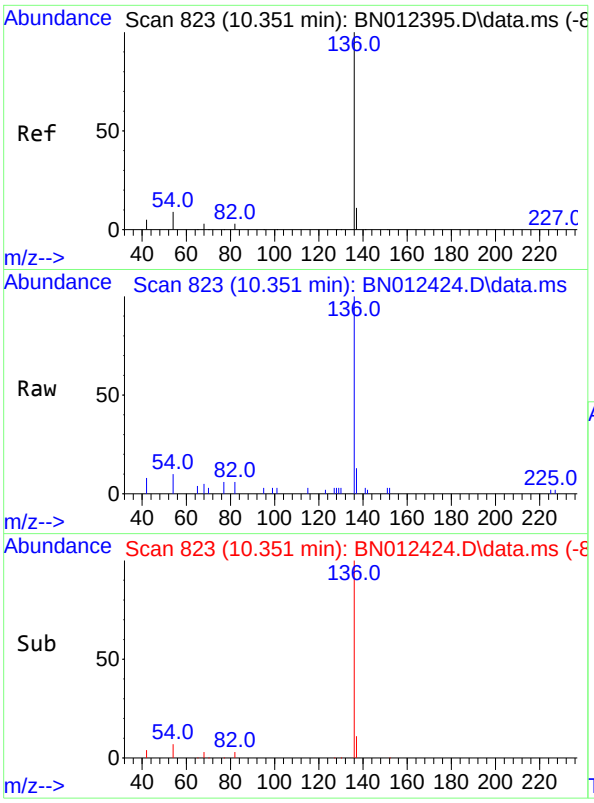
#6
bis(2-Chloroethyl)ether
Concen: 0.32 ng
RT: 7.022 min Scan# 502
Delta R.T. 0.000 min
Lab File: BN012424.D
Acq: 28 Oct 2020 16:34

Tgt Ion: 93 Resp: 860

Ion	Ratio	Lower	Upper
93	100		
63	99.2	63.1	94.7#
95	35.7	26.1	39.1



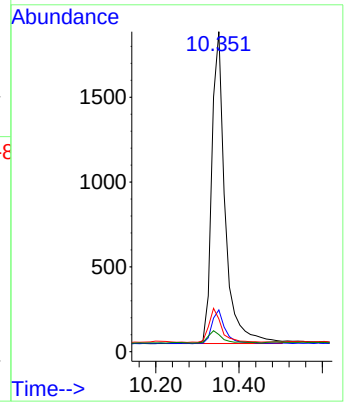
Instrument :
BNA_N
ClientSampleId :
PB132530BS

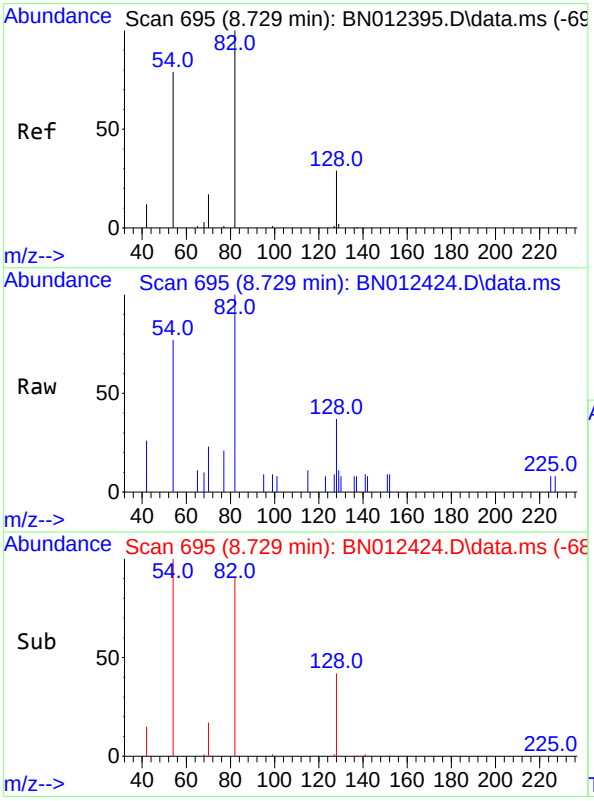


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.351 min Scan# 823
Delta R.T. 0.000 min
Lab File: BN012424.D
Acq: 28 Oct 2020 16:34

Tgt Ion:136 Resp: 4087

Ion	Ratio	Lower	Upper
136	100		
137	13.0	10.6	15.8
54	10.2	8.6	12.8
68	5.4	5.7	8.5#

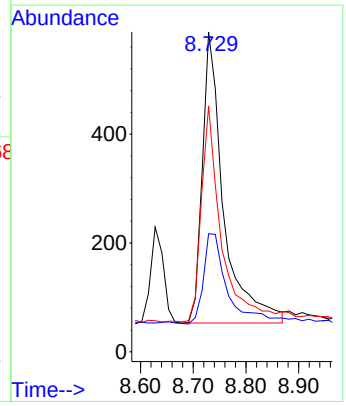




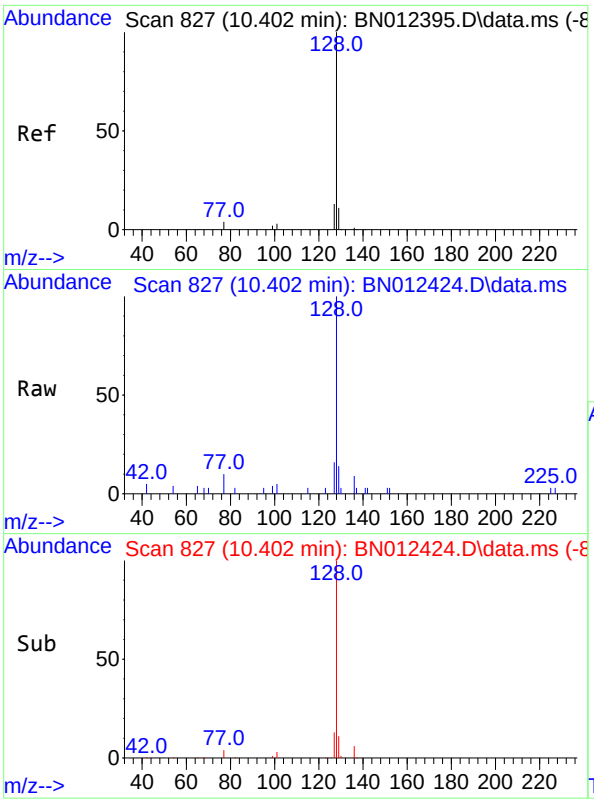
#8
Nitrobenzene-d5
Concen: 0.33 ng
RT: 8.729 min Scan# 695
Delta R.T. 0.000 min
Lab File: BN012424.D
Acq: 28 Oct 2020 16:34

Tgt Ion: 82 Resp: 1499

Ion	Ratio	Lower	Upper
82	100		
128	36.9	30.6	46.0
54	76.9	48.3	72.5#



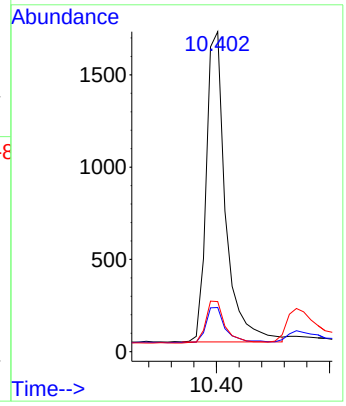
Instrument :
BNA_N
ClientSampleId :
PB132530BS

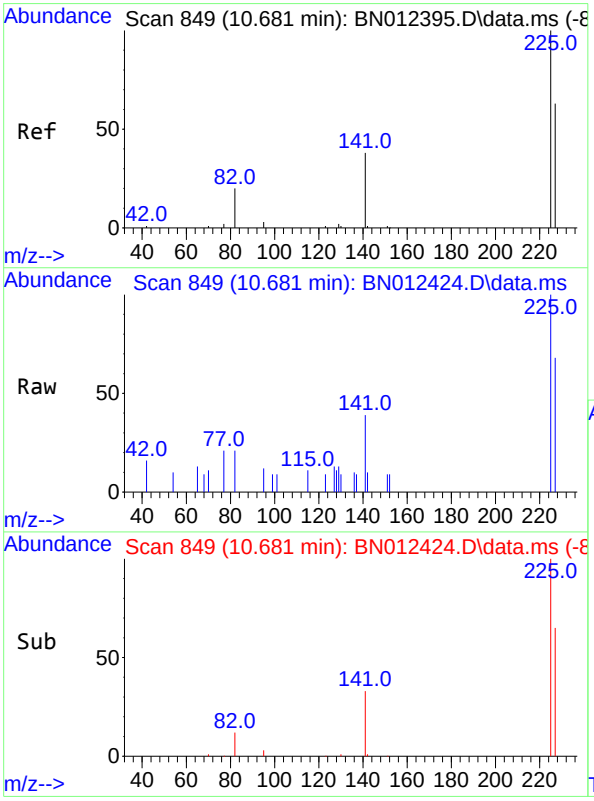


#9
Naphthalene
Concen: 0.35 ng
RT: 10.402 min Scan# 827
Delta R.T. 0.000 min
Lab File: BN012424.D
Acq: 28 Oct 2020 16:34

Tgt Ion:128 Resp: 3998

Ion	Ratio	Lower	Upper
128	100		
129	13.8	9.8	14.8
127	15.6	12.2	18.4

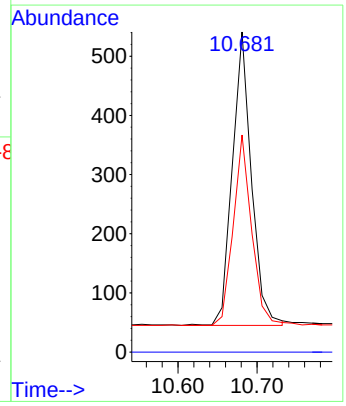




#10
Hexachlorobutadiene
Concen: 0.35 ng
RT: 10.681 min Scan# 849
Delta R.T. 0.000 min
Lab File: BN012424.D
Acq: 28 Oct 2020 16:34

Tgt Ion:225 Resp: 836

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.4	51.0	76.6



Instrument :
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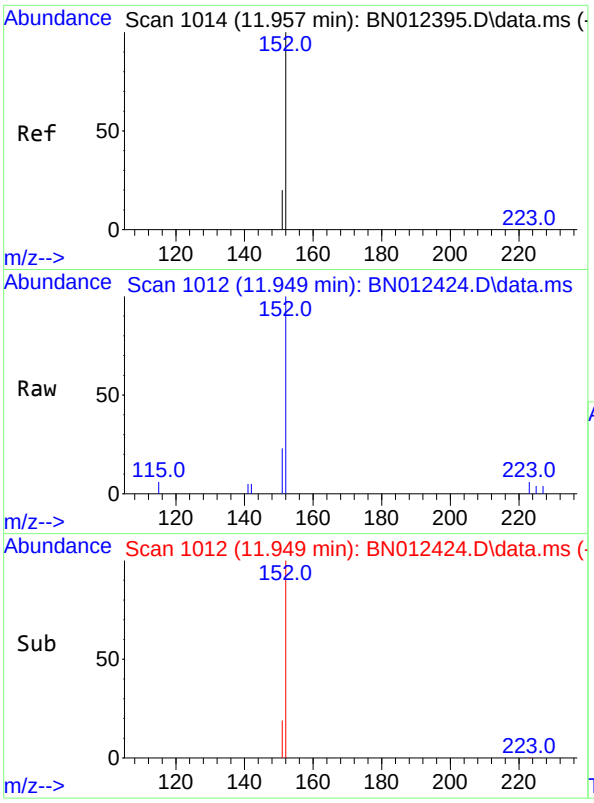
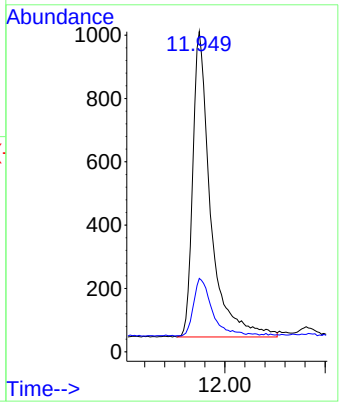
PB132530BS

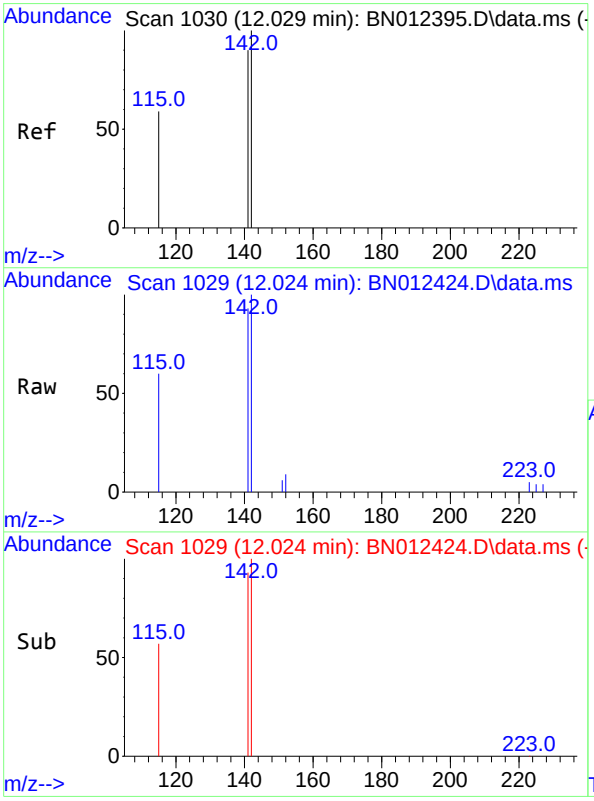


#11
2-Methylnaphthalene-d10
Concen: 0.36 ng
RT: 11.949 min Scan# 1012
Delta R.T. -0.004 min
Lab File: BN012424.D
Acq: 28 Oct 2020 16:34

Tgt Ion:152 Resp: 2387

Ion	Ratio	Lower	Upper
152	100		
151	19.1	16.7	25.1

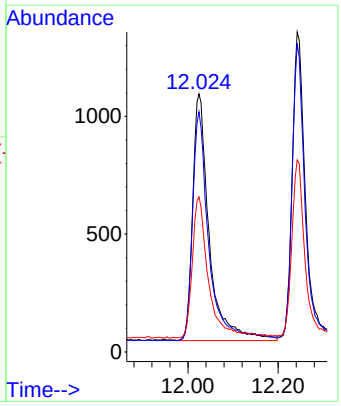




#12
2-Methylnaphthalene
Concen: 0.36 ng
RT: 12.024 min Scan# 1029
Delta R.T. -0.004 min
Lab File: BN012424.D
Acq: 28 Oct 2020 16:34

Tgt Ion:142 Resp: 2673

Ion	Ratio	Lower	Upper
142	100		
141	93.1	69.4	104.2
115	60.1	35.7	53.5#



Instrument :
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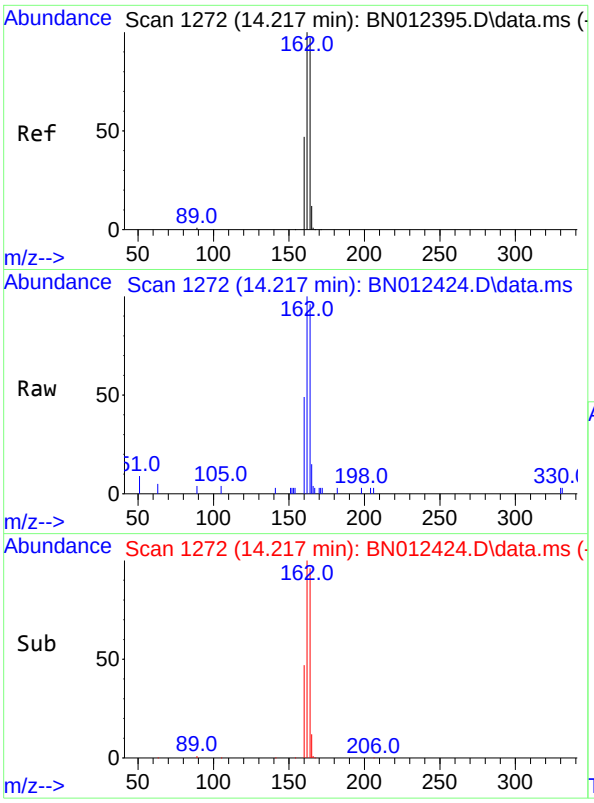
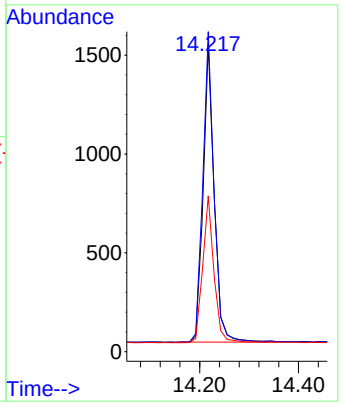
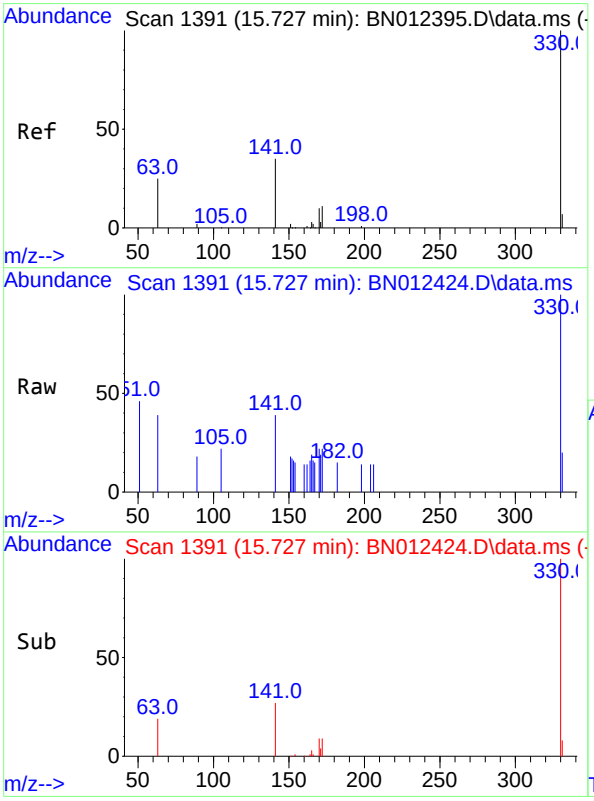


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.217 min Scan# 1272
Delta R.T. 0.000 min
Lab File: BN012424.D
Acq: 28 Oct 2020 16:34

Tgt Ion:164 Resp: 2340

Ion	Ratio	Lower	Upper
164	100		
162	104.2	80.6	120.8
160	50.7	39.5	59.3

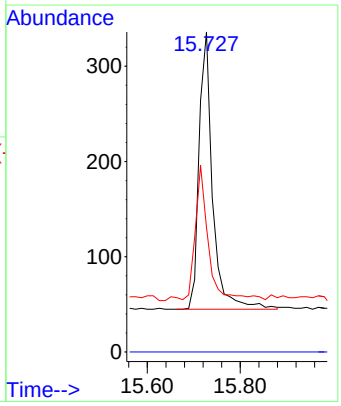




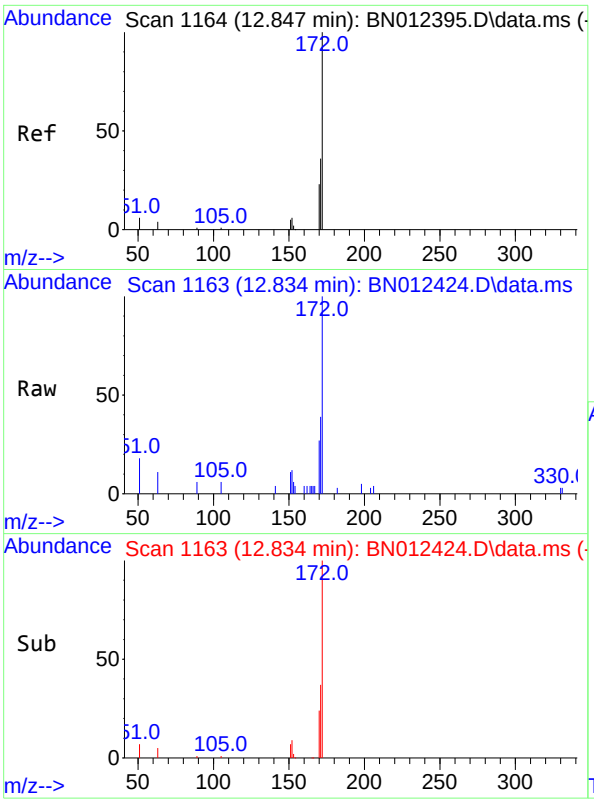
#14
2,4,6-Tribromophenol
Concen: 0.35 ng
RT: 15.727 min Scan# 1391
Delta R.T. 0.000 min
Lab File: BN012424.D
Acq: 28 Oct 2020 16:34

Tgt Ion:330 Resp: 587

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	45.5	34.4	51.6



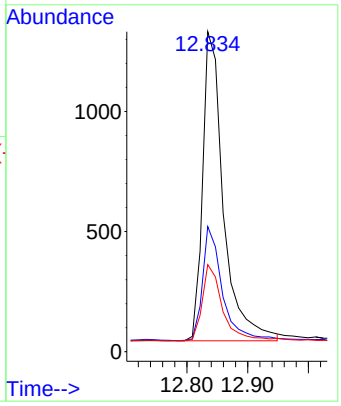
Instrument :
BNA_N
ClientSampleId :
PB132530BS

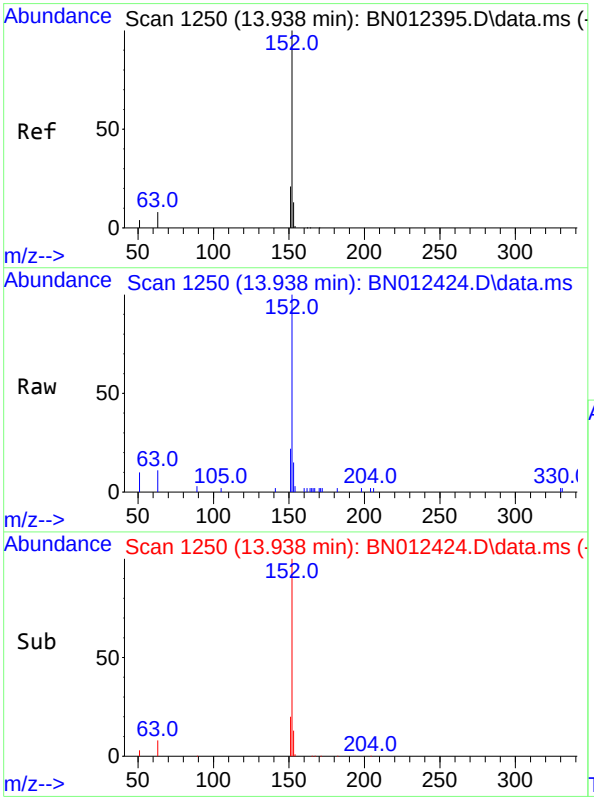


#15
2-Fluorobiphenyl
Concen: 0.35 ng
RT: 12.834 min Scan# 1163
Delta R.T. -0.013 min
Lab File: BN012424.D
Acq: 28 Oct 2020 16:34

Tgt Ion:172 Resp: 3069

Ion	Ratio	Lower	Upper
172	100		
171	39.1	28.2	42.4
170	27.2	20.0	30.0

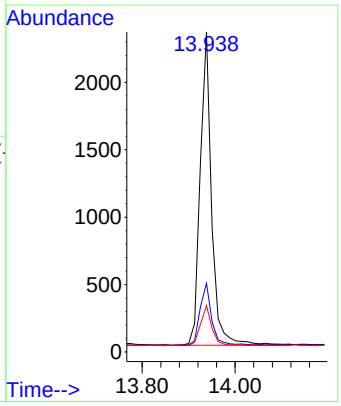




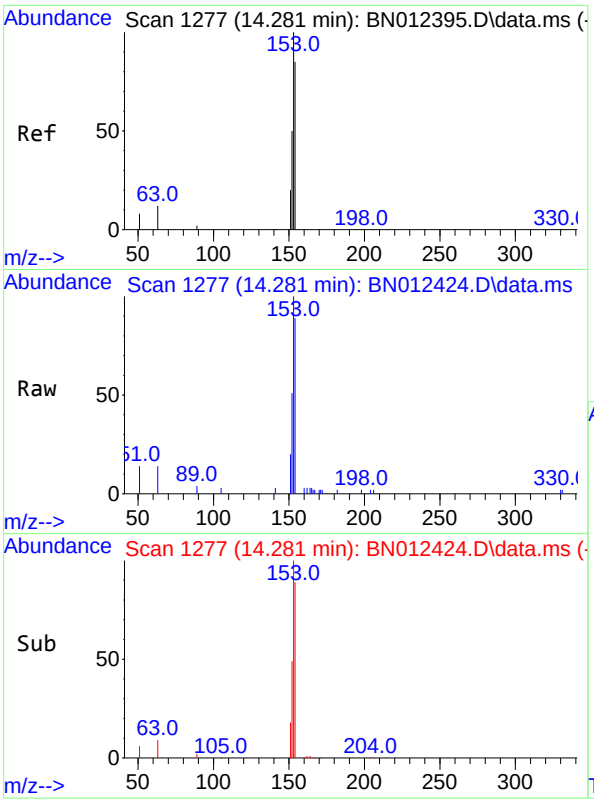
#16
Acenaphthylene
Concen: 0.34 ng
RT: 13.938 min Scan# 1250
Delta R.T. 0.000 min
Lab File: BN012424.D
Acq: 28 Oct 2020 16:34

Tgt Ion:152 Resp: 3968

Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.8	23.8
153	13.2	10.6	16.0



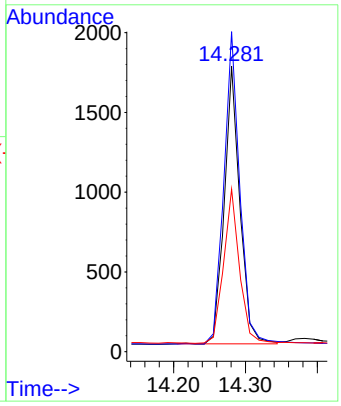
Instrument :
BNA_N
ClientSampleId :
PB132530BS

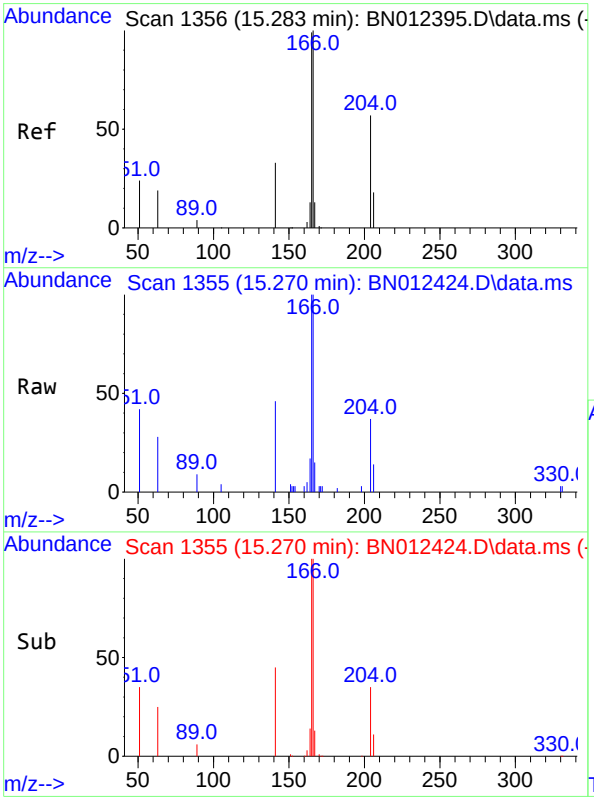


#17
Acenaphthene
Concen: 0.36 ng
RT: 14.281 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BN012424.D
Acq: 28 Oct 2020 16:34

Tgt Ion:154 Resp: 2621

Ion	Ratio	Lower	Upper
154	100		
153	116.3	83.6	125.4
152	57.2	43.9	65.9

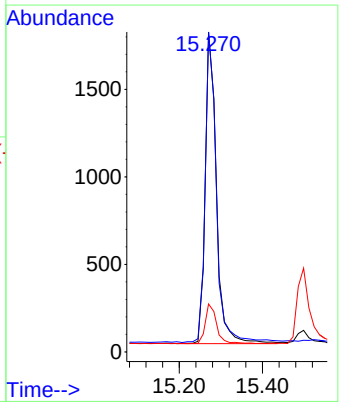




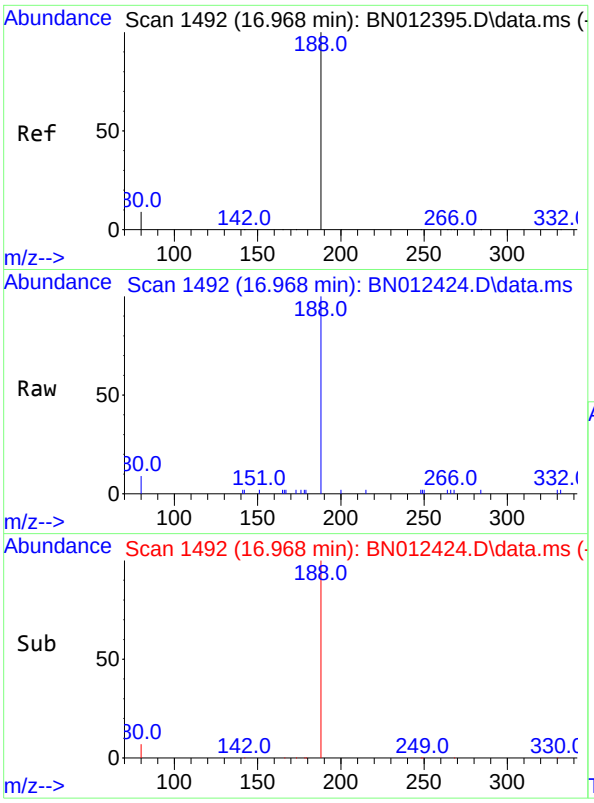
#18
Fluorene
Concen: 0.35 ng
RT: 15.270 min Scan# 1355
Delta R.T. -0.013 min
Lab File: BN012424.D
Acq: 28 Oct 2020 16:34

Tgt Ion:166 Resp: 3317

Ion	Ratio	Lower	Upper
166	100		
165	99.3	78.6	118.0
167	13.1	10.7	16.1



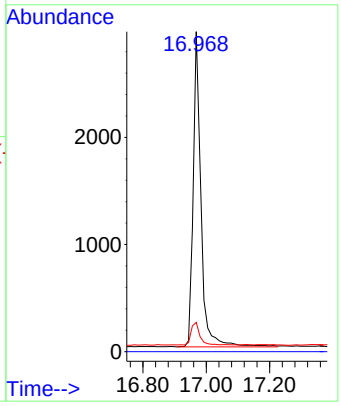
Instrument :
BNA_N
ClientSampleId :
PB132530BS

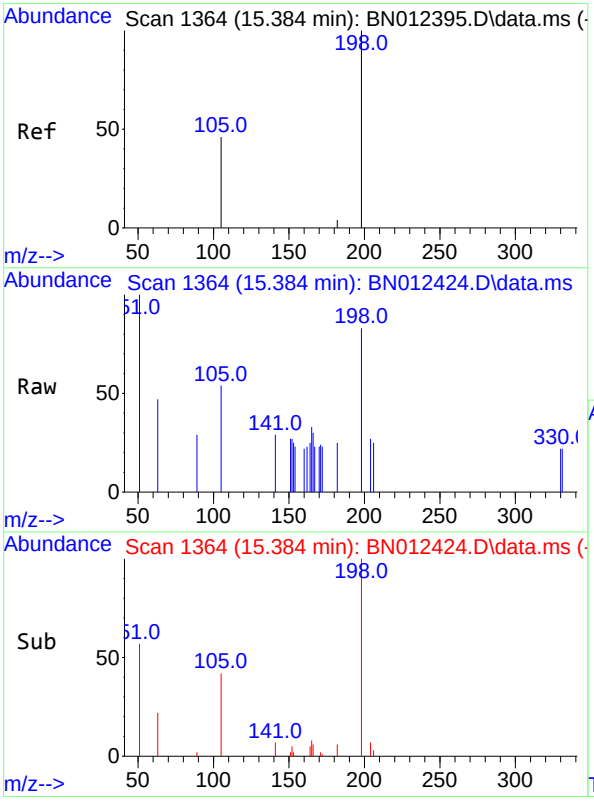


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.968 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BN012424.D
Acq: 28 Oct 2020 16:34

Tgt Ion:188 Resp: 5053

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.1	5.0	7.4#

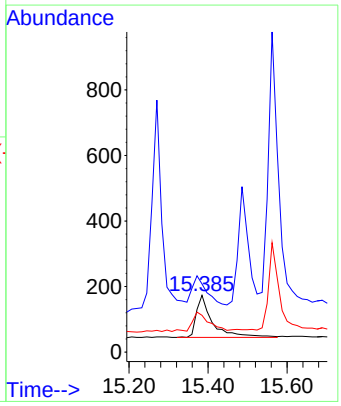




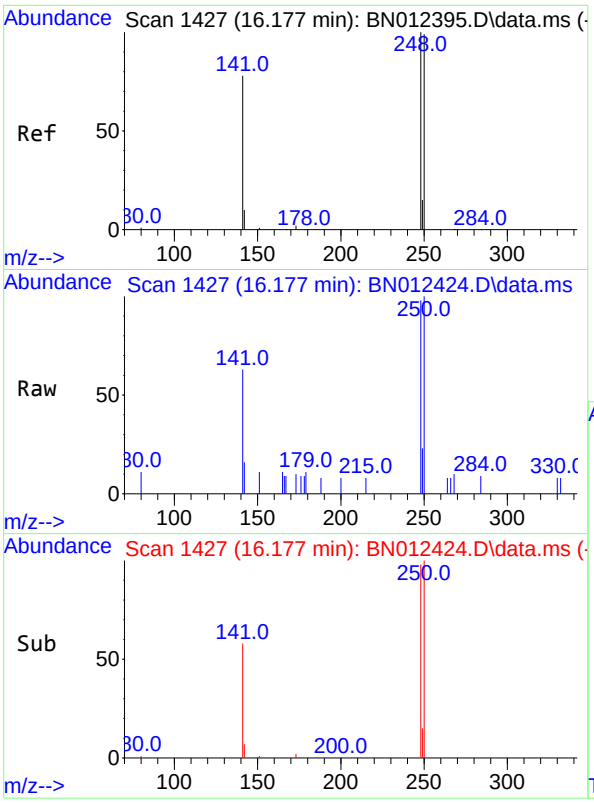
#20
4,6-Dinitro-2-methylphenol
Concen: 0.31 ng
RT: 15.384 min Scan# 1364
Delta R.T. -0.013 min
Lab File: BN012424.D
Acq: 28 Oct 2020 16:34

Tgt Ion:198 Resp: 361

Ion	Ratio	Lower	Upper
198	100		
51	120.2	43.5	65.3#
105	64.7	27.2	40.8#



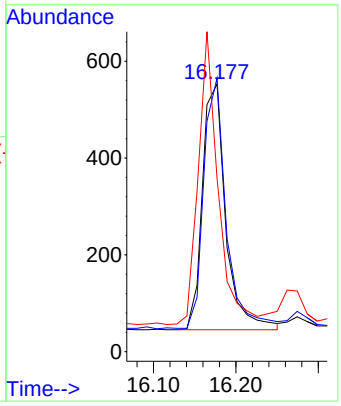
Instrument :
BNA_N
ClientSampleId :
PB132530BS

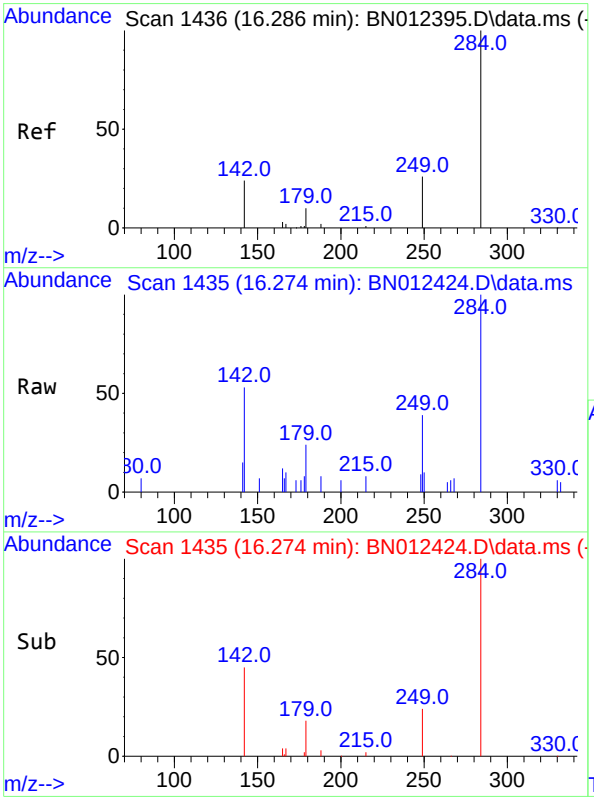


#21
4-Bromophenyl-phenylether
Concen: 0.33 ng
RT: 16.177 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BN012424.D
Acq: 28 Oct 2020 16:34

Tgt Ion:248 Resp: 1003

Ion	Ratio	Lower	Upper
248	100		
250	102.2	77.3	115.9
141	64.7	57.8	86.8

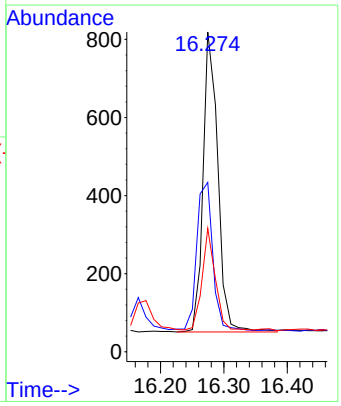




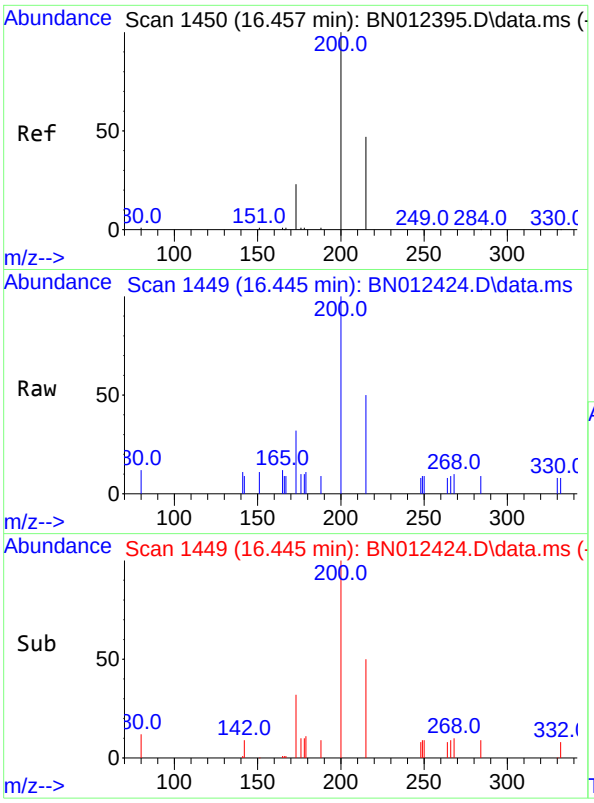
#22
Hexachlorobenzene
Concen: 0.34 ng
RT: 16.274 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BN012424.D
Acq: 28 Oct 2020 16:34

Tgt Ion:284 Resp: 1246

Ion	Ratio	Lower	Upper
284	100		
142	53.3	32.0	48.0#
249	29.9	27.0	40.6



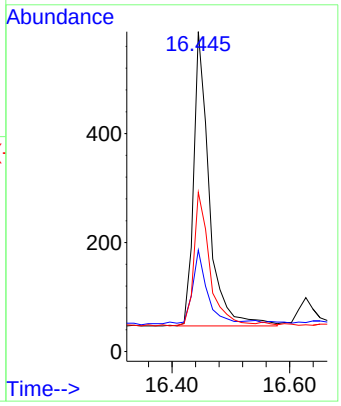
Instrument :
BNA_N
ClientSampleId :
PB132530BS

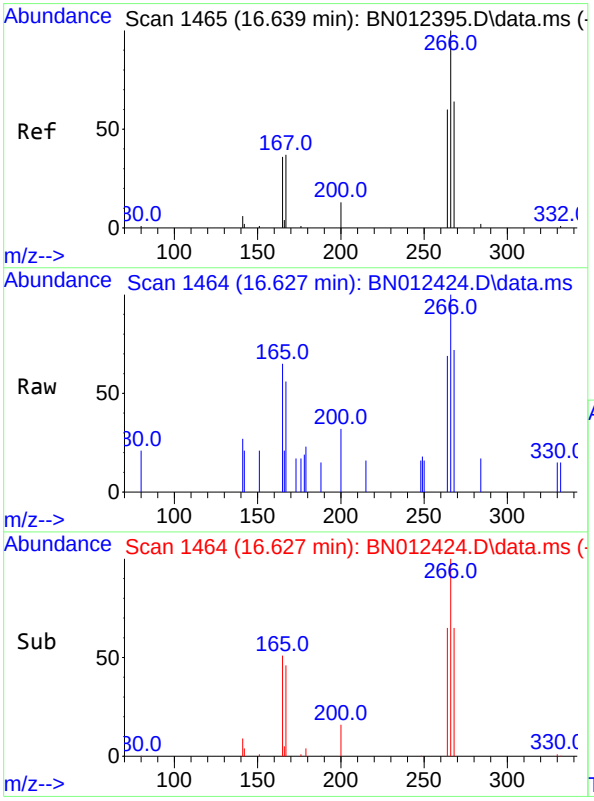


#23
Atrazine
Concen: 0.34 ng
RT: 16.445 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BN012424.D
Acq: 28 Oct 2020 16:34

Tgt Ion:200 Resp: 995

Ion	Ratio	Lower	Upper
200	100		
173	31.7	22.8	34.2
215	49.7	38.1	57.1

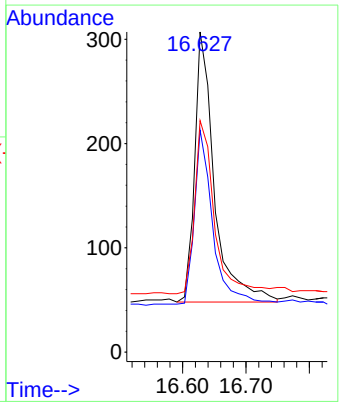




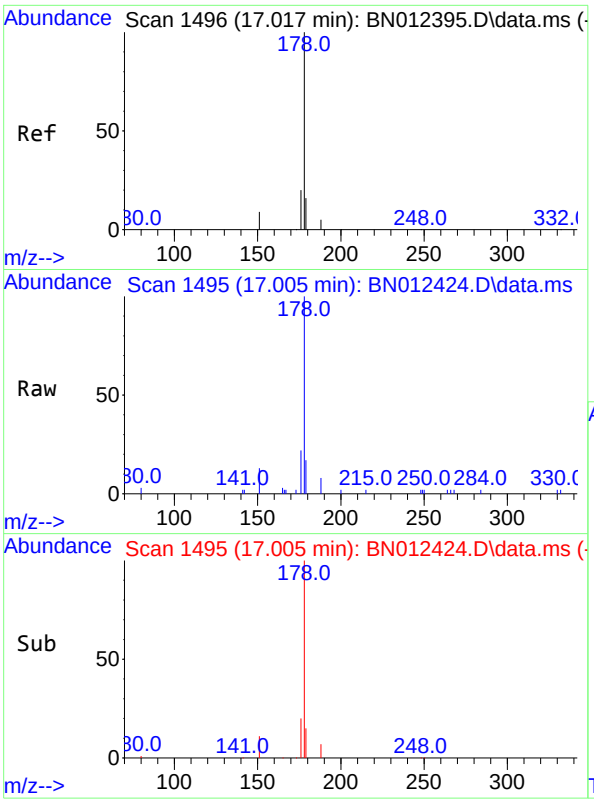
#24
Pentachlorophenol
Concen: 0.33 ng
RT: 16.627 min Scan# 1464
Delta R.T. -0.012 min
Lab File: BN012424.D
Acq: 28 Oct 2020 16:34

Tgt Ion:266 Resp: 561

Ion	Ratio	Lower	Upper
266	100		
264	60.4	50.9	76.3
268	66.0	51.5	77.3



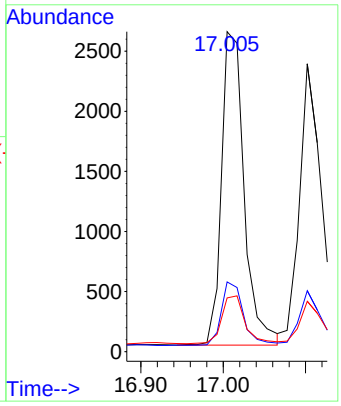
Instrument :
BNA_N
ClientSampleId :
PB132530BS

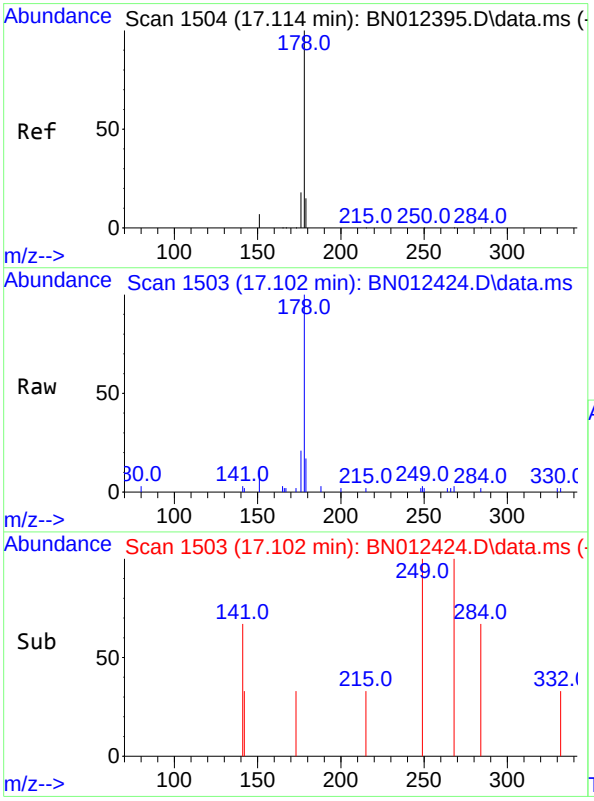


#25
Phenanthrene
Concen: 0.34 ng
RT: 17.005 min Scan# 1495
Delta R.T. -0.012 min
Lab File: BN012424.D
Acq: 28 Oct 2020 16:34

Tgt Ion:178 Resp: 5000

Ion	Ratio	Lower	Upper
178	100		
176	19.8	14.8	22.2
179	15.7	12.4	18.6

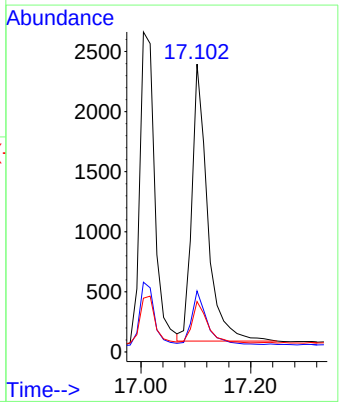




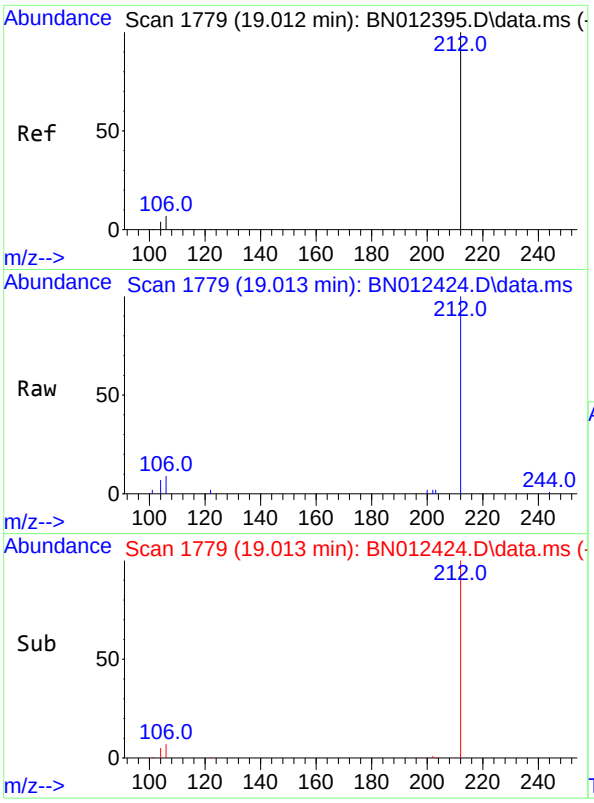
#26
Anthracene
Concen: 0.34 ng
RT: 17.102 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BN012424.D
Acq: 28 Oct 2020 16:34

Tgt Ion:178 Resp: 4587

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.8	22.2
179	14.5	12.5	18.7



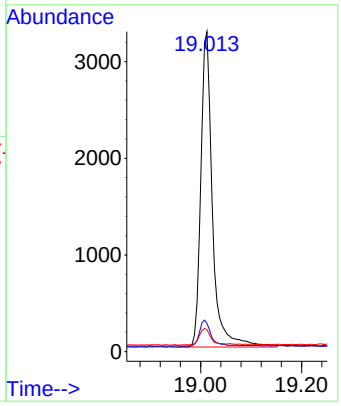
Instrument :
BNA_N
ClientSampleId :
PB132530BS

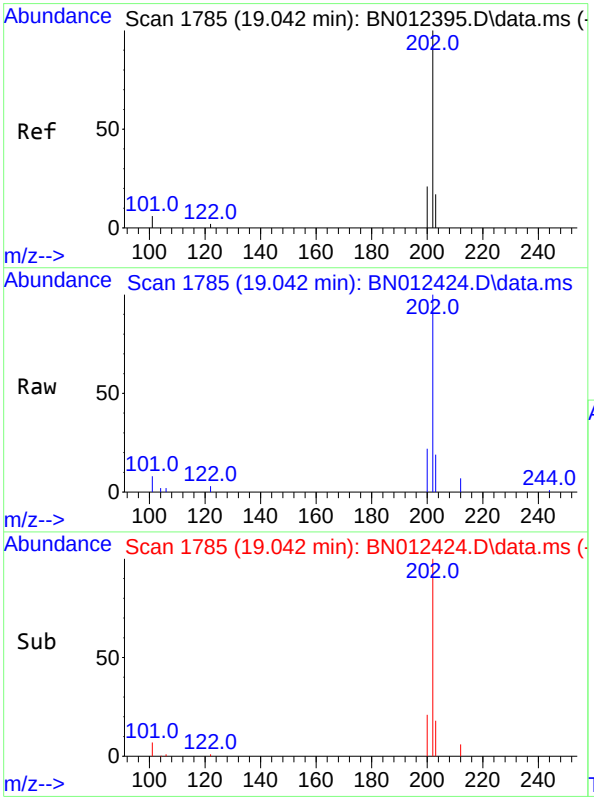


#27
Fluoranthene-d10
Concen: 0.33 ng
RT: 19.013 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BN012424.D
Acq: 28 Oct 2020 16:34

Tgt Ion:212 Resp: 5218

Ion	Ratio	Lower	Upper
212	100		
106	8.0	6.8	10.2
104	5.1	4.1	6.1

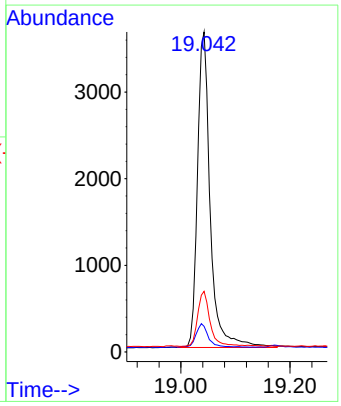




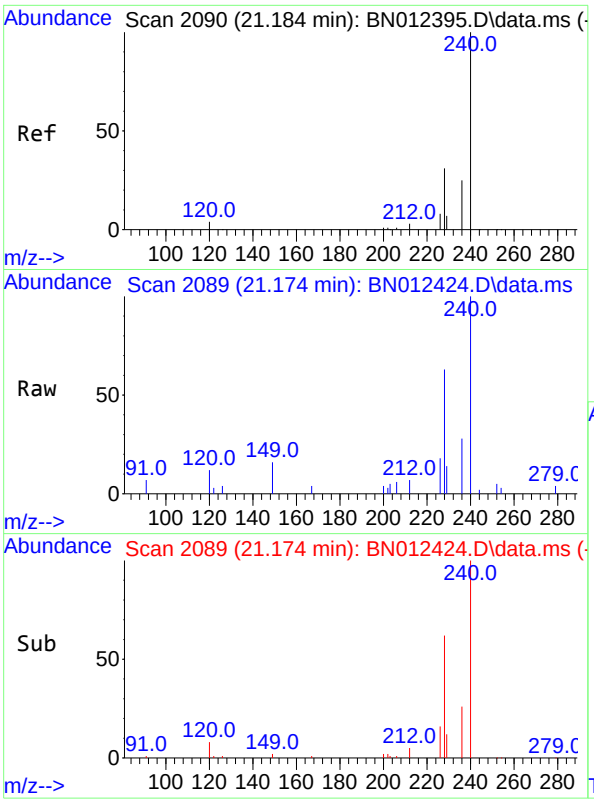
#28
Fluoranthene
Concen: 0.34 ng
RT: 19.042 min Scan# 1785
Delta R.T. 0.000 min
Lab File: BN012424.D
Acq: 28 Oct 2020 16:34

Tgt Ion:202 Resp: 5907

Ion	Ratio	Lower	Upper
202	100		
101	7.8	5.8	8.6
203	16.9	13.7	20.5



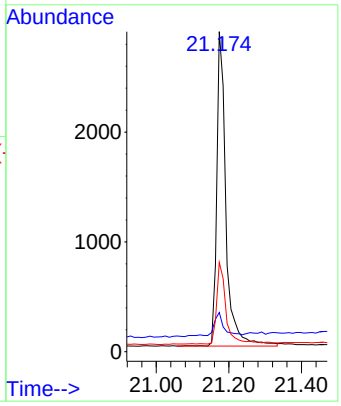
Instrument :
BNA_N
ClientSampleId :
PB132530BS

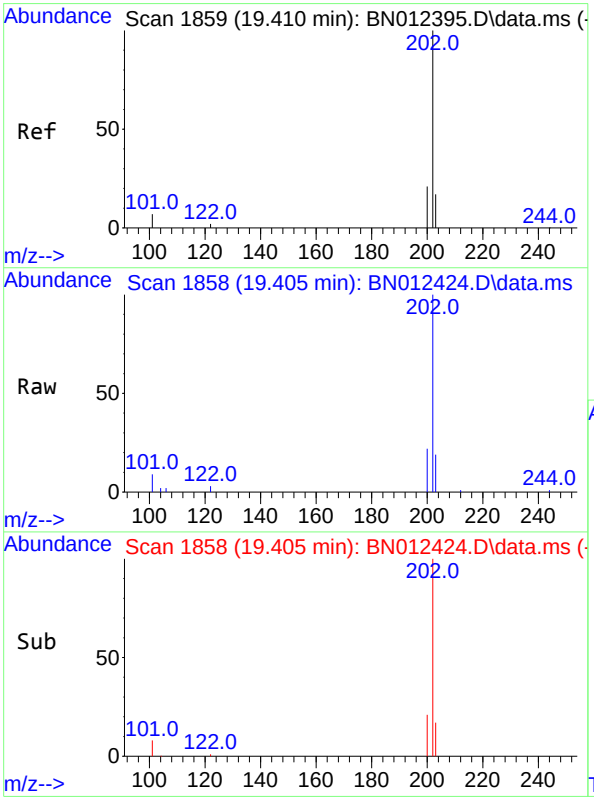


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.174 min Scan# 2089
Delta R.T. 0.000 min
Lab File: BN012424.D
Acq: 28 Oct 2020 16:34

Tgt Ion:240 Resp: 5009

Ion	Ratio	Lower	Upper
240	100		
120	12.2	5.3	7.9#
236	27.9	21.8	32.8

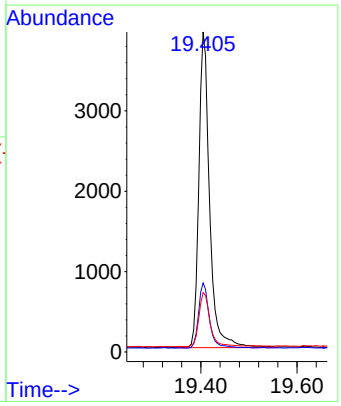




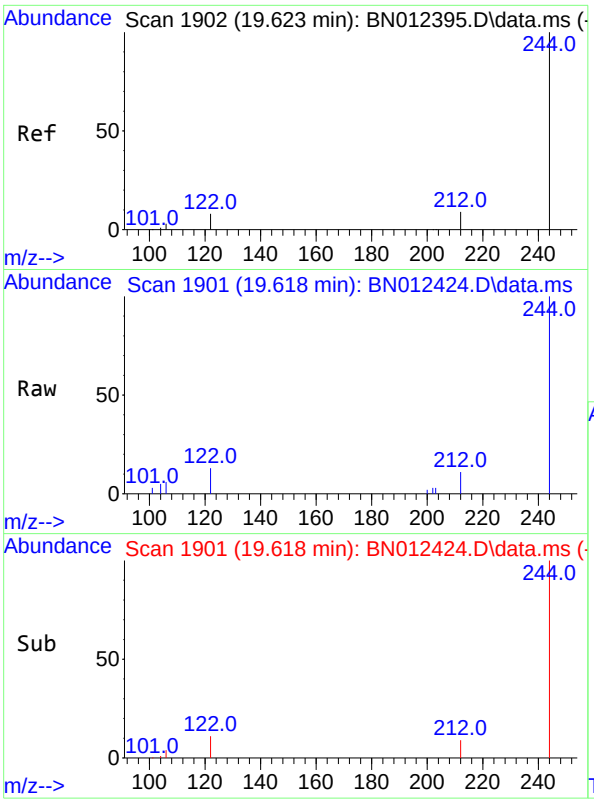
#30
Pyrene
Concen: 0.36 ng
RT: 19.405 min Scan# 1858
Delta R.T. -0.005 min
Lab File: BN012424.D
Acq: 28 Oct 2020 16:34

Tgt Ion:202 Resp: 6112

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.6	24.8
203	17.7	13.8	20.8



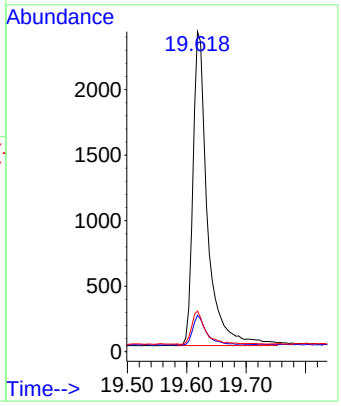
Instrument :
BNA_N
ClientSampleId :
PB132530BS

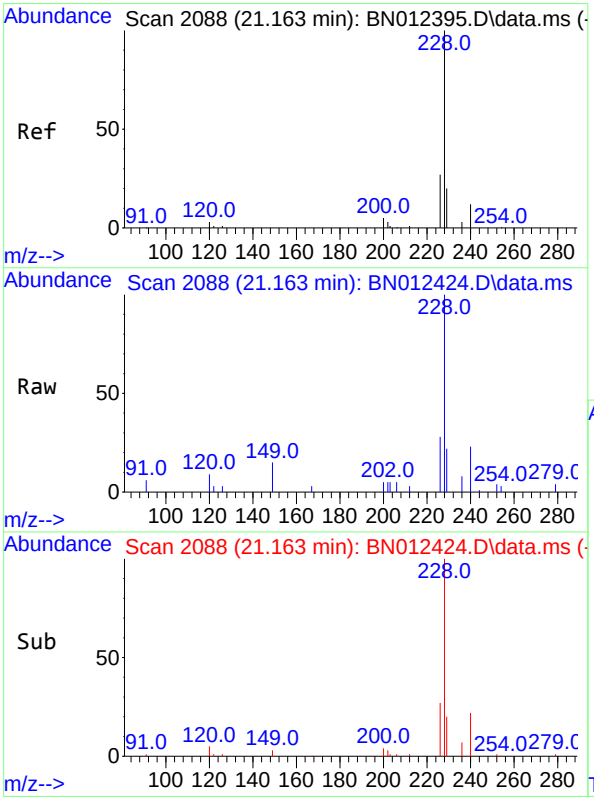


#31
Terphenyl-d14
Concen: 0.35 ng
RT: 19.618 min Scan# 1901
Delta R.T. -0.005 min
Lab File: BN012424.D
Acq: 28 Oct 2020 16:34

Tgt Ion:244 Resp: 4073

Ion	Ratio	Lower	Upper
244	100		
212	11.4	7.3	10.9#
122	12.7	7.3	10.9#

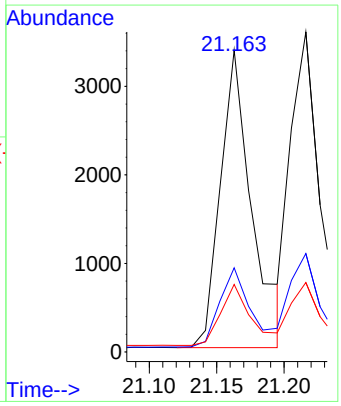




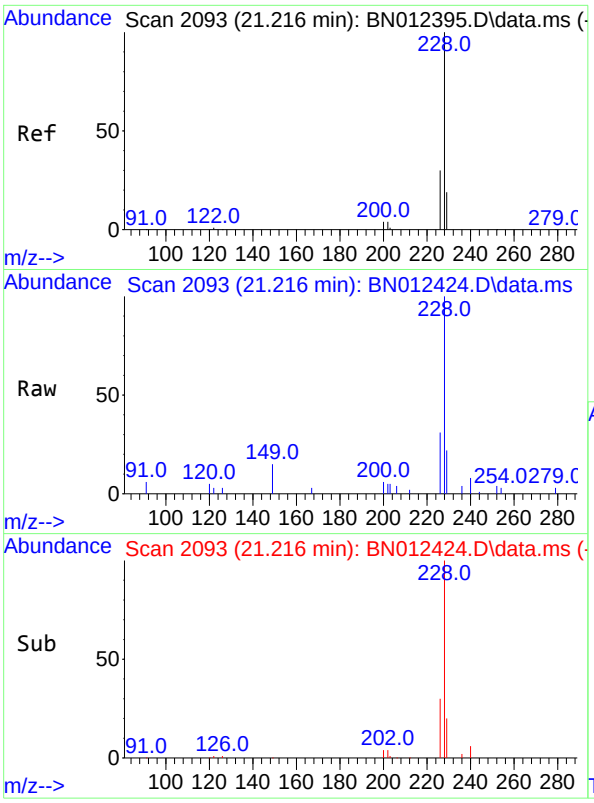
#32
Benzo(a)anthracene
Concen: 0.36 ng
RT: 21.163 min Scan# 2088
Delta R.T. 0.000 min
Lab File: BN012424.D
Acq: 28 Oct 2020 16:34

Tgt Ion:228 Resp: 5463

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.3	33.5
229	22.4	15.7	23.5



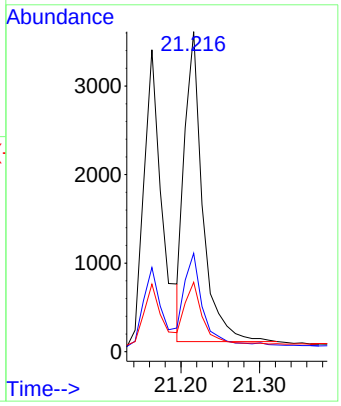
Instrument :
BNA_N
ClientSampleId :
PB132530BS

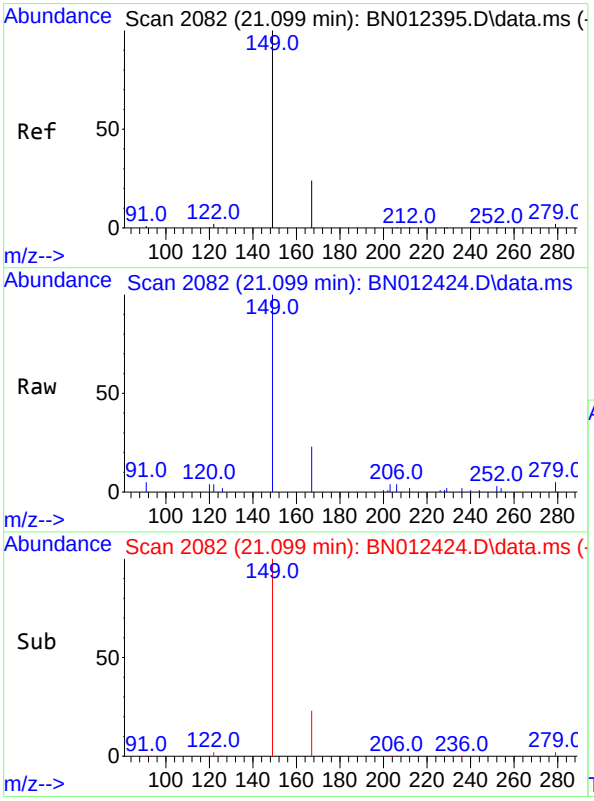


#33
Chrysene
Concen: 0.33 ng
RT: 21.216 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BN012424.D
Acq: 28 Oct 2020 16:34

Tgt Ion:228 Resp: 5566

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.2	36.2
229	21.7	15.7	23.5

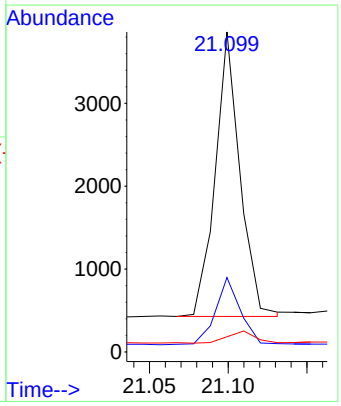




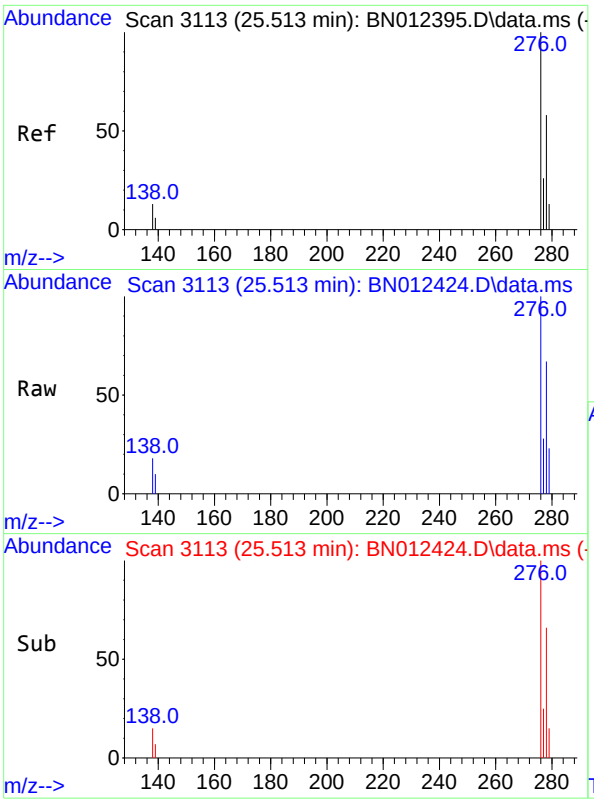
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.38 ng
RT: 21.099 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BN012424.D
Acq: 28 Oct 2020 16:34

Tgt Ion:149 Resp: 3743

Ion	Ratio	Lower	Upper
149	100		
167	23.3	23.2	34.8
279	4.7	3.9	5.9



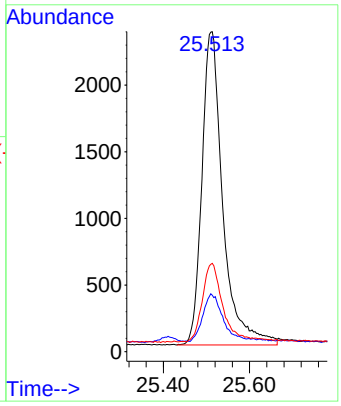
Instrument :
BNA_N
ClientSampleId :
PB132530BS

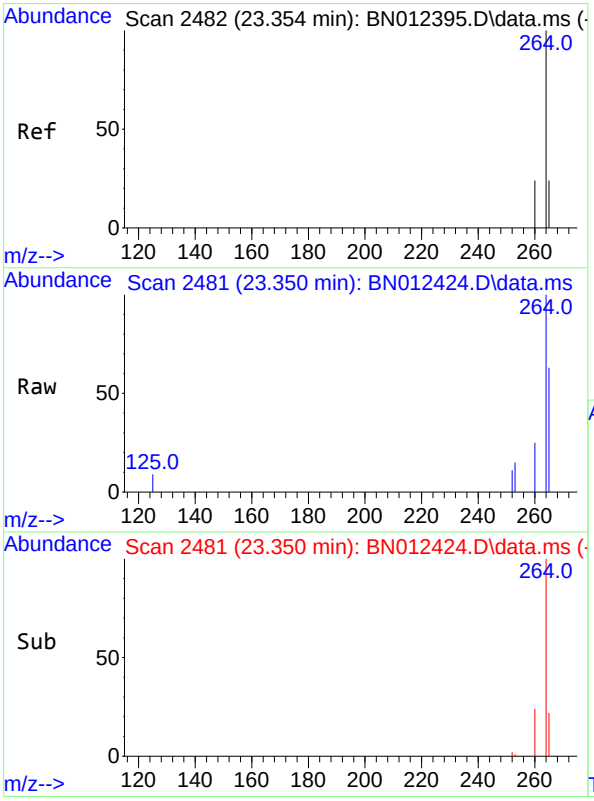


#35
Indeno(1,2,3-cd)pyrene
Concen: 0.32 ng
RT: 25.513 min Scan# 3113
Delta R.T. 0.003 min
Lab File: BN012424.D
Acq: 28 Oct 2020 16:34

Tgt Ion:276 Resp: 7919

Ion	Ratio	Lower	Upper
276	100		
138	14.5	13.3	19.9
277	24.0	20.2	30.4

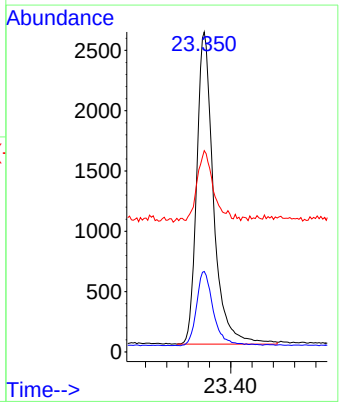




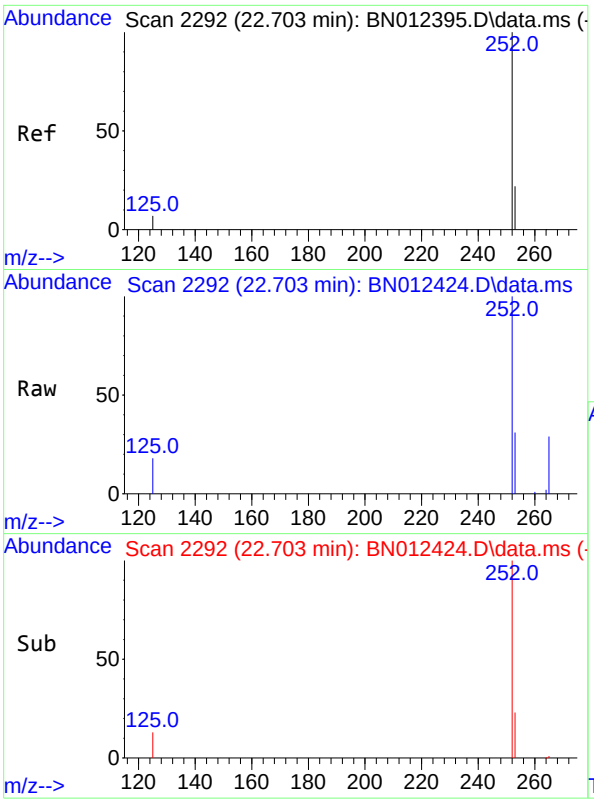
#36
Perylene-d12
Concen: 0.40 ng
RT: 23.350 min Scan# 2481
Delta R.T. -0.003 min
Lab File: BN012424.D
Acq: 28 Oct 2020 16:34

Tgt Ion:264 Resp: 5667

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.8	29.6
265	62.9	51.4	77.0



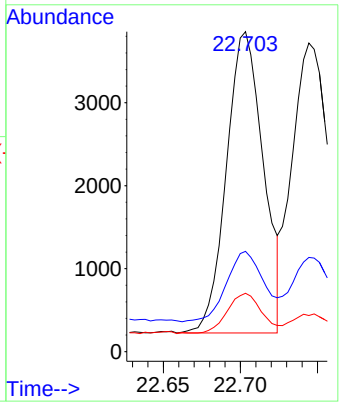
Instrument :
BNA_N
ClientSampleId :
PB132530BS

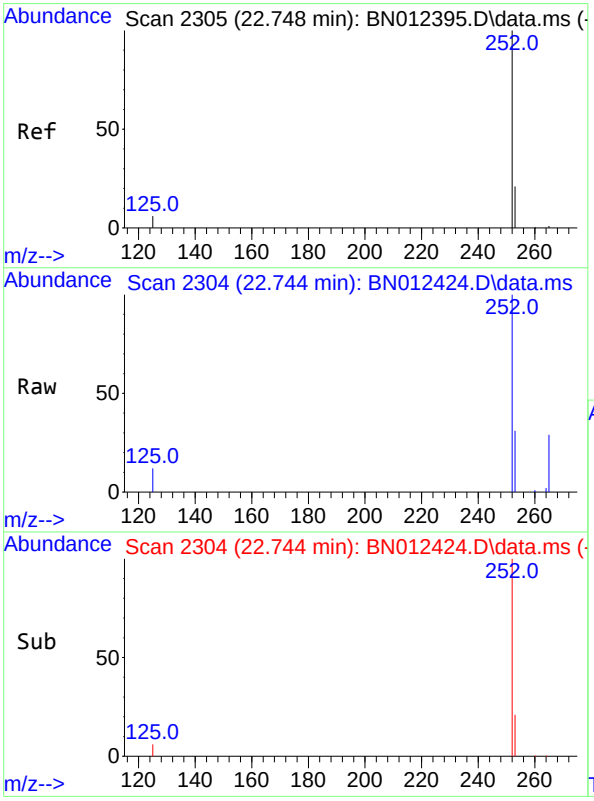


#37
Benzo(b)fluoranthene
Concen: 0.34 ng
RT: 22.703 min Scan# 2292
Delta R.T. 0.000 min
Lab File: BN012424.D
Acq: 28 Oct 2020 16:34

Tgt Ion:252 Resp: 6045

Ion	Ratio	Lower	Upper
252	100		
253	31.3	20.1	30.1#
125	18.3	7.2	10.8#

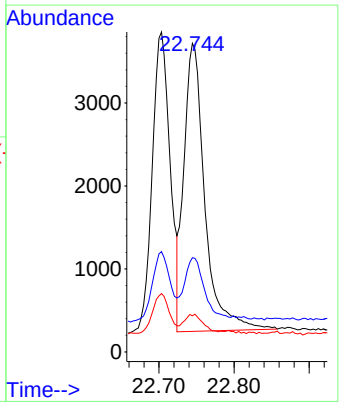




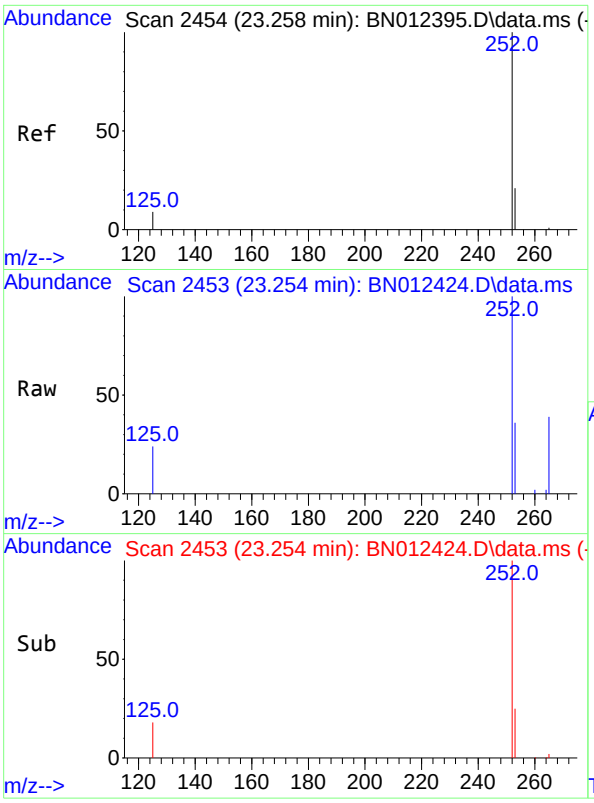
#38
Benzo(k)fluoranthene
Concen: 0.34 ng
RT: 22.744 min Scan# 2304
Delta R.T. -0.003 min
Lab File: BN012424.D
Acq: 28 Oct 2020 16:34

Tgt Ion:252 Resp: 6704

Ion	Ratio	Lower	Upper
252	100		
253	30.5	19.8	29.8#
125	11.7	7.1	10.7#



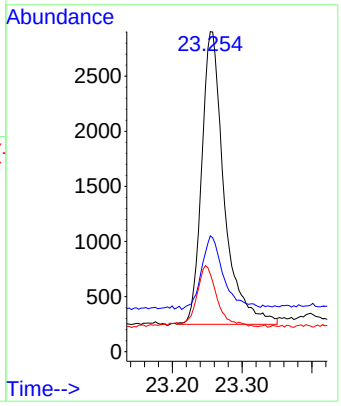
Instrument :
BNA_N
ClientSampleId :
PB132530BS

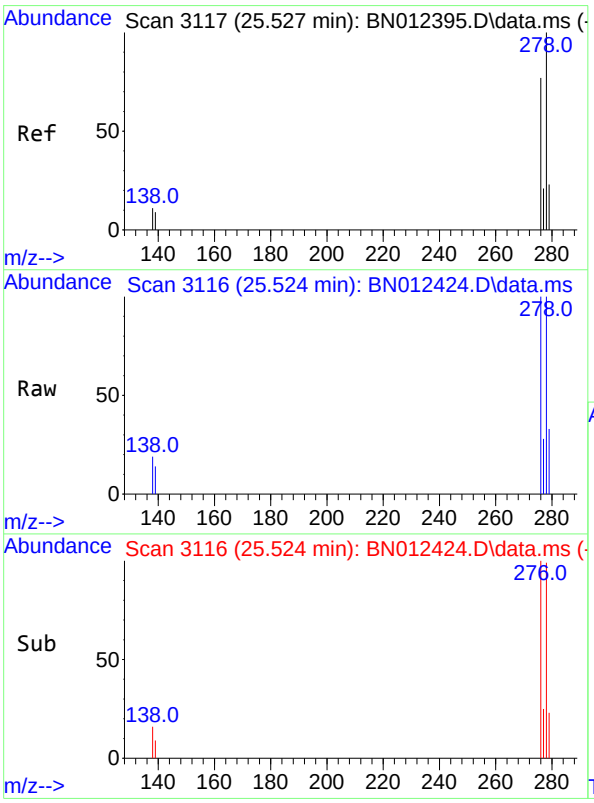


#39
Benzo(a)pyrene
Concen: 0.34 ng
RT: 23.254 min Scan# 2453
Delta R.T. -0.007 min
Lab File: BN012424.D
Acq: 28 Oct 2020 16:34

Tgt Ion:252 Resp: 5929

Ion	Ratio	Lower	Upper
252	100		
253	36.2	21.3	31.9#
125	24.2	8.3	12.5#

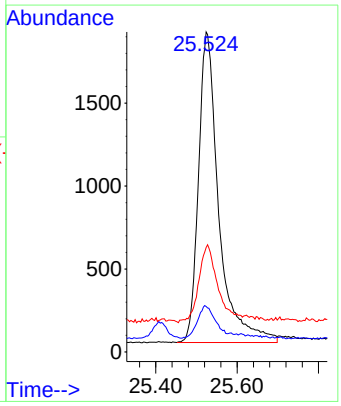


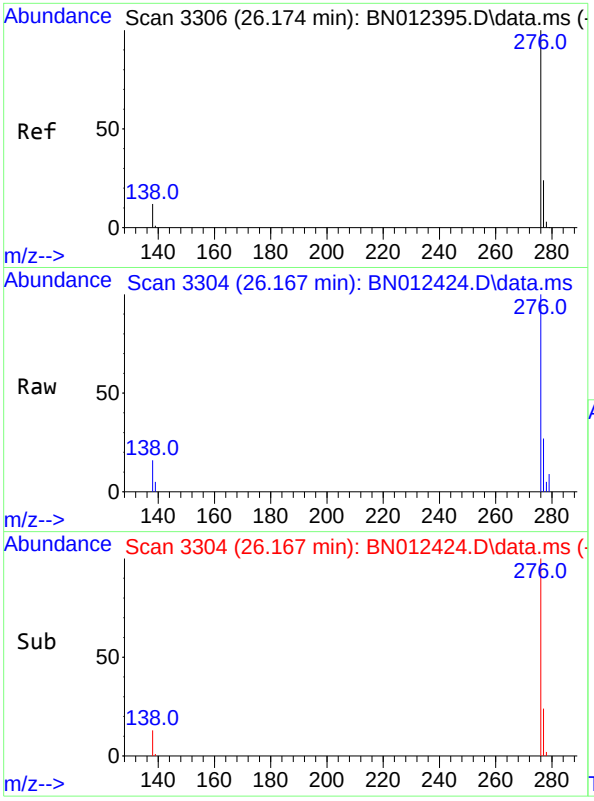


#40
Dibenzo(a,h)anthracene
Concen: 0.33 ng
RT: 25.524 min Scan# 3116
Delta R.T. -0.003 min
Lab File: BN012424.D
Acq: 28 Oct 2020 16:34

Tgt Ion:278 Resp: 6467

Ion	Ratio	Lower	Upper
278	100		
139	14.2	9.3	13.9#
279	32.7	21.6	32.4#

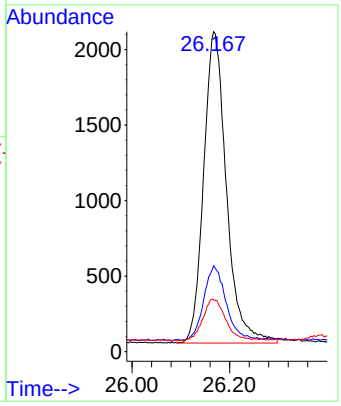




#41
Benzo(g,h,i)perylene
Concen: 0.32 ng
RT: 26.167 min Scan# 3304
Delta R.T. -0.003 min
Lab File: BN012424.D
Acq: 28 Oct 2020 16:34

Tgt Ion:276 Resp: 6666

Ion	Ratio	Lower	Upper
276	100		
277	26.9	19.8	29.8
138	16.2	11.7	17.5



Instrument :
BNA_N
ClientSampleId :
PB132530BS