Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030121\
Data File : BN013793.D
Acq On : 01 Mar 2021 16:16
Operator : CG/JU
Sample : PB134867BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB134867BS

Quant Time: Mar 01 17:23:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 25 11:31:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.741	152	5530	0.40	ng		0.00
7) Naphthalene-d8	10.518	136	20705	0.40	ng		-0.01
13) Acenaphthene-d10	14.371	164	10782	0.40	ng		0.00
19) Phenanthrene-d10	17.116	188	22829	0.40	ng		#-0.01
29) Chrysene-d12	21.303	240	20962	0.40	ng		# 0.00
36) Perylene-d12	23.544	264	19510	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.324	112	5015	0.34	ng		0.00
5) Phenol-d6	6.895	99	6790	0.34	ng		0.00
8) Nitrobenzene-d5	8.883	82	5351	0.40	ng		0.00
11) 2-Methylnaphthalene-d10	12.111	152	13081	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.856	330	1275	0.29	ng		-0.01
15) 2-Fluorobiphenyl	12.989	172	17266	0.45	ng		-0.01
27) Fluoranthene-d10	19.149	212	24687	0.37	ng		0.00
31) Terphenyl-d14	19.754	244	19622	0.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.263	88	2888	0.43	ng		99
3) n-Nitrosodimethylamine	3.585	42	1917	0.37	ng	#	90
6) bis(2-Chloroethyl)ether	7.161	93	6272	0.45	ng		95
9) Naphthalene	10.568	128	21319	0.42	ng		100
10) Hexachlorobutadiene	10.860	225	4086	0.42	ng	#	99
12) 2-Methylnaphthalene	12.186	142	14072	0.39	ng		99
16) Acenaphthylene	14.092	152	16637	0.35	ng		100
17) Acenaphthene	14.435	154	12377	0.41	ng		99
18) Fluorene	15.425	166	15166	0.39	ng		99
20) 4,6-Dinitro-2-methylph...	15.488	198	792	0.50	ng	#	50
21) 4-Bromophenyl-phenylether	16.313	248	4912	0.40	ng		100
22) Hexachlorobenzene	16.422	284	5739	0.44	ng		99
23) Atrazine	16.581	200	2875	0.25	ng	#	95
24) Pentachlorophenol	16.763	266	1234	0.29	ng		97
25) Phenanthrene	17.153	178	25116	0.42	ng		100
26) Anthracene	17.250	178	20293	0.35	ng		99
28) Fluoranthene	19.178	202	27009	0.38	ng		99
30) Pyrene	19.541	202	27018	0.42	ng		100
32) Benzo(a)anthracene	21.282	228	23137	0.36	ng		98
33) Chrysene	21.335	228	26684	0.42	ng		98
34) Bis(2-ethylhexyl)phtha...	21.229	149	6478	0.21	ng		98
35) Indeno(1,2,3-cd)pyrene	25.806	276	30334	0.40	ng		100
37) Benzo(b)fluoranthene	22.870	252	25907	0.42	ng		95
38) Benzo(k)fluoranthene	22.914	252	27769	0.46	ng	#	94
39) Benzo(a)pyrene	23.445	252	21450	0.38	ng	#	93
40) Dibenzo(a,h)anthracene	25.820	278	25203	0.42	ng		98
41) Benzo(g,h,i)perylene	26.491	276	25269	0.42	ng		98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030121\
Data File : BN013793.D
Acq On : 01 Mar 2021 16:16
Operator : CG/JU
Sample : PB134867BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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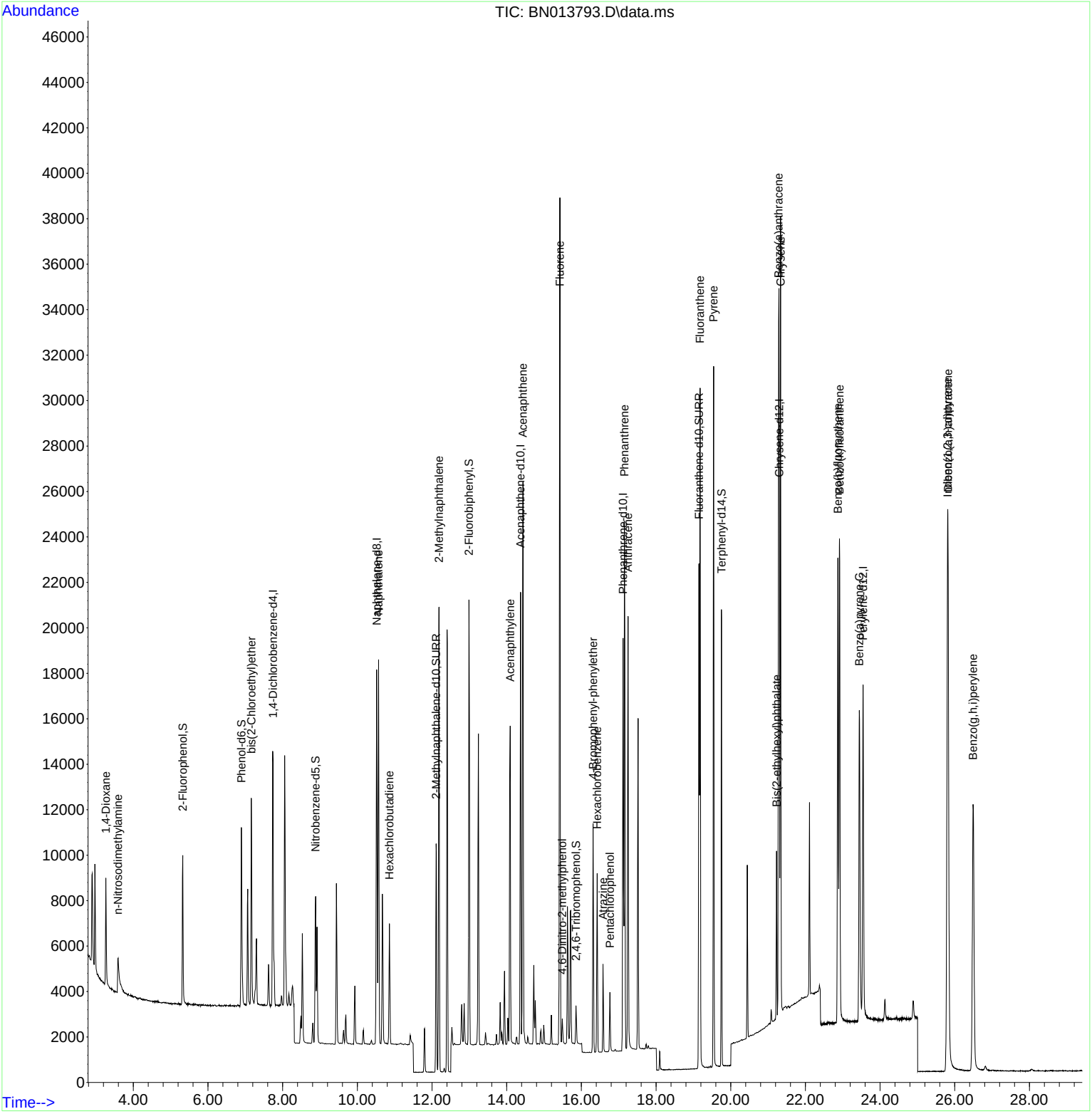
Quant Time: Mar 01 17:23:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 25 11:31:11 2021
Response via : Initial Calibration



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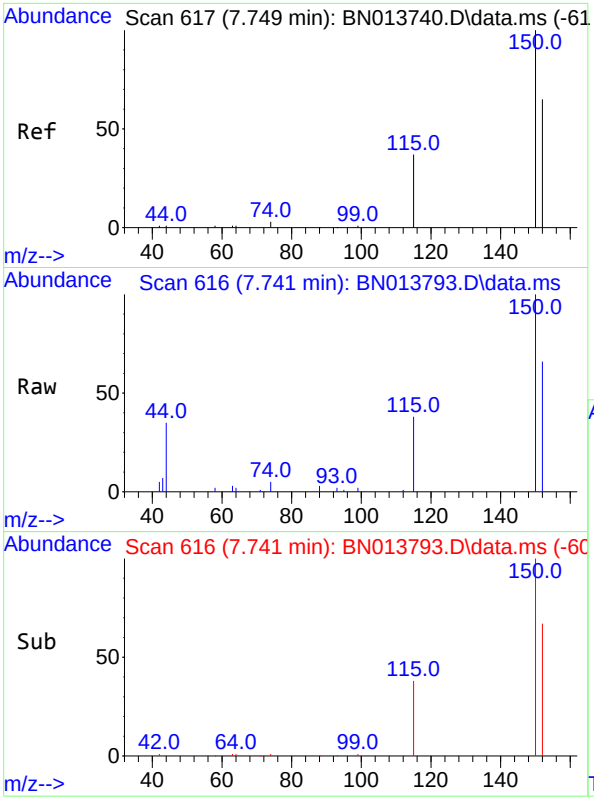
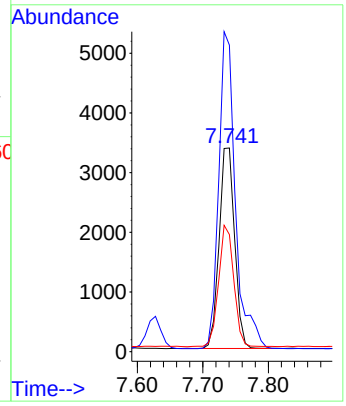
PB134867BS

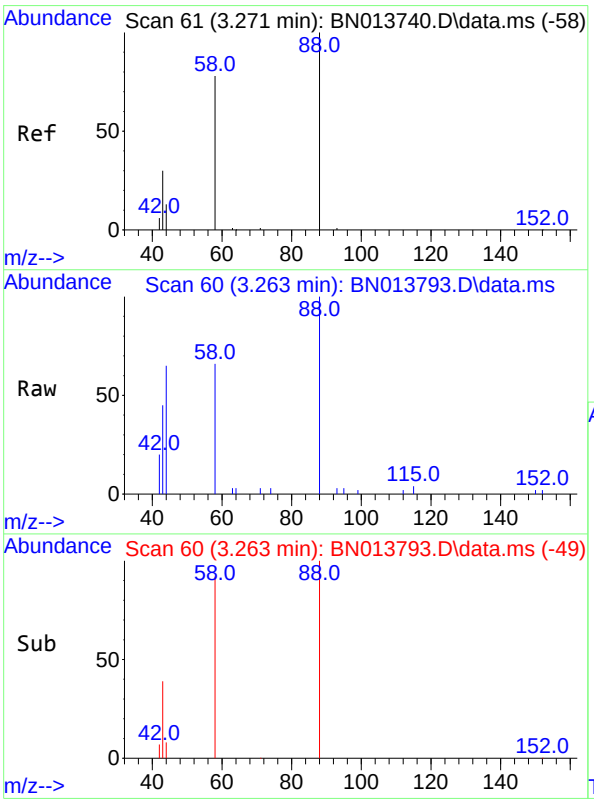


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.741 min Scan# 616
Delta R.T. -0.000 min
Lab File: BN013793.D
Acq: 01 Mar 2021 16:16

Tgt Ion:152 Resp: 5530

Ion	Ratio	Lower	Upper
152	100		
150	150.5	121.8	182.8
115	57.5	46.6	69.8

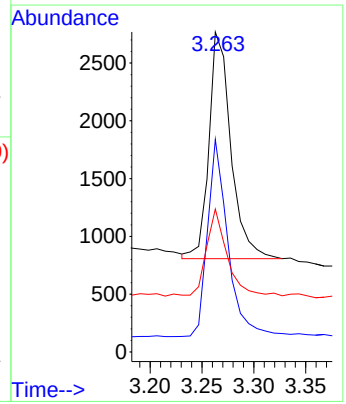




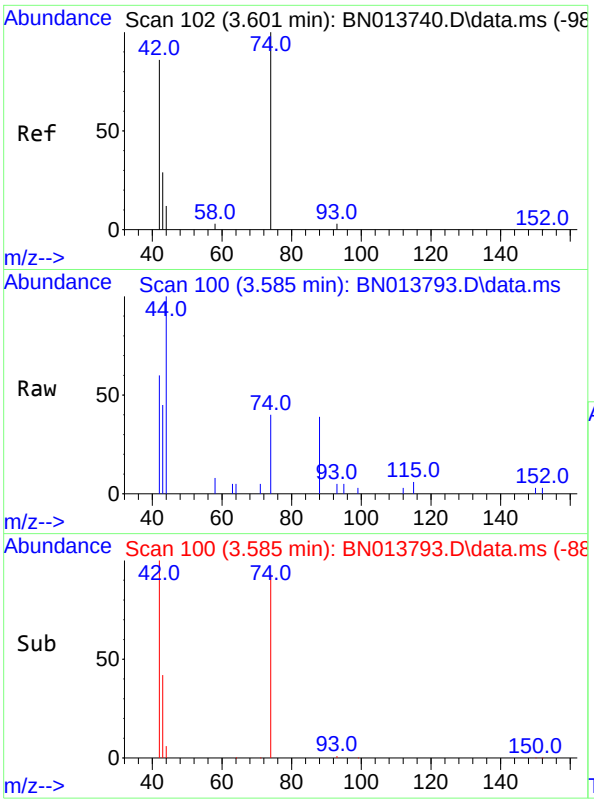
#2
1,4-Dioxane
Concen: 0.43 ng
RT: 3.263 min Scan# 60
Delta R.T. -0.008 min
Lab File: BN013793.D
Acq: 01 Mar 2021 16:16

Tgt Ion: 88 Resp: 2888

Ion	Ratio	Lower	Upper
88	100		
58	81.0	64.6	96.8
43	35.6	26.6	40.0



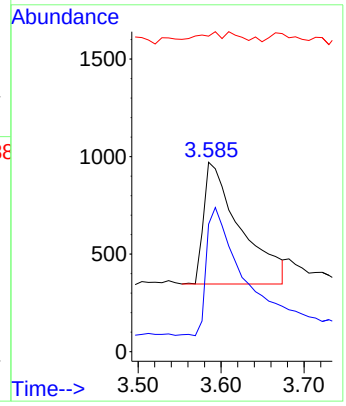
Instrument :
BNA_N
ClientSampleId :
PB134867BS

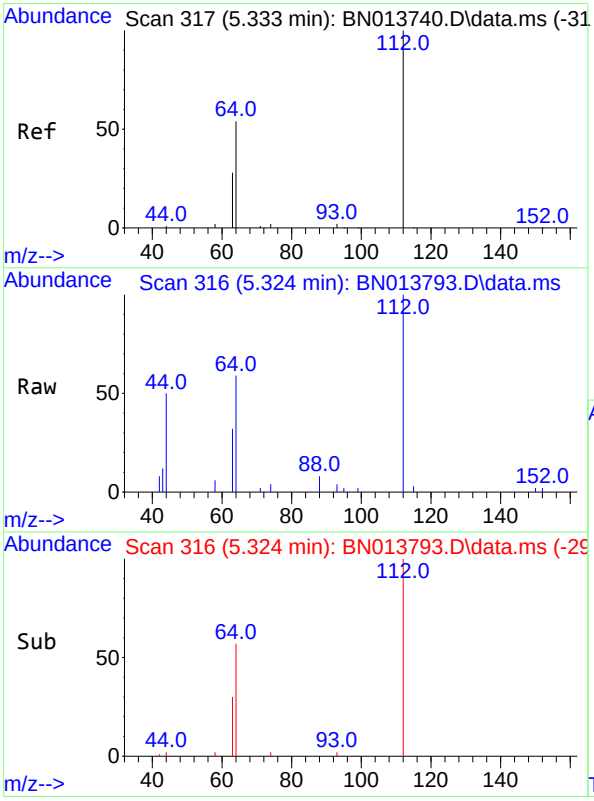


#3
n-Nitrosodimethylamine
Concen: 0.37 ng
RT: 3.585 min Scan# 100
Delta R.T. -0.000 min
Lab File: BN013793.D
Acq: 01 Mar 2021 16:16

Tgt Ion: 42 Resp: 1917

Ion	Ratio	Lower	Upper
42	100		
74	107.3	95.0	142.6
44	3.5	5.8	8.8#

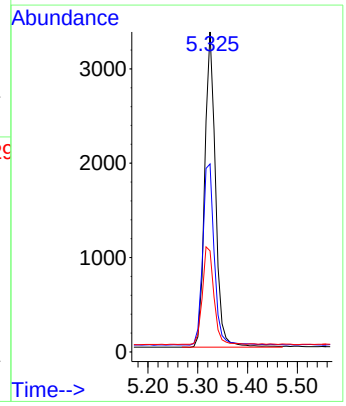




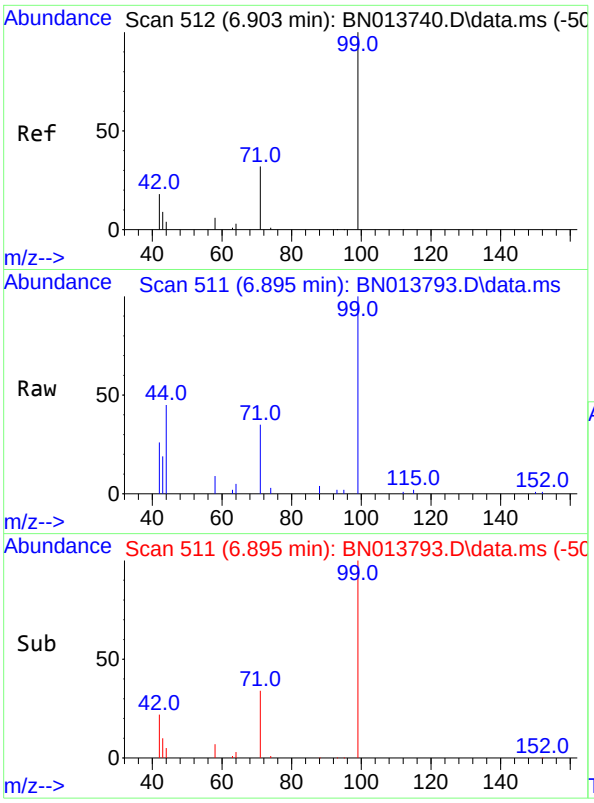
#4
2-Fluorophenol
Concen: 0.34 ng
RT: 5.324 min Scan# 316
Delta R.T. -0.000 min
Lab File: BN013793.D
Acq: 01 Mar 2021 16:16

Tgt Ion:112 Resp: 5015

Ion	Ratio	Lower	Upper
112	100		
64	61.5	44.3	66.5
63	32.5	23.0	34.6



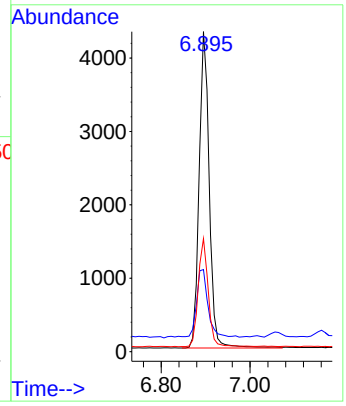
Instrument :
BNA_N
ClientSampleId :
PB134867BS

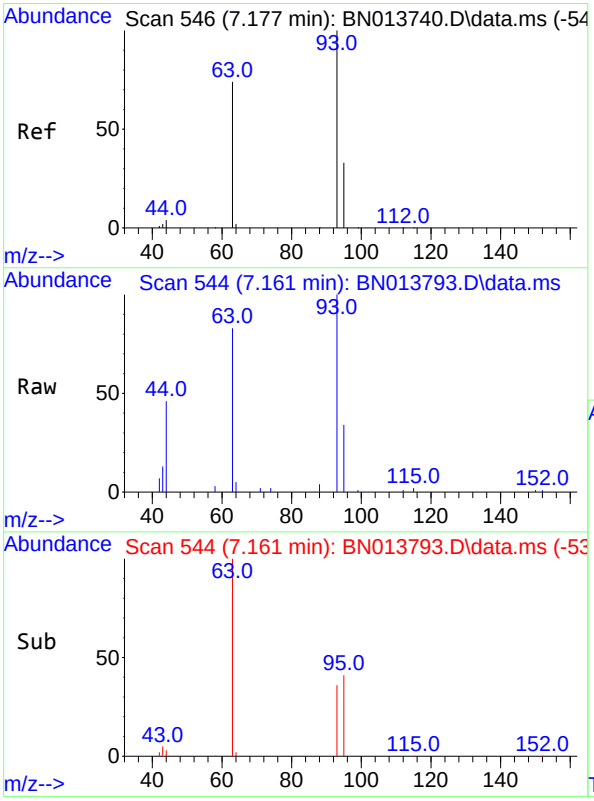


#5
Phenol-d6
Concen: 0.34 ng
RT: 6.895 min Scan# 511
Delta R.T. -0.008 min
Lab File: BN013793.D
Acq: 01 Mar 2021 16:16

Tgt Ion: 99 Resp: 6790

Ion	Ratio	Lower	Upper
99	100		
42	23.4	15.2	22.8#
71	33.6	26.1	39.1

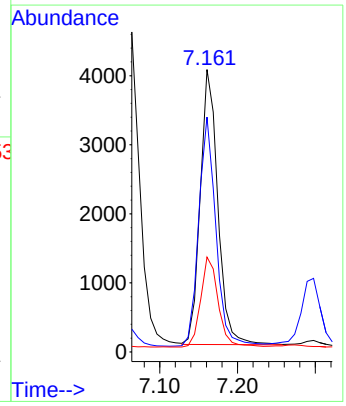




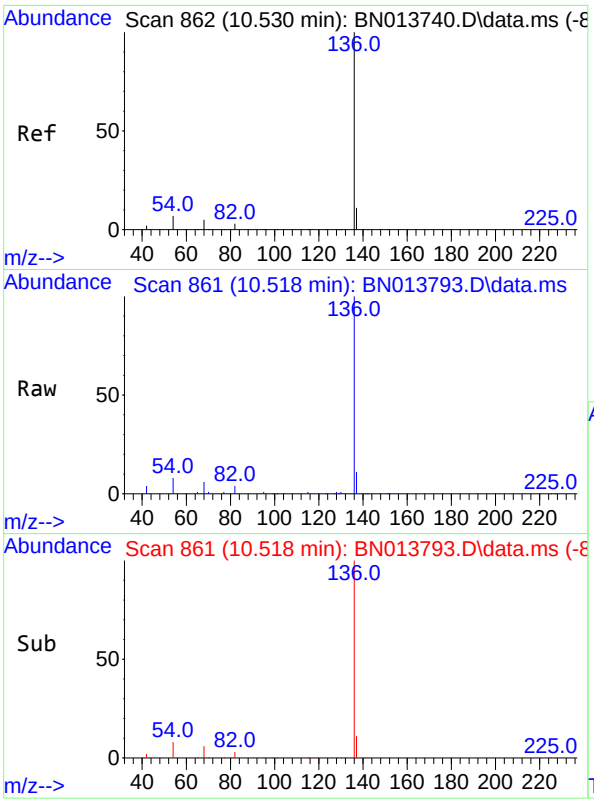
#6
bis(2-Chloroethyl)ether
Concen: 0.45 ng
RT: 7.161 min Scan# 544
Delta R.T. -0.008 min
Lab File: BN013793.D
Acq: 01 Mar 2021 16:16

Tgt Ion: 93 Resp: 6272

Ion	Ratio	Lower	Upper
93	100		
63	81.6	60.8	91.2
95	32.7	26.0	39.0



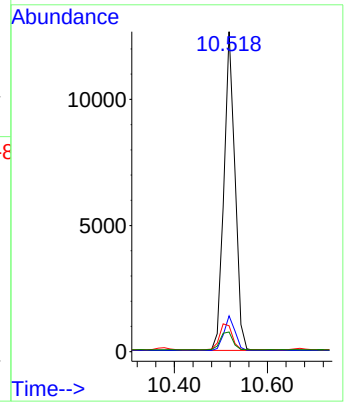
Instrument :
BNA_N
ClientSampleId :
PB134867BS

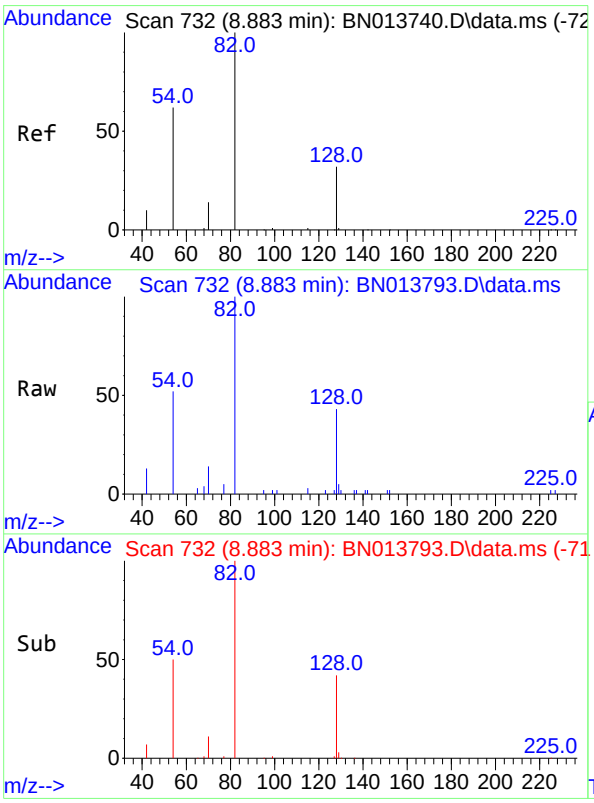


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.518 min Scan# 861
Delta R.T. -0.013 min
Lab File: BN013793.D
Acq: 01 Mar 2021 16:16

Tgt Ion:136 Resp: 20705

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	8.1	6.4	9.6
68	6.1	4.5	6.7

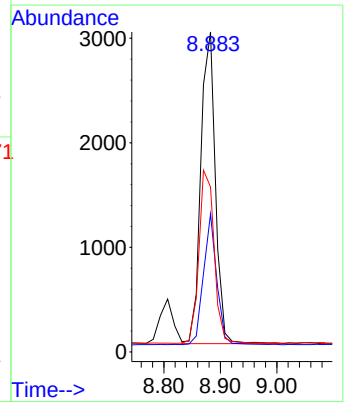




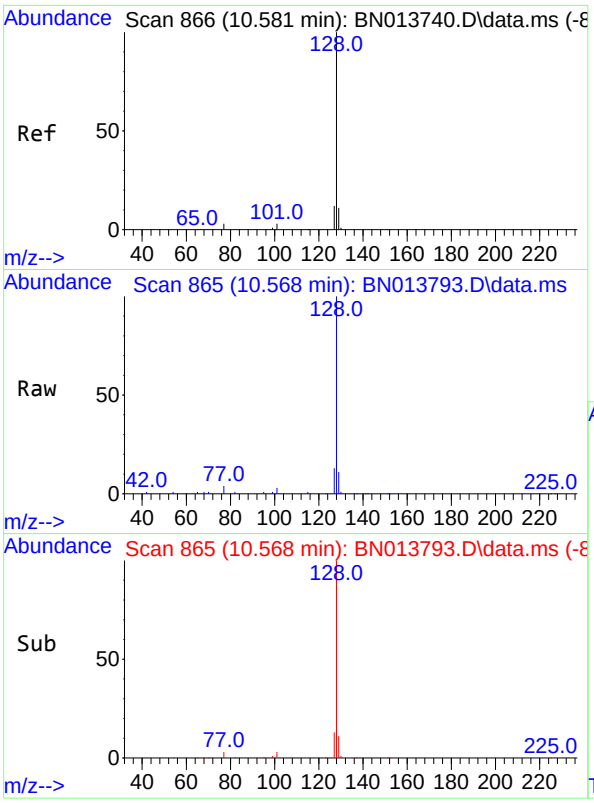
#8
Nitrobenzene-d5
Concen: 0.40 ng
RT: 8.883 min Scan# 732
Delta R.T. -0.000 min
Lab File: BN013793.D
Acq: 01 Mar 2021 16:16

Tgt Ion: 82 Resp: 5351

Ion	Ratio	Lower	Upper
82	100		
128	43.2	39.2	58.8
54	51.6	40.1	60.1



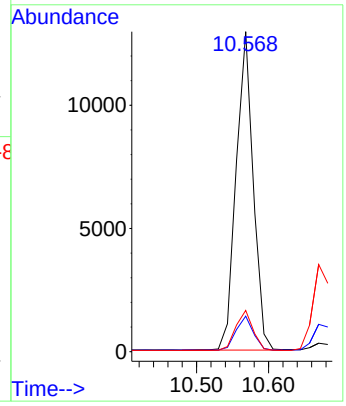
Instrument :
BNA_N
ClientSampleId :
PB134867BS

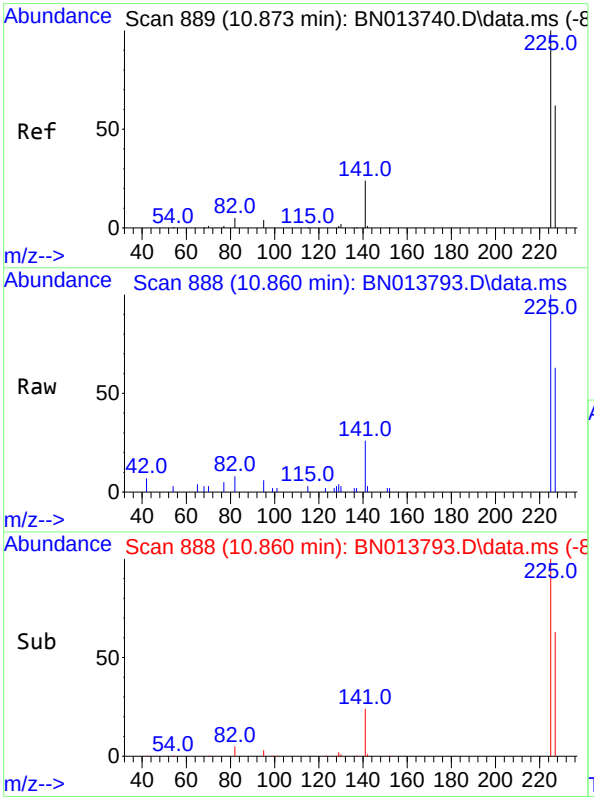


#9
Naphthalene
Concen: 0.42 ng
RT: 10.568 min Scan# 865
Delta R.T. -0.000 min
Lab File: BN013793.D
Acq: 01 Mar 2021 16:16

Tgt Ion:128 Resp: 21319

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.4
127	12.9	10.4	15.6

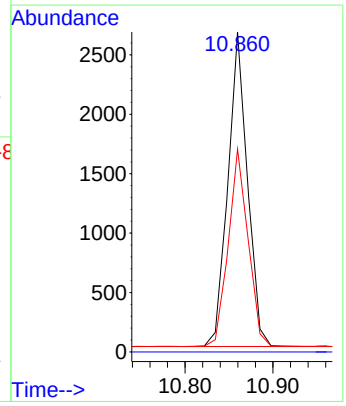




#10
Hexachlorobutadiene
Concen: 0.42 ng
RT: 10.860 min Scan# 888
Delta R.T. -0.013 min
Lab File: BN013793.D
Acq: 01 Mar 2021 16:16

Tgt Ion:225 Resp: 4086

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.5	51.2	76.8



Instrument :
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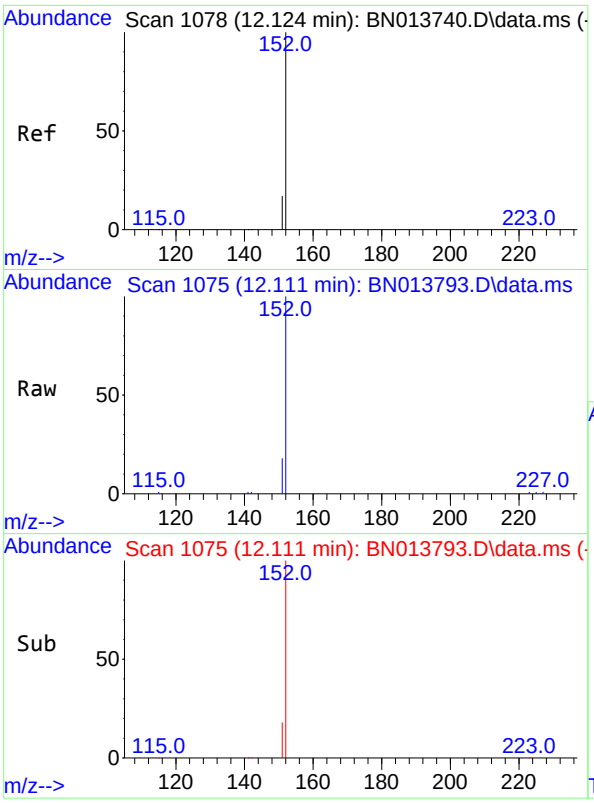
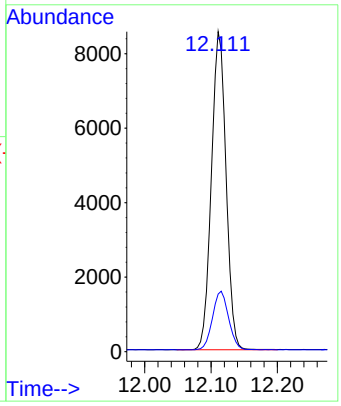
PB134867BS

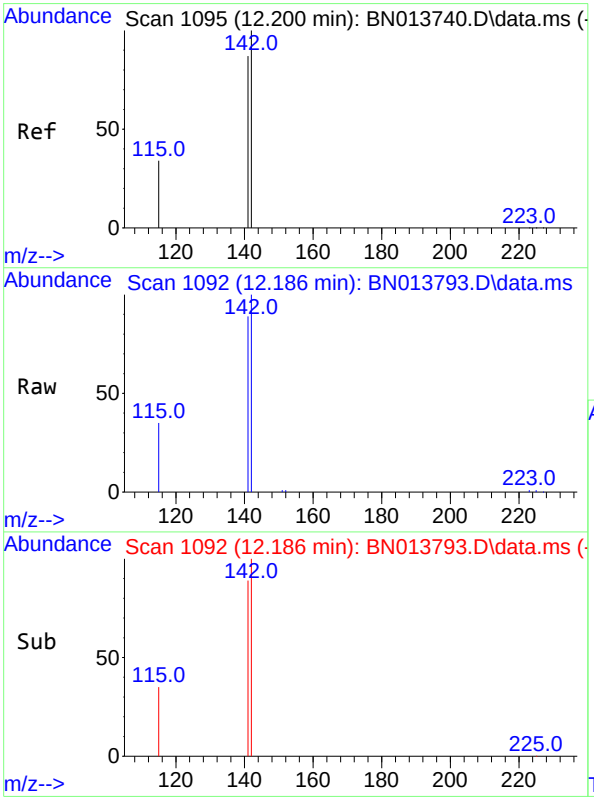


#11
2-Methylnaphthalene-d10
Concen: 0.39 ng
RT: 12.111 min Scan# 1075
Delta R.T. -0.009 min
Lab File: BN013793.D
Acq: 01 Mar 2021 16:16

Tgt Ion:152 Resp: 13081

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2

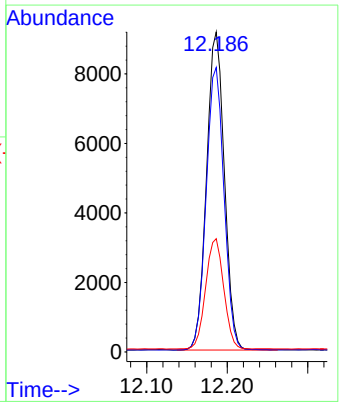




#12
2-Methylnaphthalene
Concen: 0.39 ng
RT: 12.186 min Scan# 1092
Delta R.T. -0.009 min
Lab File: BN013793.D
Acq: 01 Mar 2021 16:16

Tgt Ion:142 Resp: 14072

Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.5	105.7
115	35.4	27.4	41.0



Instrument :
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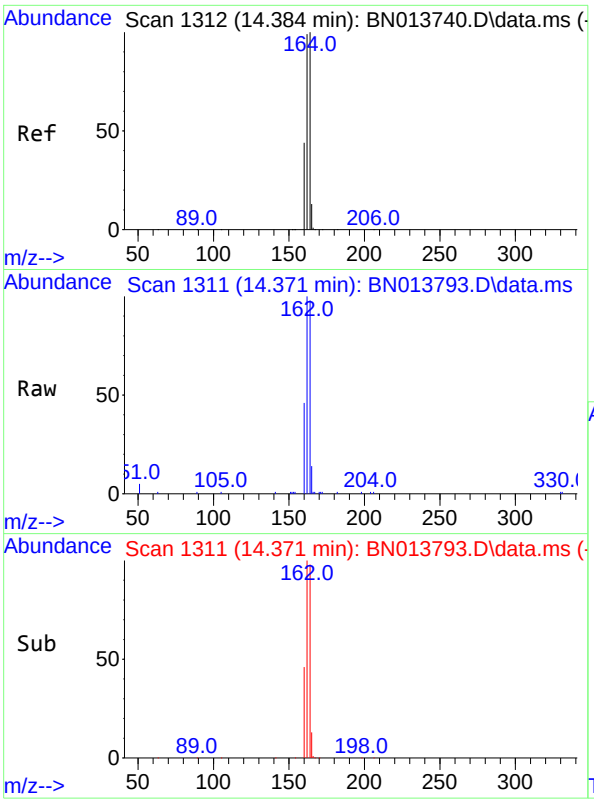
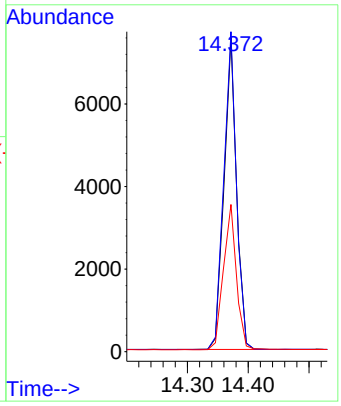
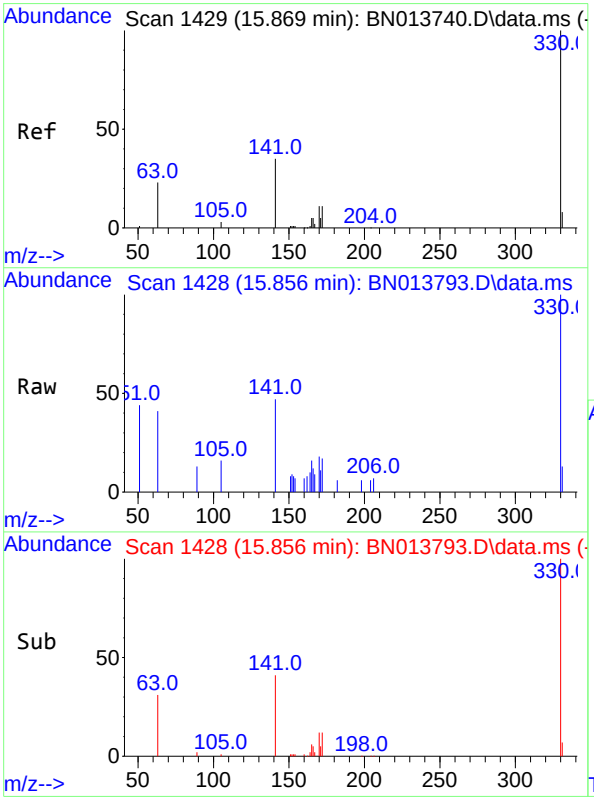


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.371 min Scan# 1311
Delta R.T. -0.000 min
Lab File: BN013793.D
Acq: 01 Mar 2021 16:16

Tgt Ion:164 Resp: 10782

Ion	Ratio	Lower	Upper
164	100		
162	102.0	79.6	119.4
160	46.9	36.0	54.0

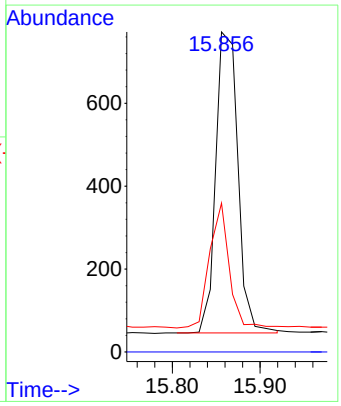


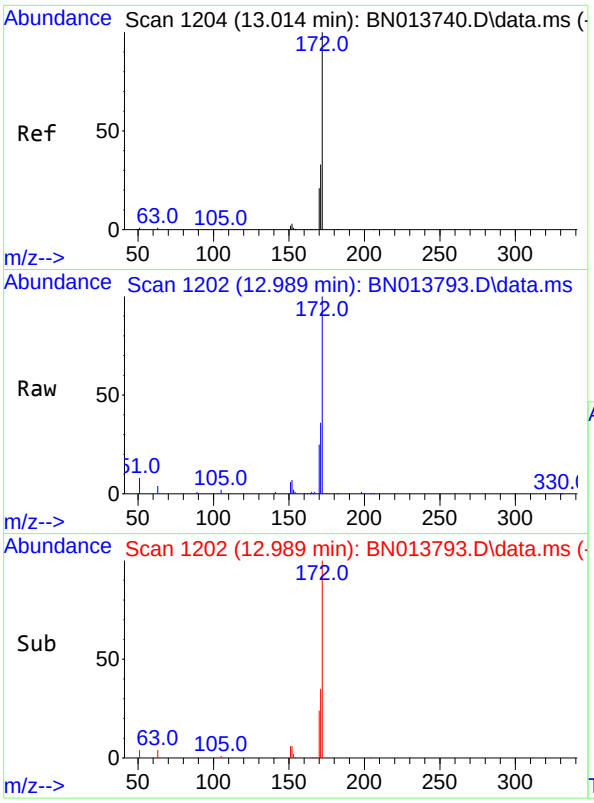


#14
2,4,6-Tribromophenol
Concen: 0.29 ng
RT: 15.856 min Scan# 1428
Delta R.T. -0.013 min
Lab File: BN013793.D
Acq: 01 Mar 2021 16:16

Tgt Ion:330 Resp: 1275

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	36.5	26.8	40.2

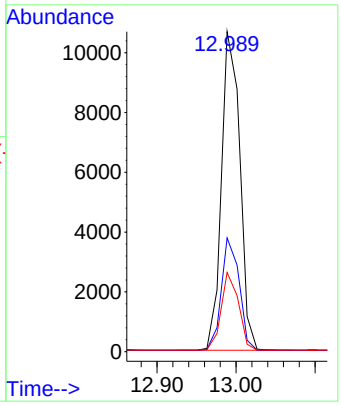




#15
2-Fluorobiphenyl
Concen: 0.45 ng
RT: 12.989 min Scan# 1202
Delta R.T. -0.013 min
Lab File: BN013793.D
Acq: 01 Mar 2021 16:16

Tgt Ion:172 Resp: 17266

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	42.8
170	24.7	18.9	28.3



Instrument :
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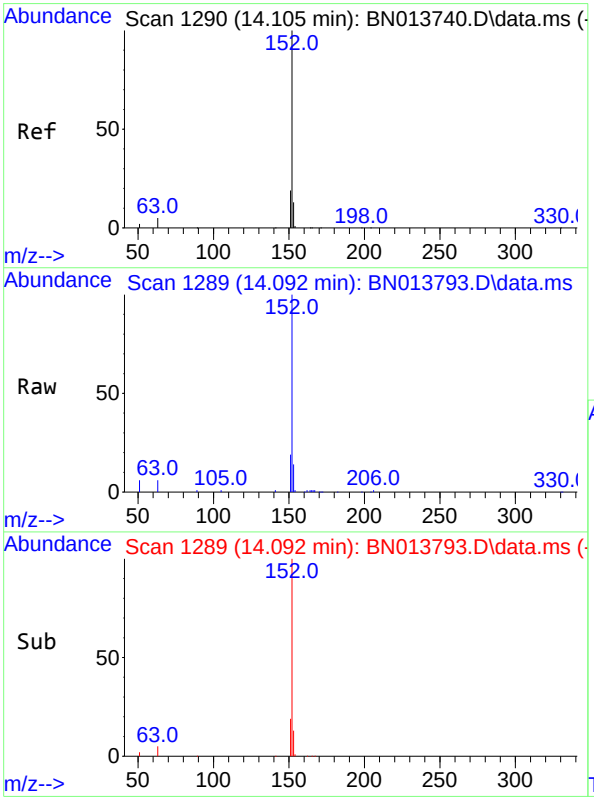
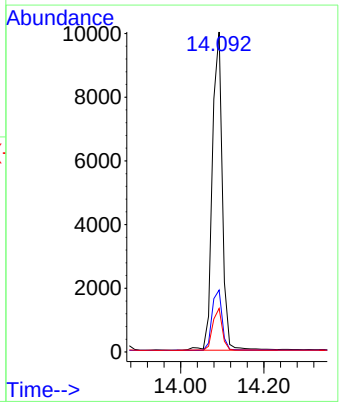


#16
Acenaphthylene
Concen: 0.35 ng
RT: 14.092 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BN013793.D
Acq: 01 Mar 2021 16:16

Tgt Ion:152 Resp: 16637

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.7	23.5
153	12.9	10.5	15.7



Instrument :
BNA_N
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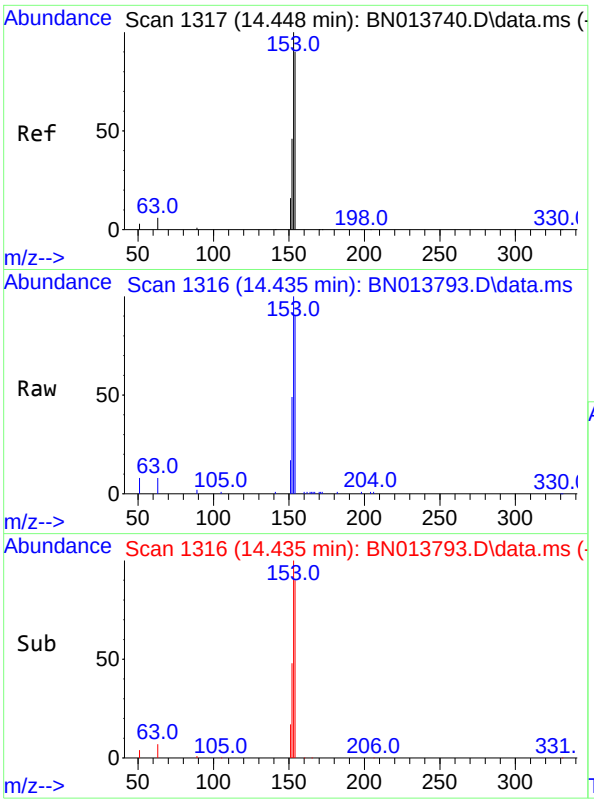
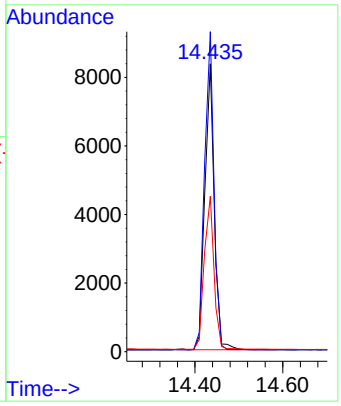
PB134867BS

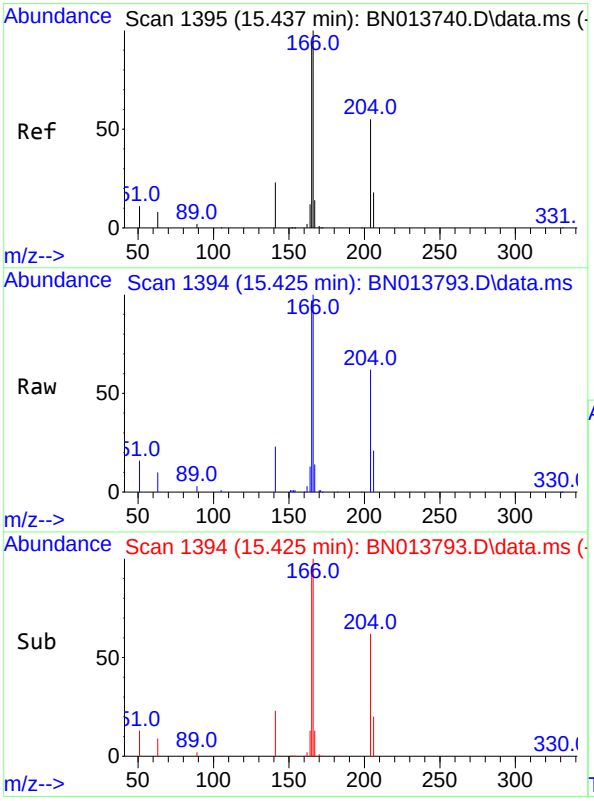


#17
Acenaphthene
Concen: 0.41 ng
RT: 14.435 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BN013793.D
Acq: 01 Mar 2021 16:16

Tgt Ion:154 Resp: 12377

Ion	Ratio	Lower	Upper
154	100		
153	111.2	88.4	132.6
152	55.7	43.0	64.4

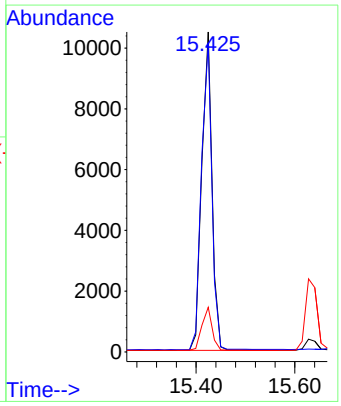




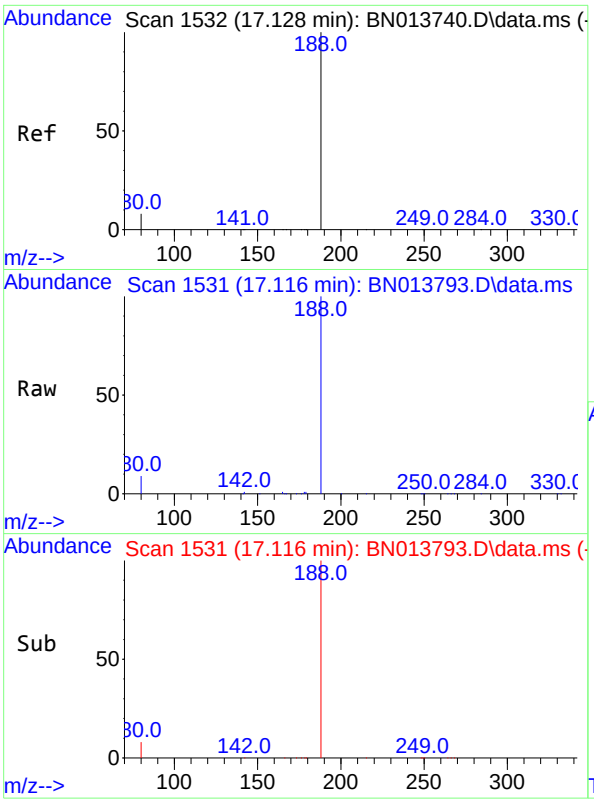
#18
Fluorene
Concen: 0.39 ng
RT: 15.425 min Scan# 1394
Delta R.T. -0.000 min
Lab File: BN013793.D
Acq: 01 Mar 2021 16:16

Tgt Ion:166 Resp: 15166

Ion	Ratio	Lower	Upper
166	100		
165	98.6	77.8	116.8
167	13.6	10.6	16.0



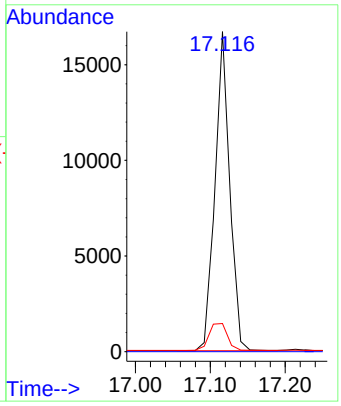
Instrument :
BNA_N
ClientSampleId :
PB134867BS

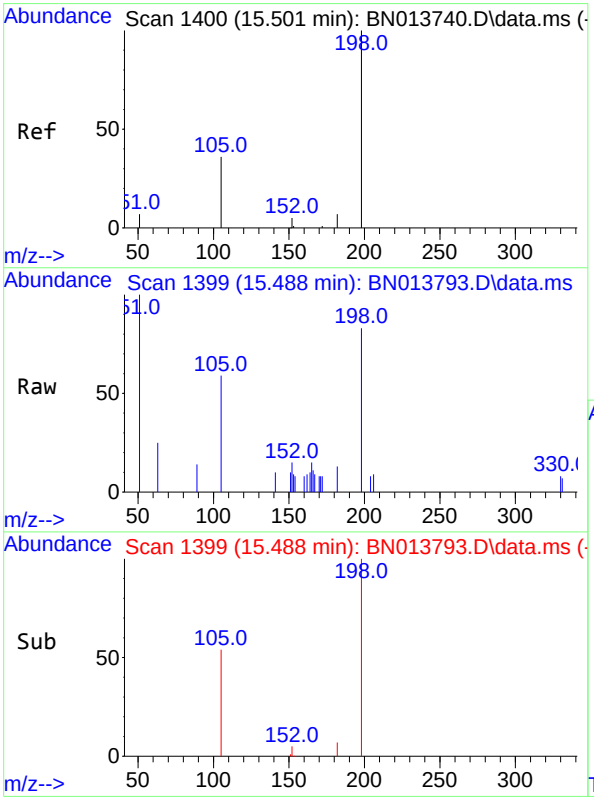


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.116 min Scan# 1531
Delta R.T. -0.012 min
Lab File: BN013793.D
Acq: 01 Mar 2021 16:16

Tgt Ion:188 Resp: 22829

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.8	9.0	13.6#

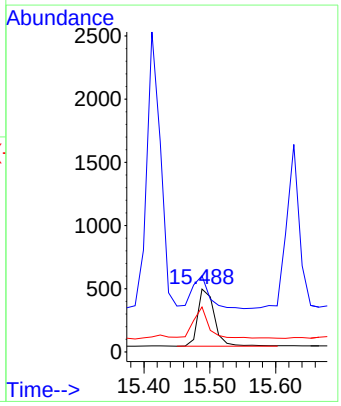




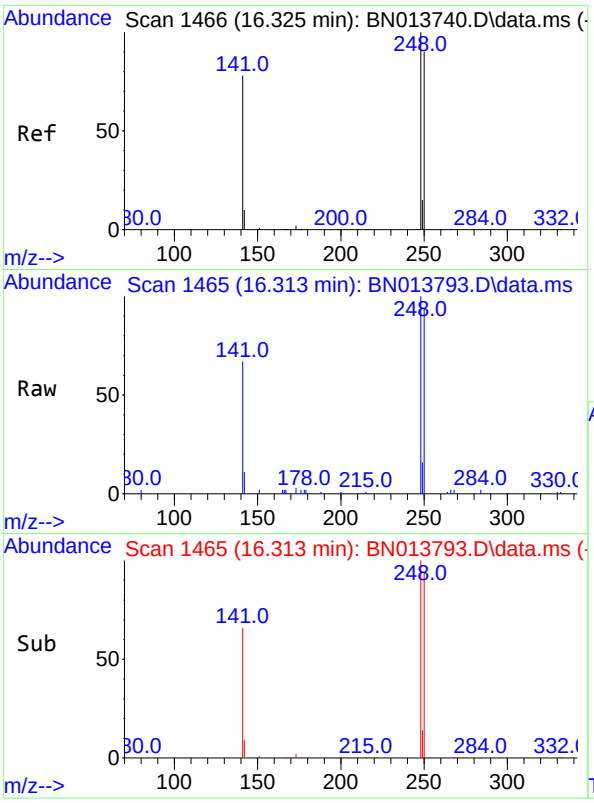
#20
4,6-Dinitro-2-methylphenol
Concen: 0.50 ng
RT: 15.488 min Scan# 1399
Delta R.T. -0.013 min
Lab File: BN013793.D
Acq: 01 Mar 2021 16:16

Tgt Ion:198 Resp: 792

Ion	Ratio	Lower	Upper
198	100		
51	121.1	61.7	92.5#
105	71.5	33.0	49.6#



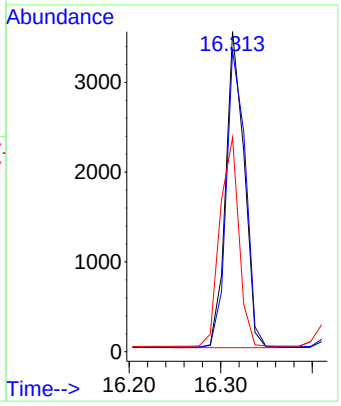
Instrument :
BNA_N
ClientSampleId :
PB134867BS

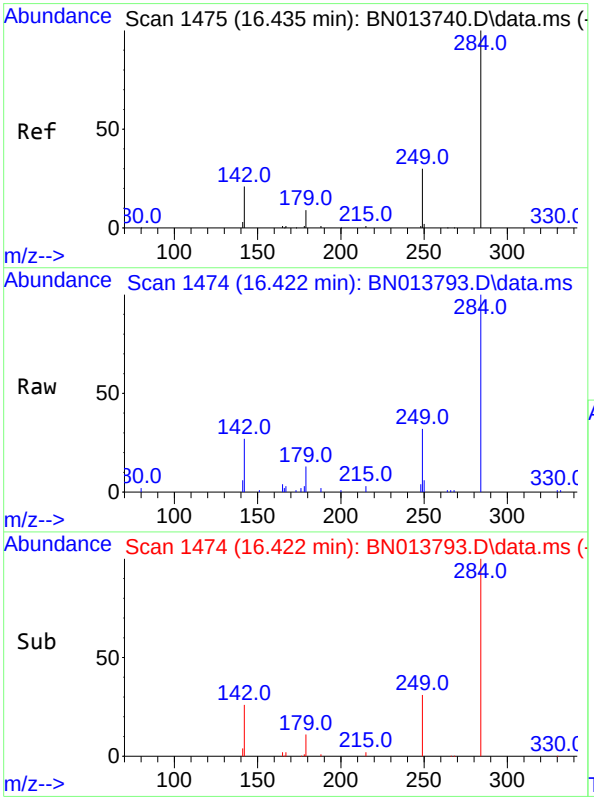


#21
4-Bromophenyl-phenylether
Concen: 0.40 ng
RT: 16.313 min Scan# 1465
Delta R.T. -0.012 min
Lab File: BN013793.D
Acq: 01 Mar 2021 16:16

Tgt Ion:248 Resp: 4912

Ion	Ratio	Lower	Upper
248	100		
250	94.1	75.5	113.3
141	66.9	53.8	80.8

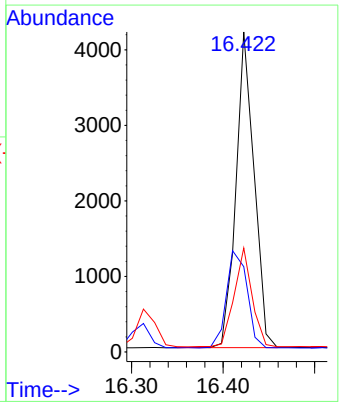




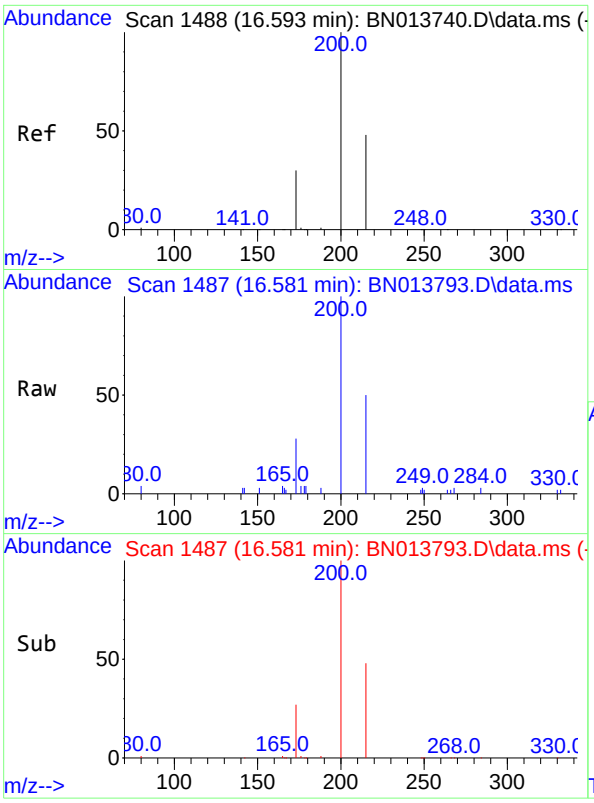
#22
Hexachlorobenzene
Concen: 0.44 ng
RT: 16.422 min Scan# 1474
Delta R.T. -0.012 min
Lab File: BN013793.D
Acq: 01 Mar 2021 16:16

Tgt Ion:284 Resp: 5739

Ion	Ratio	Lower	Upper
284	100		
142	35.1	27.9	41.9
249	30.9	24.2	36.2



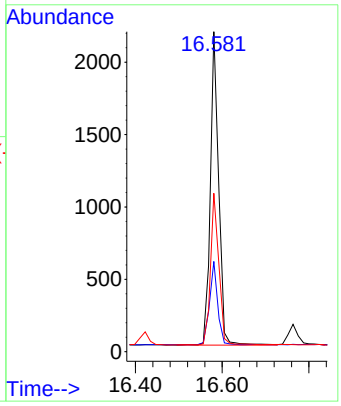
Instrument :
BNA_N
ClientSampleId :
PB134867BS

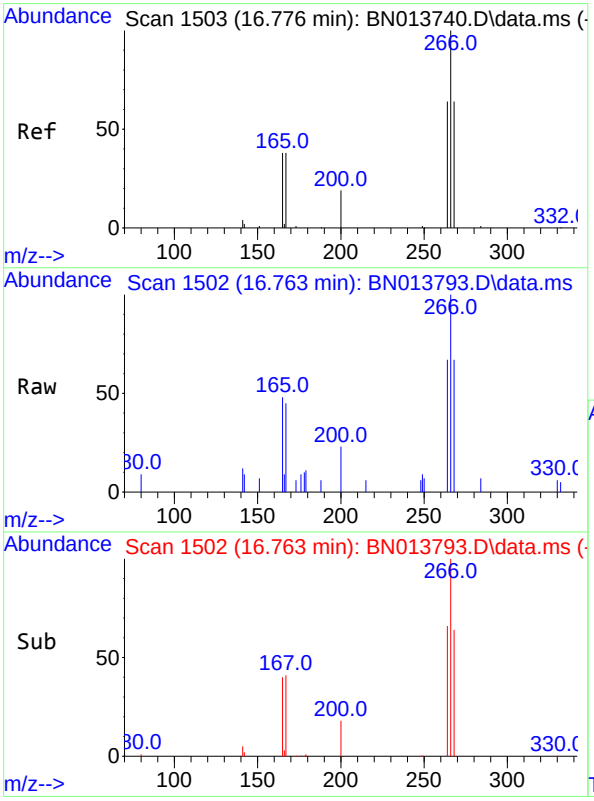


#23
Atrazine
Concen: 0.25 ng
RT: 16.581 min Scan# 1487
Delta R.T. -0.012 min
Lab File: BN013793.D
Acq: 01 Mar 2021 16:16

Tgt Ion:200 Resp: 2875

Ion	Ratio	Lower	Upper
200	100		
173	28.2	18.6	28.0#
215	49.5	41.0	61.6

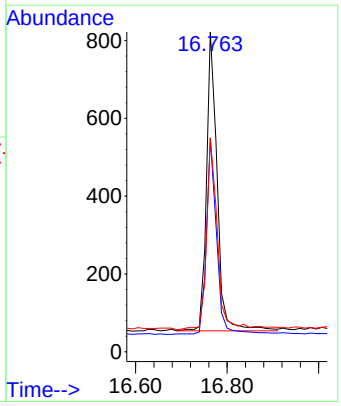




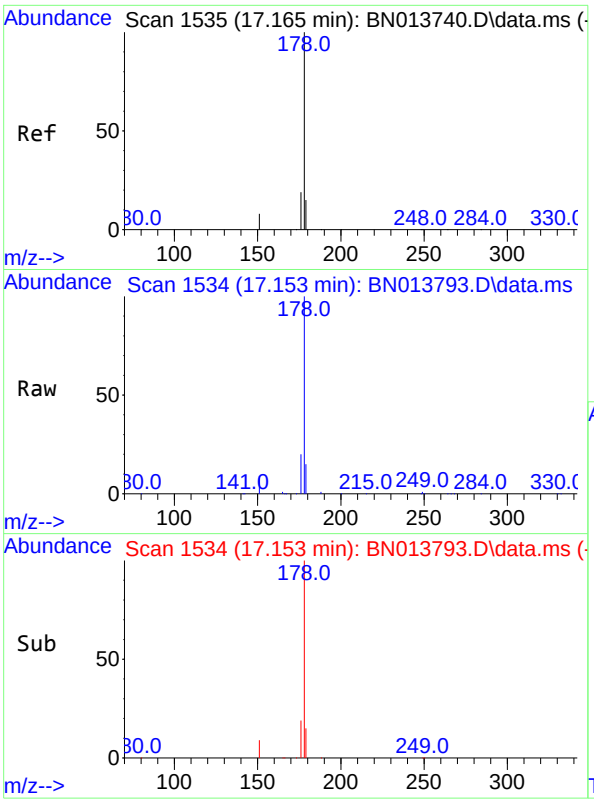
#24
Pentachlorophenol
Concen: 0.29 ng
RT: 16.763 min Scan# 1502
Delta R.T. -0.012 min
Lab File: BN013793.D
Acq: 01 Mar 2021 16:16

Tgt Ion:266 Resp: 1234

Ion	Ratio	Lower	Upper
266	100		
264	62.0	51.6	77.4
268	66.6	54.6	82.0



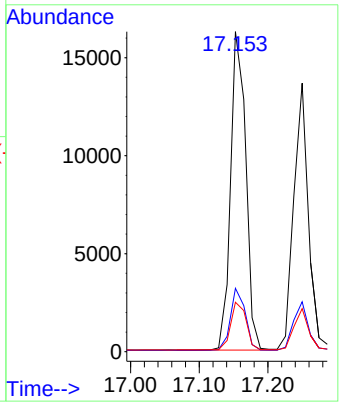
Instrument :
BNA_N
ClientSampleId :
PB134867BS

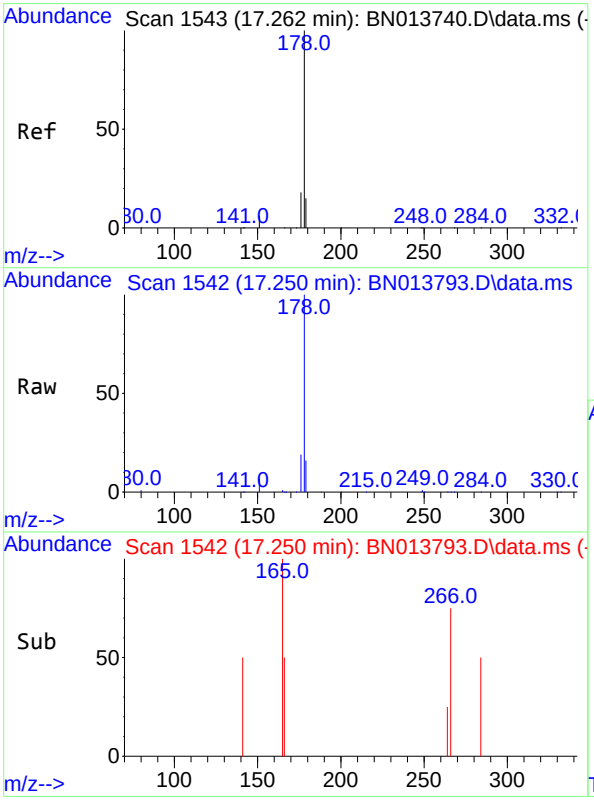


#25
Phenanthrene
Concen: 0.42 ng
RT: 17.153 min Scan# 1534
Delta R.T. -0.012 min
Lab File: BN013793.D
Acq: 01 Mar 2021 16:16

Tgt Ion:178 Resp: 25116

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	15.4	12.3	18.5

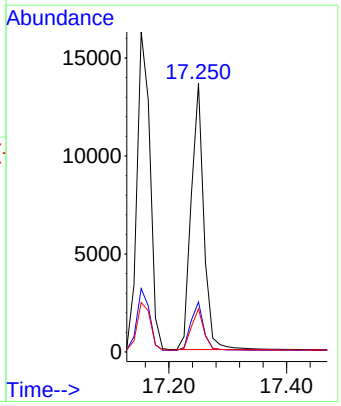




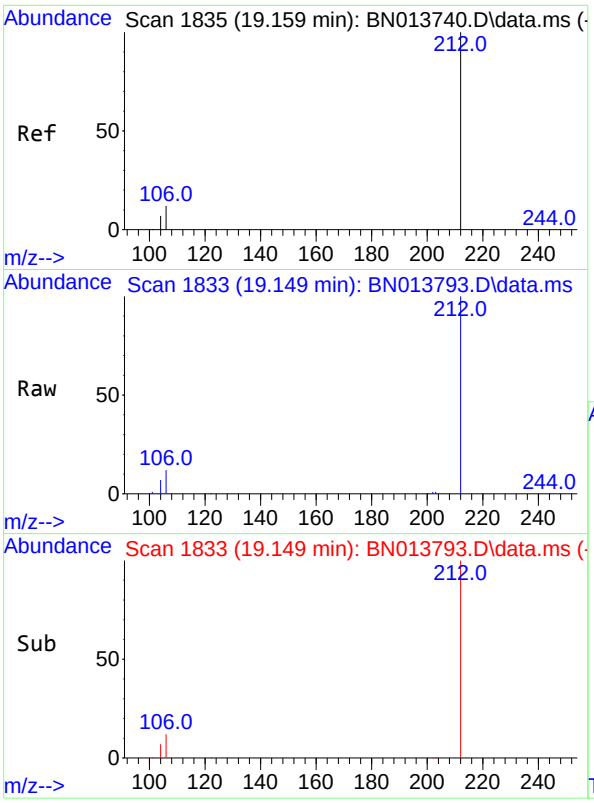
#26
Anthracene
Concen: 0.35 ng
RT: 17.250 min Scan# 1542
Delta R.T. 0.000 min
Lab File: BN013793.D
Acq: 01 Mar 2021 16:16

Tgt Ion:178 Resp: 20293

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.6	21.8
179	15.5	12.2	18.2



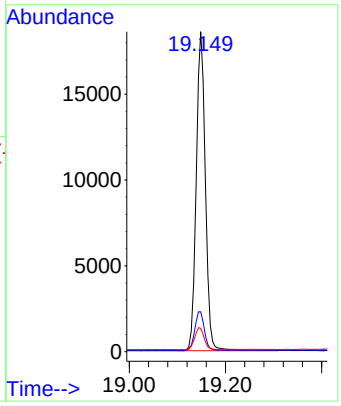
Instrument :
BNA_N
ClientSampleId :
PB134867BS

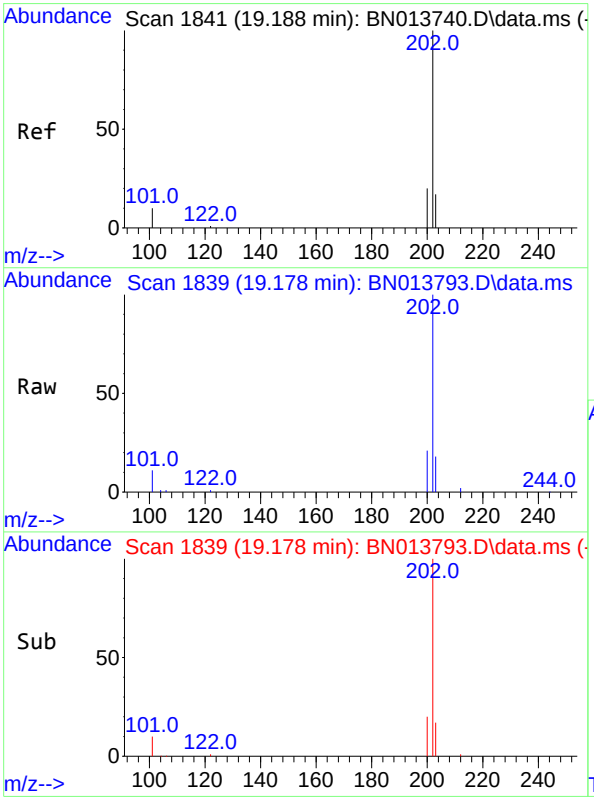


#27
Fluoranthene-d10
Concen: 0.37 ng
RT: 19.149 min Scan# 1833
Delta R.T. -0.007 min
Lab File: BN013793.D
Acq: 01 Mar 2021 16:16

Tgt Ion:212 Resp: 24687

Ion	Ratio	Lower	Upper
212	100		
106	12.6	9.7	14.5
104	7.0	5.5	8.3

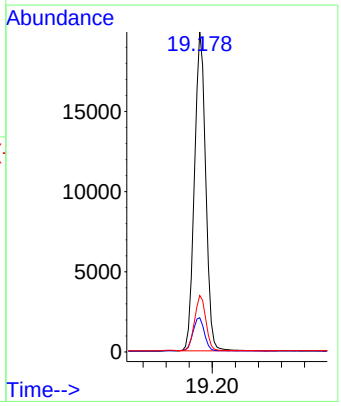




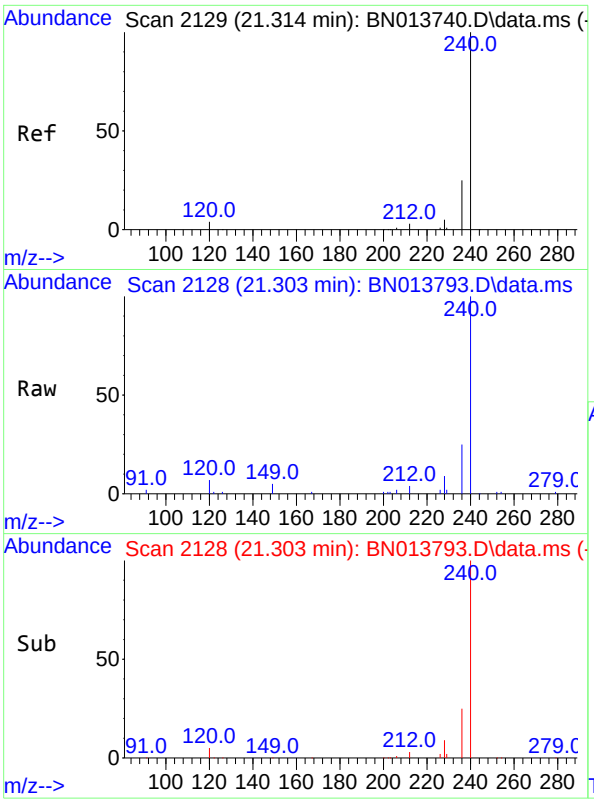
#28
Fluoranthene
Concen: 0.38 ng
RT: 19.178 min Scan# 1839
Delta R.T. -0.007 min
Lab File: BN013793.D
Acq: 01 Mar 2021 16:16

Tgt Ion:202 Resp: 27009

Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.1	12.1
203	17.2	13.9	20.9



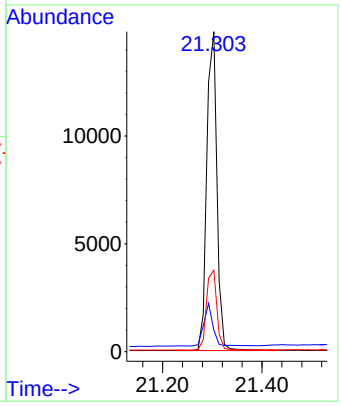
Instrument :
BNA_N
ClientSampleId :
PB134867BS

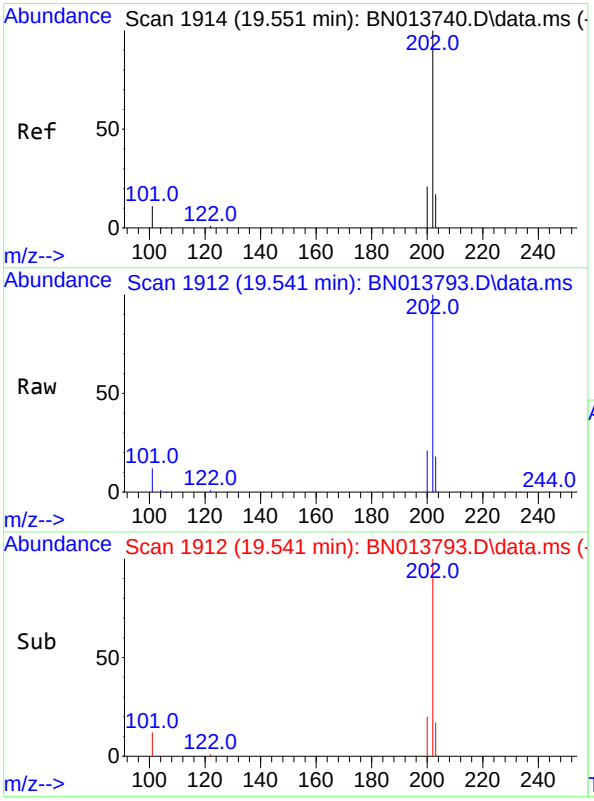


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.303 min Scan# 2128
Delta R.T. 0.003 min
Lab File: BN013793.D
Acq: 01 Mar 2021 16:16

Tgt Ion:240 Resp: 20962

Ion	Ratio	Lower	Upper
240	100		
120	6.7	10.2	15.4#
236	25.4	21.3	31.9

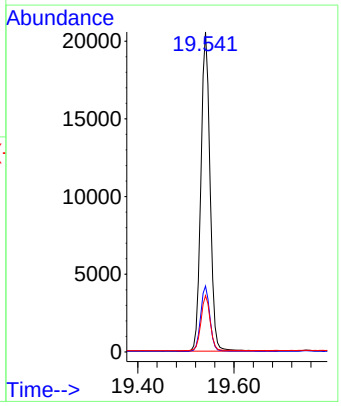




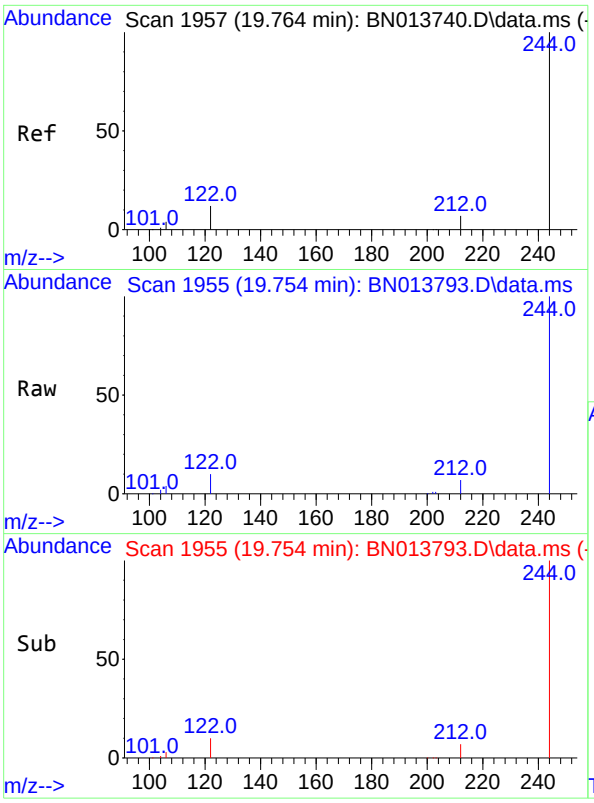
#30
Pyrene
Concen: 0.42 ng
RT: 19.541 min Scan# 1912
Delta R.T. -0.007 min
Lab File: BN013793.D
Acq: 01 Mar 2021 16:16

Tgt Ion:202 Resp: 27018

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.3	24.5
203	17.4	14.0	21.0



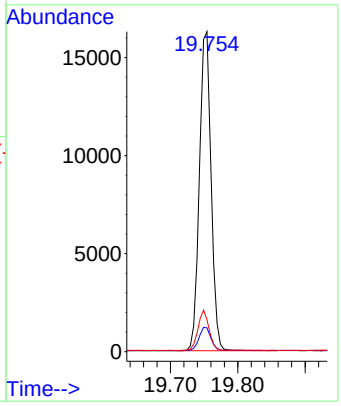
Instrument :
BNA_N
ClientSampleId :
PB134867BS

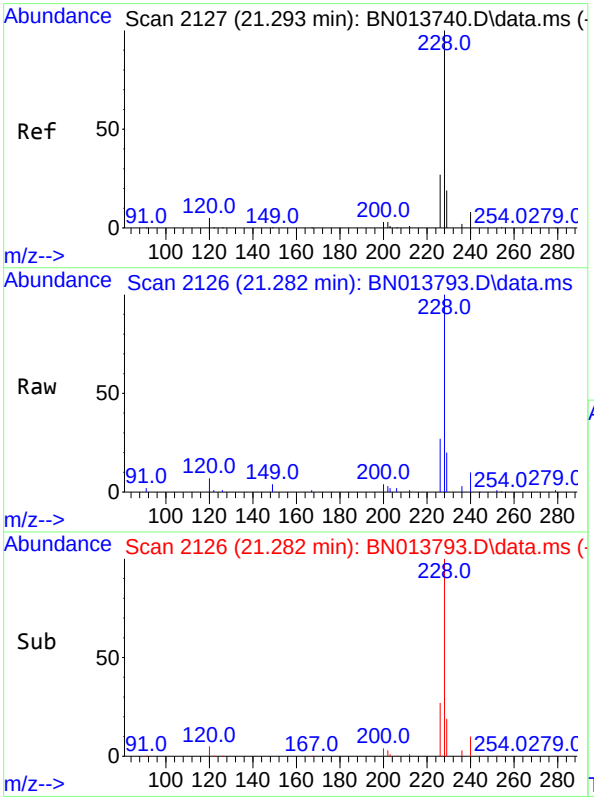


#31
Terphenyl-d14
Concen: 0.42 ng
RT: 19.754 min Scan# 1955
Delta R.T. -0.007 min
Lab File: BN013793.D
Acq: 01 Mar 2021 16:16

Tgt Ion:244 Resp: 19622

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.1	9.1
122	10.0	9.8	14.8

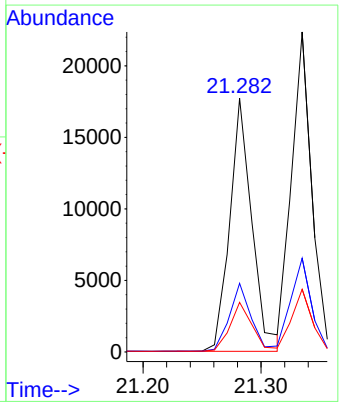




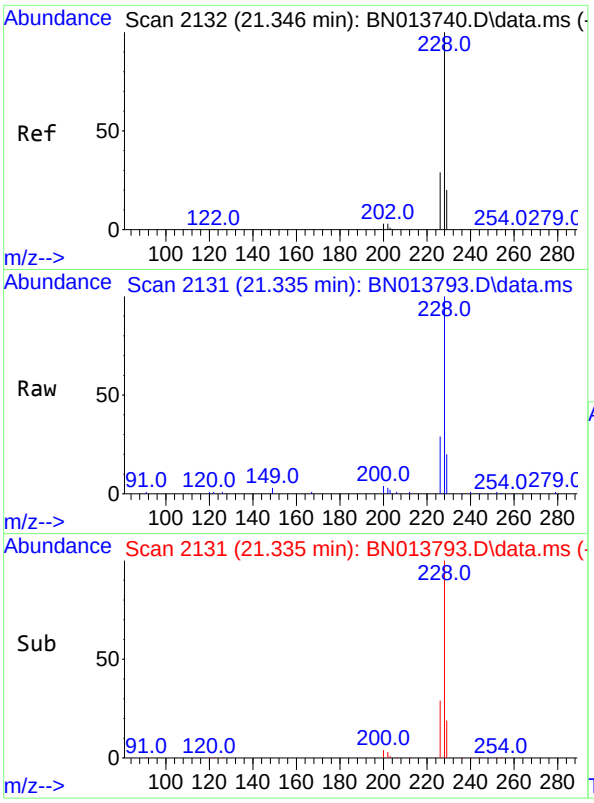
#32
Benzo(a)anthracene
Concen: 0.36 ng
RT: 21.282 min Scan# 2126
Delta R.T. -0.008 min
Lab File: BN013793.D
Acq: 01 Mar 2021 16:16

Tgt Ion:228 Resp: 23137

Ion	Ratio	Lower	Upper
228	100		
226	27.0	20.5	30.7
229	19.6	16.2	24.4



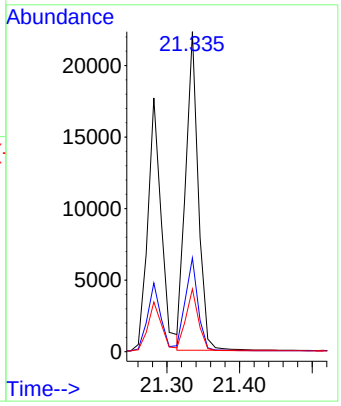
Instrument :
BNA_N
ClientSampleId :
PB134867BS

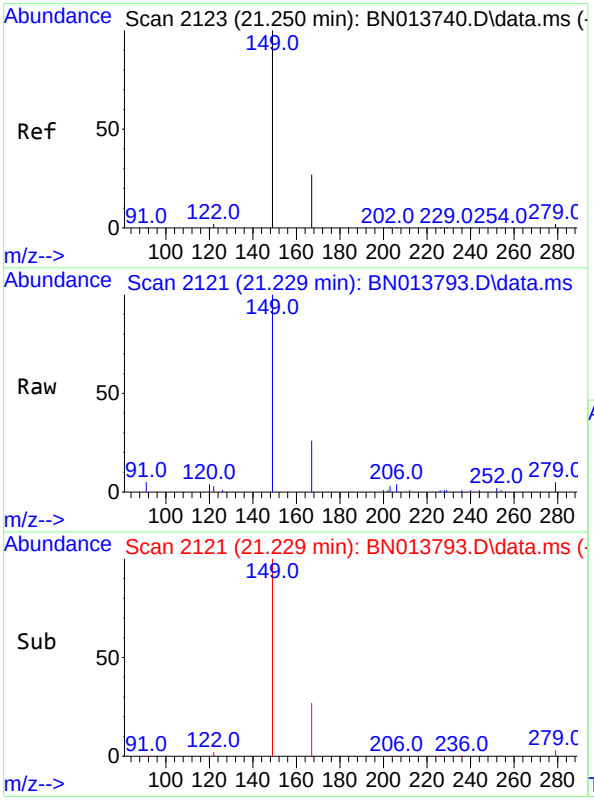


#33
Chrysene
Concen: 0.42 ng
RT: 21.335 min Scan# 2131
Delta R.T. -0.008 min
Lab File: BN013793.D
Acq: 01 Mar 2021 16:16

Tgt Ion:228 Resp: 26684

Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.3	36.5
229	19.6	15.1	22.7

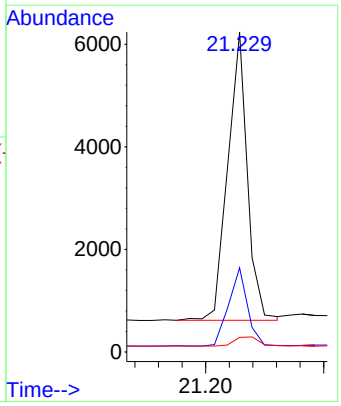




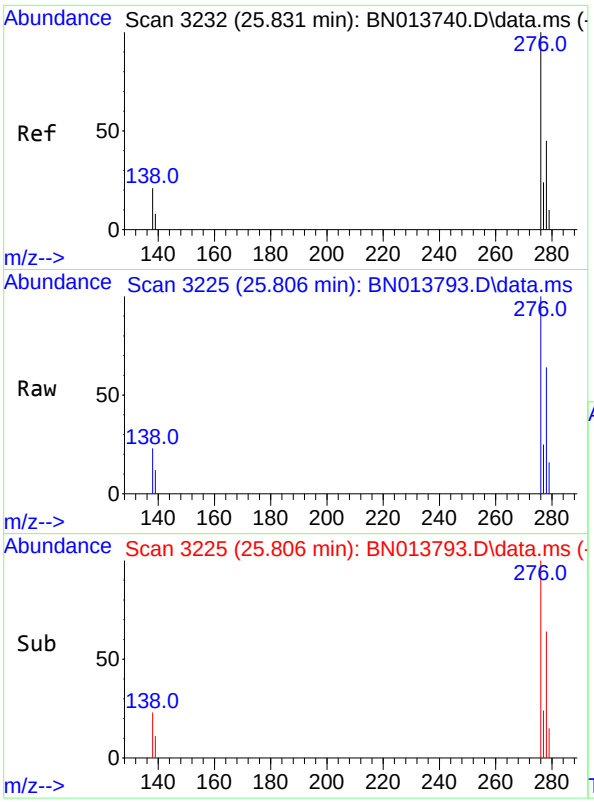
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.21 ng
RT: 21.229 min Scan# 2121
Delta R.T. -0.008 min
Lab File: BN013793.D
Acq: 01 Mar 2021 16:16

Tgt Ion:149 Resp: 6478

Ion	Ratio	Lower	Upper
149	100		
167	26.3	22.1	33.1
279	4.3	3.5	5.3



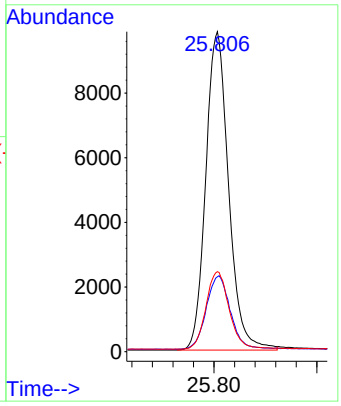
Instrument :
BNA_N
ClientSampleId :
PB134867BS

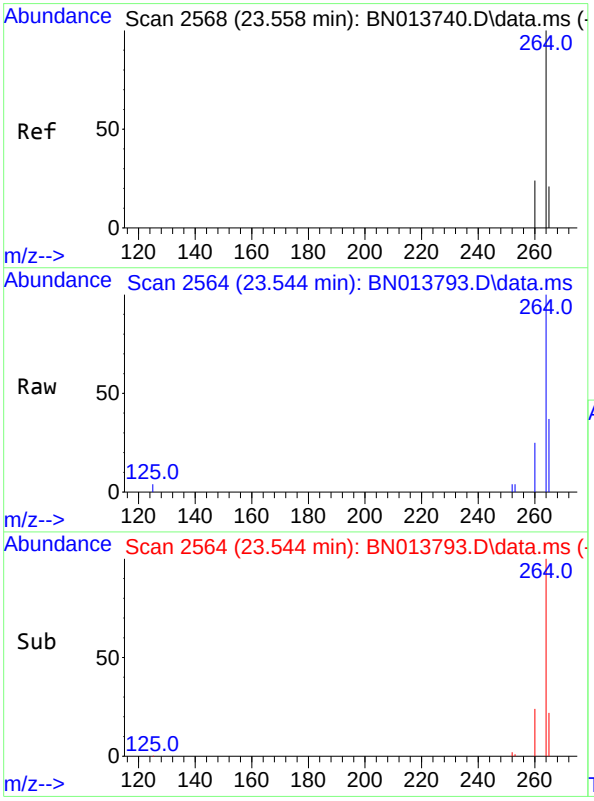


#35
Indeno(1,2,3-cd)pyrene
Concen: 0.40 ng
RT: 25.806 min Scan# 3225
Delta R.T. -0.011 min
Lab File: BN013793.D
Acq: 01 Mar 2021 16:16

Tgt Ion:276 Resp: 30334

Ion	Ratio	Lower	Upper
276	100		
138	24.3	19.8	29.6
277	24.8	19.9	29.9

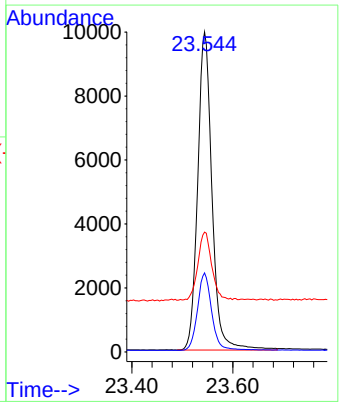




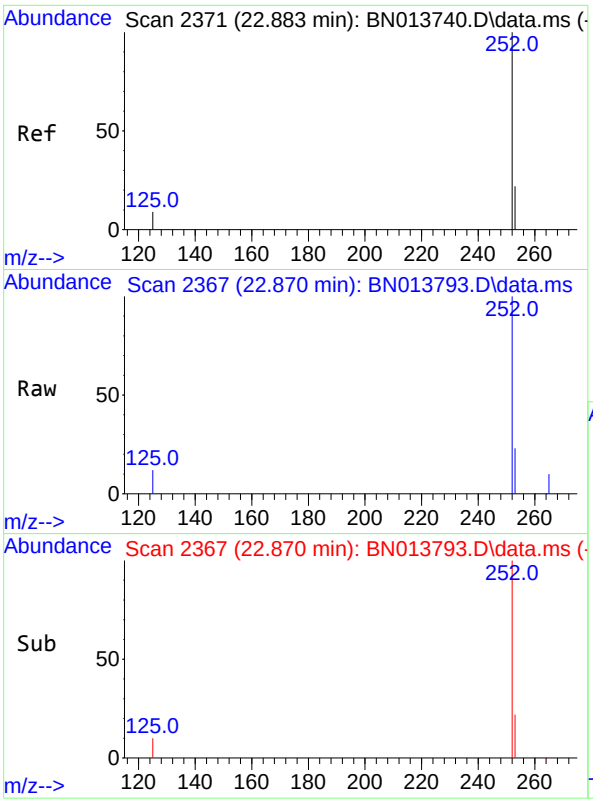
#36
Perylene-d12
Concen: 0.40 ng
RT: 23.544 min Scan# 2564
Delta R.T. -0.008 min
Lab File: BN013793.D
Acq: 01 Mar 2021 16:16

Tgt Ion:264 Resp: 19510

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.3	28.9
265	37.5	66.2	99.4#



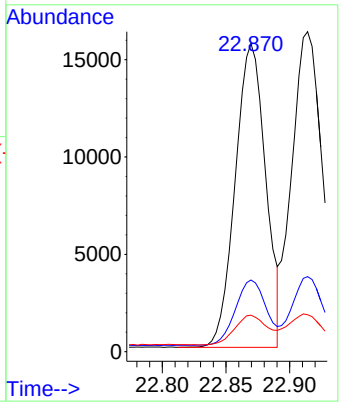
Instrument :
BNA_N
ClientSampleId :
PB134867BS

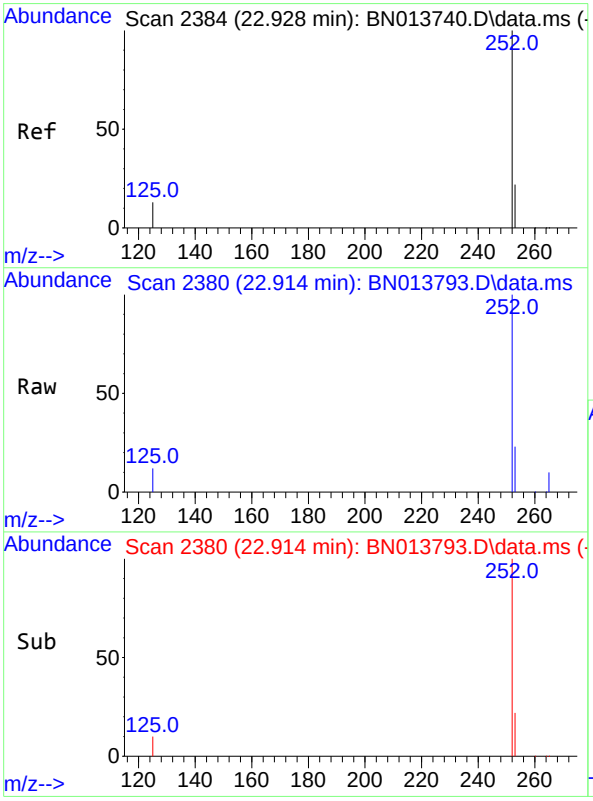


#37
Benzo(b)fluoranthene
Concen: 0.42 ng
RT: 22.870 min Scan# 2367
Delta R.T. -0.008 min
Lab File: BN013793.D
Acq: 01 Mar 2021 16:16

Tgt Ion:252 Resp: 25907

Ion	Ratio	Lower	Upper
252	100		
253	23.2	20.4	30.6
125	11.9	11.6	17.4

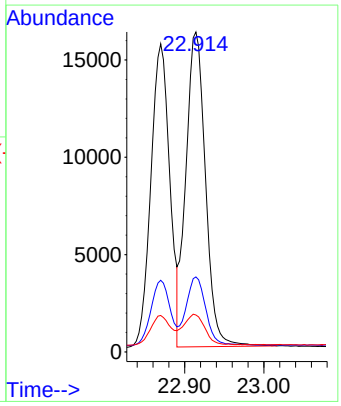




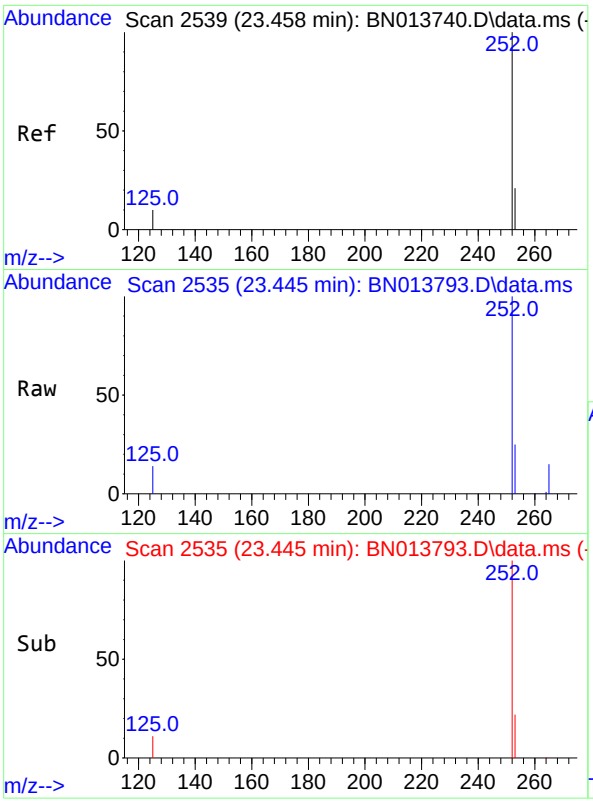
#38
Benzo(k)fluoranthene
Concen: 0.46 ng
RT: 22.914 min Scan# 2380
Delta R.T. -0.008 min
Lab File: BN013793.D
Acq: 01 Mar 2021 16:16

Tgt Ion:252 Resp: 27769

Ion	Ratio	Lower	Upper
252	100		
253	23.5	20.5	30.7
125	11.6	12.3	18.5#



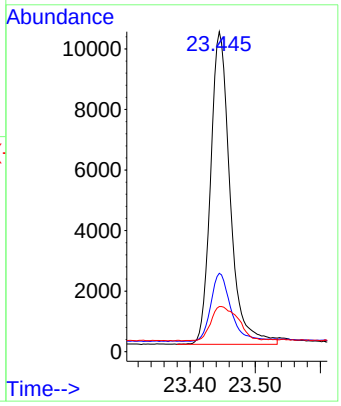
Instrument :
BNA_N
ClientSampleId :
PB134867BS

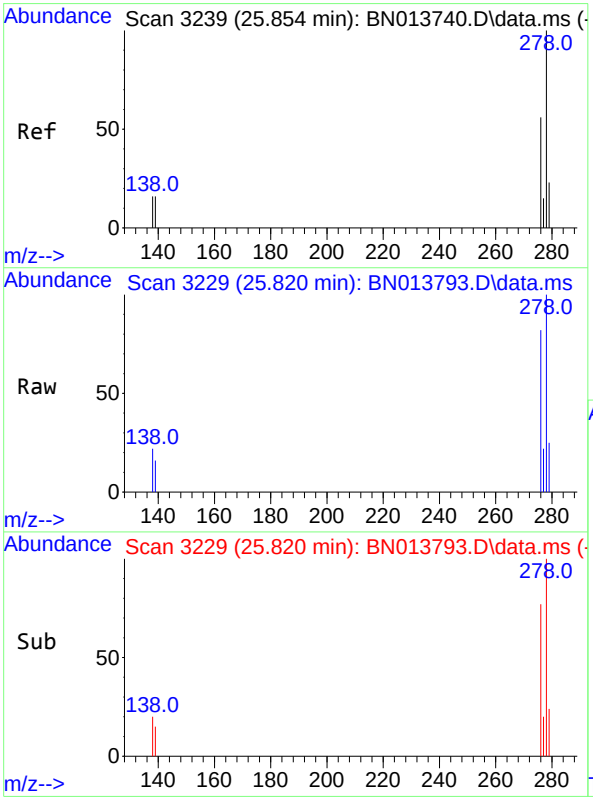


#39
Benzo(a)pyrene
Concen: 0.38 ng
RT: 23.445 min Scan# 2535
Delta R.T. -0.011 min
Lab File: BN013793.D
Acq: 01 Mar 2021 16:16

Tgt Ion:252 Resp: 21450

Ion	Ratio	Lower	Upper
252	100		
253	24.5	21.8	32.6
125	14.1	14.6	21.8#

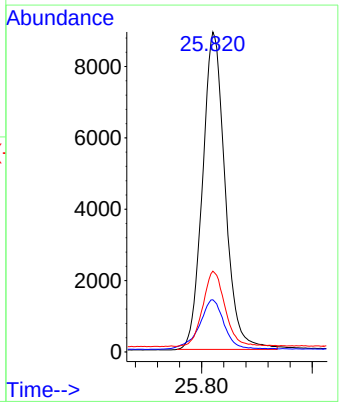


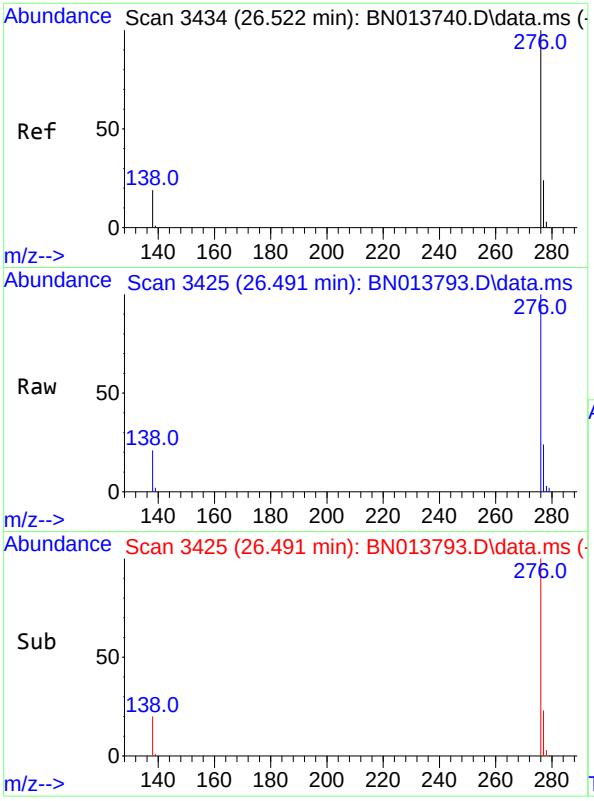


#40
Dibenzo(a,h)anthracene
Concen: 0.42 ng
RT: 25.820 min Scan# 3229
Delta R.T. -0.018 min
Lab File: BN013793.D
Acq: 01 Mar 2021 16:16

Tgt Ion:278 Resp: 25203

Ion	Ratio	Lower	Upper
278	100		
139	16.3	13.1	19.7
279	25.3	21.4	32.0

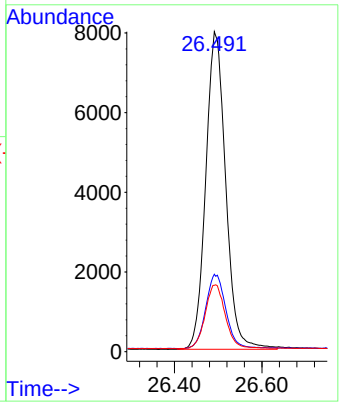




#41
Benzo(g,h,i)perylene
Concen: 0.42 ng
RT: 26.491 min Scan# 3425
Delta R.T. -0.018 min
Lab File: BN013793.D
Acq: 01 Mar 2021 16:16

Tgt Ion:276 Resp: 25269

Ion	Ratio	Lower	Upper
276	100		
277	24.2	20.0	30.0
138	20.8	17.8	26.8



Instrument :
BNA_N
ClientSampleId :
PB134867BS