Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022621\
Data File : BN013783.D
Acq On : 26 Feb 2021 14:58
Operator : CG/JU
Sample : PB134842BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB134842BSD

Quant Time: Feb 26 15:27:58 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

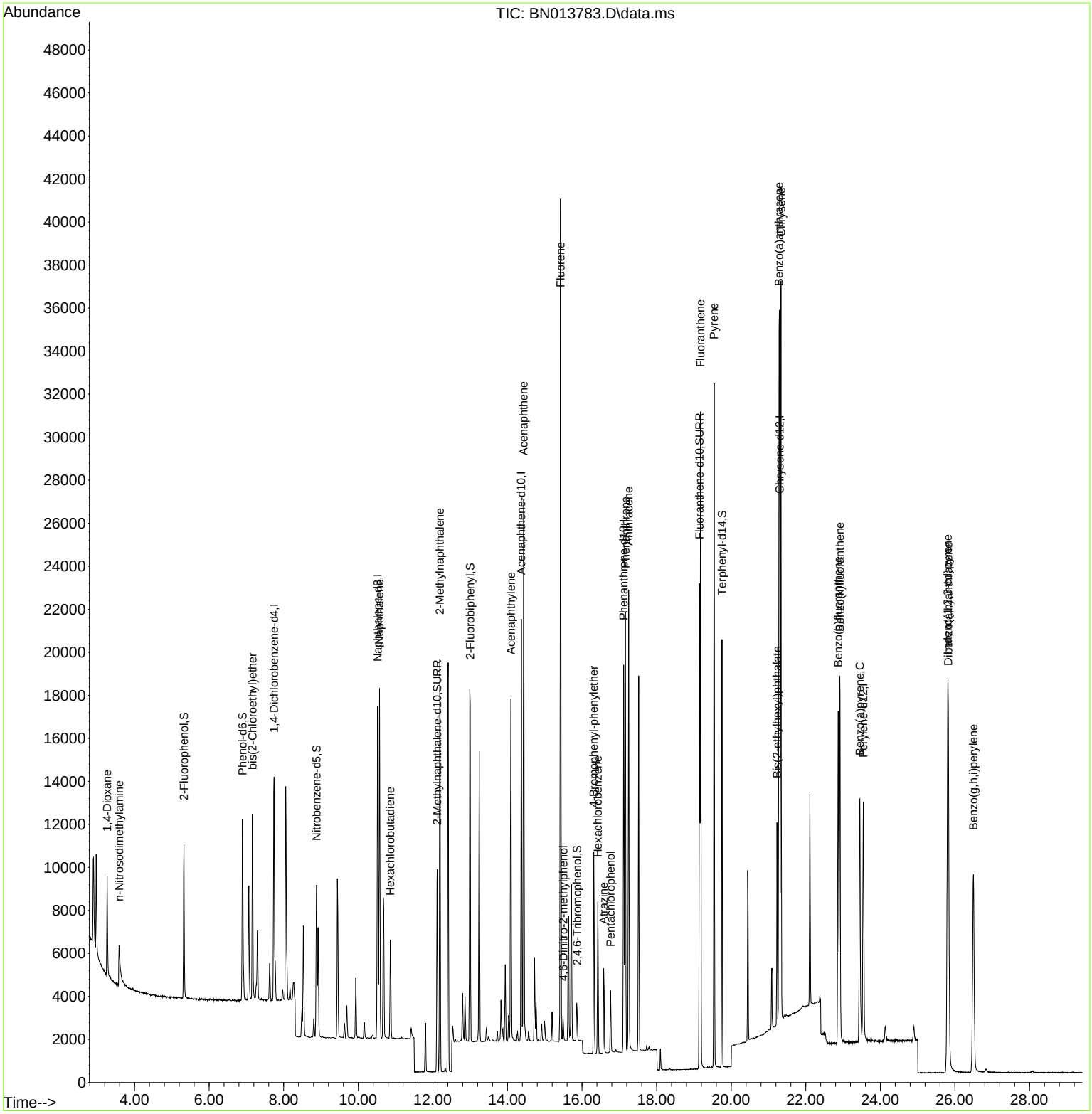
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.740	152	5031	0.40	ng		0.00
7) Naphthalene-d8	10.518	136	19147	0.40	ng		#-0.01
13) Acenaphthene-d10	14.371	164	10586	0.40	ng		0.00
19) Phenanthrene-d10	17.116	188	22289	0.40	ng		-0.01
29) Chrysene-d12	21.303	240	20715	0.40	ng		# 0.00
36) Perylene-d12	23.544	264	14883	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.324	112	5310	0.39	ng		0.00
5) Phenol-d6	6.895	99	7131	0.40	ng		0.00
8) Nitrobenzene-d5	8.883	82	5459	0.44	ng		0.00
11) 2-Methylnaphthalene-d10	12.115	152	12302	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.869	330	1349	0.31	ng		0.00
15) 2-Fluorobiphenyl	13.001	172	16116	0.43	ng		0.00
27) Fluoranthene-d10	19.149	212	24352	0.37	ng		0.00
31) Terphenyl-d14	19.754	244	18658	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.263	88	2800	0.46	ng		96
3) n-Nitrosodimethylamine	3.585	42	2133	0.46	ng	#	89
6) bis(2-Chloroethyl)ether	7.161	93	5871	0.46	ng		93
9) Naphthalene	10.568	128	19727	0.42	ng		100
10) Hexachlorobutadiene	10.860	225	3494	0.39	ng	#	100
12) 2-Methylnaphthalene	12.186	142	13267	0.40	ng		97
16) Acenaphthylene	14.092	152	17201	0.36	ng		99
17) Acenaphthene	14.435	154	12086	0.41	ng		99
18) Fluorene	15.425	166	14987	0.39	ng		100
20) 4,6-Dinitro-2-methylph...	15.501	198	804	0.52	ng	#	72
21) 4-Bromophenyl-phenylether	16.313	248	4603	0.38	ng	#	85
22) Hexachlorobenzene	16.422	284	5084	0.40	ng		95
23) Atrazine	16.581	200	3234	0.29	ng	#	90
24) Pentachlorophenol	16.763	266	1423	0.35	ng		96
25) Phenanthrene	17.165	178	24489	0.42	ng		99
26) Anthracene	17.250	178	21110	0.37	ng		100
28) Fluoranthene	19.178	202	26877	0.39	ng		98
30) Pyrene	19.541	202	27002	0.42	ng		100
32) Benzo(a)anthracene	21.282	228	24227	0.38	ng		98
33) Chrysene	21.335	228	26021	0.42	ng		99
34) Bis(2-ethylhexyl)phtha...	21.229	149	7755	0.26	ng		98
35) Indeno(1,2,3-cd)pyrene	25.806	276	22088	0.29	ng		96
37) Benzo(b)fluoranthene	22.870	252	19502	0.41	ng		96
38) Benzo(k)fluoranthene	22.914	252	20813	0.45	ng		96
39) Benzo(a)pyrene	23.448	252	16913	0.40	ng		94
40) Dibenzo(a,h)anthracene	25.823	278	18588	0.41	ng		96
41) Benzo(g,h,i)perylene	26.494	276	18414	0.40	ng		96

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022621\
Data File : BN013783.D
Acq On : 26 Feb 2021 14:58
Operator : CG/JU
Sample : PB134842BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB134842BSD

Quant Time: Feb 26 15:27:58 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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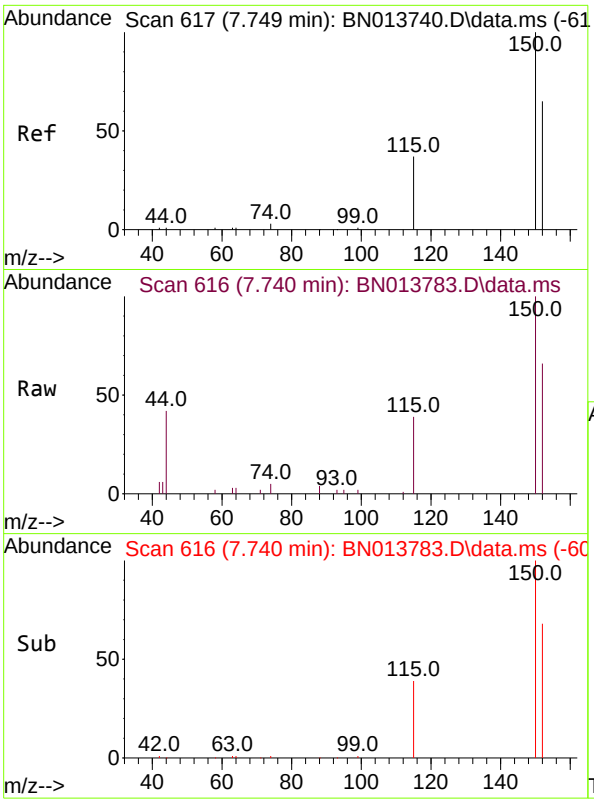
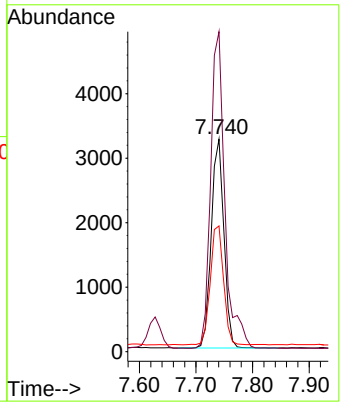
BNA_N
ClientSampleId :
PB134842BSD

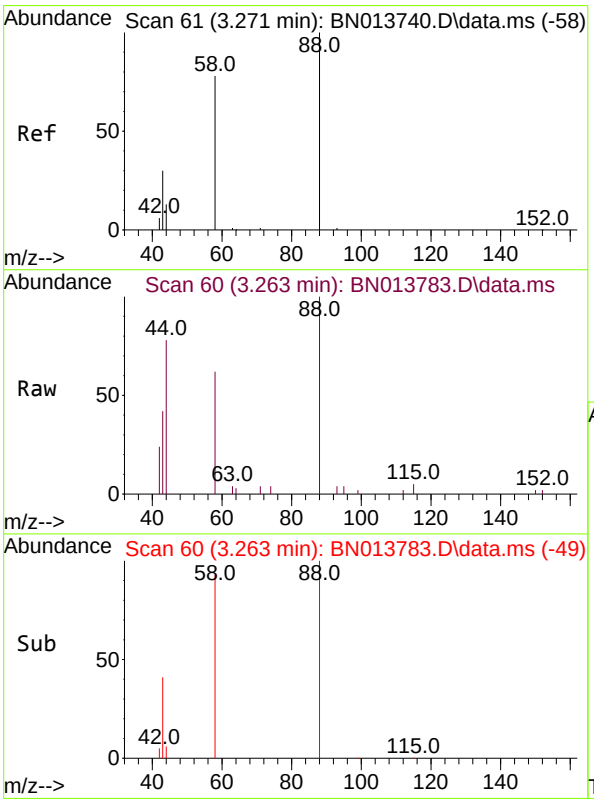


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.740 min Scan# 616
Delta R.T. -0.001 min
Lab File: BN013783.D
Acq: 26 Feb 2021 14:58

Tgt Ion:152 Resp: 5031

Ion	Ratio	Lower	Upper
152	100		
150	150.5	121.8	182.8
115	59.2	46.6	69.8

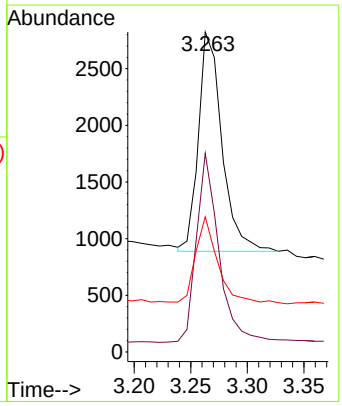




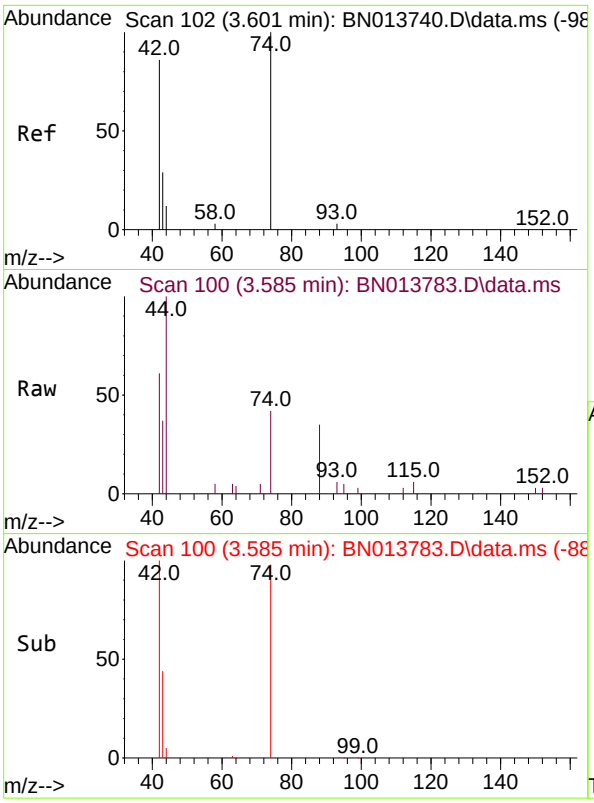
#2
1,4-Dioxane
Concen: 0.46 ng
RT: 3.263 min Scan# 60
Delta R.T. -0.008 min
Lab File: BN013783.D
Acq: 26 Feb 2021 14:58

Tgt Ion: 88 Resp: 2800

Ion	Ratio	Lower	Upper
88	100		
58	82.6	64.6	96.8
43	38.2	26.6	40.0



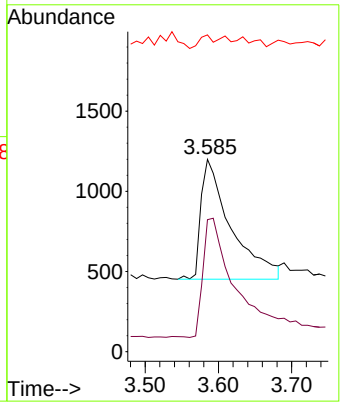
Instrument :
BNA_N
ClientSampleId :
PB134842BSD

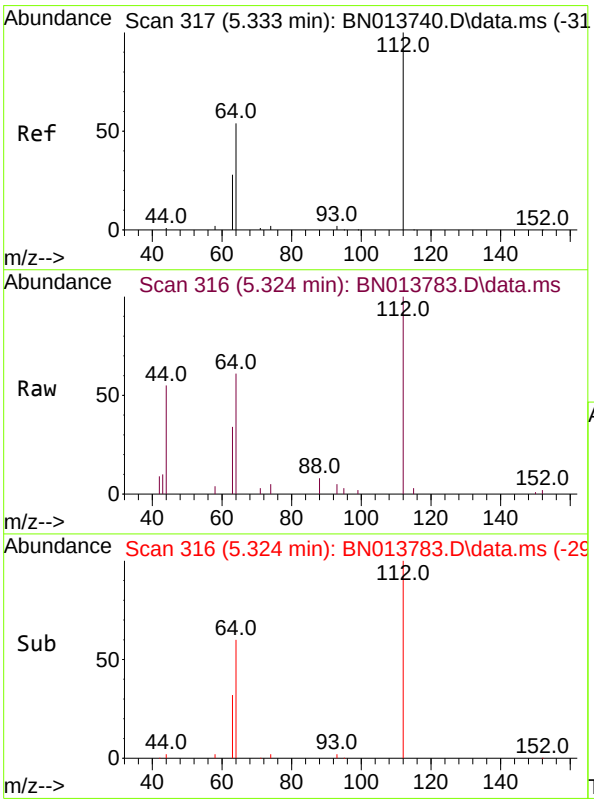


#3
n-Nitrosodimethylamine
Concen: 0.46 ng
RT: 3.585 min Scan# 100
Delta R.T. -0.000 min
Lab File: BN013783.D
Acq: 26 Feb 2021 14:58

Tgt Ion: 42 Resp: 2133

Ion	Ratio	Lower	Upper
42	100		
74	105.9	95.0	142.6
44	4.8	5.8	8.8#

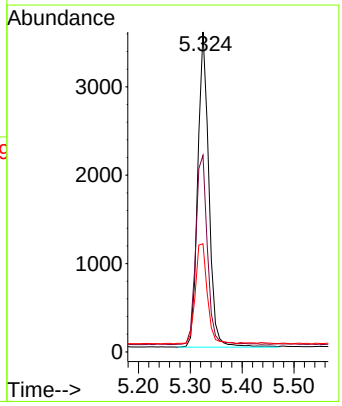




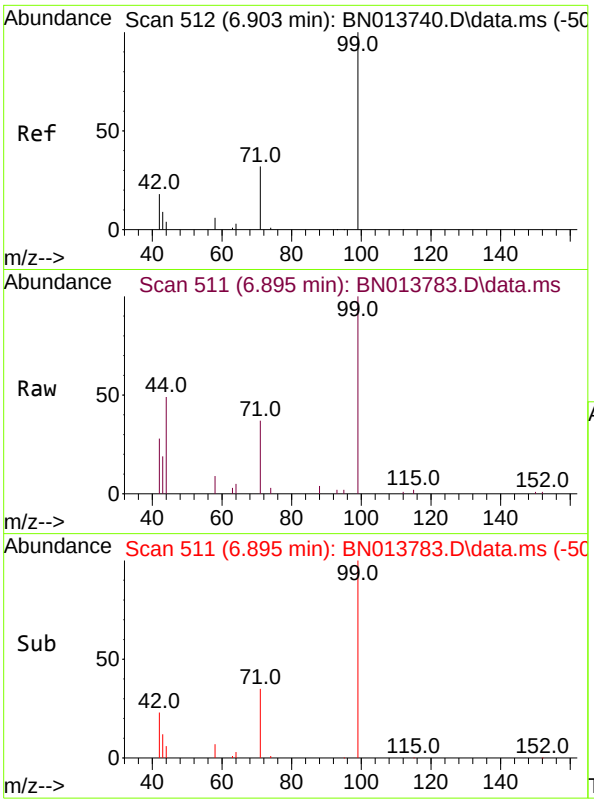
#4
2-Fluorophenol
Concen: 0.39 ng
RT: 5.324 min Scan# 316
Delta R.T. -0.000 min
Lab File: BN013783.D
Acq: 26 Feb 2021 14:58

Tgt Ion:112 Resp: 5310

Ion	Ratio	Lower	Upper
112	100		
64	63.2	44.3	66.5
63	34.2	23.0	34.6



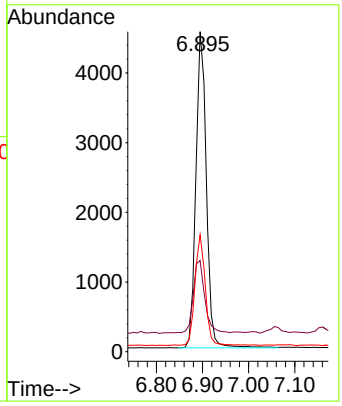
Instrument :
BNA_N
ClientSampleId :
PB134842BSD

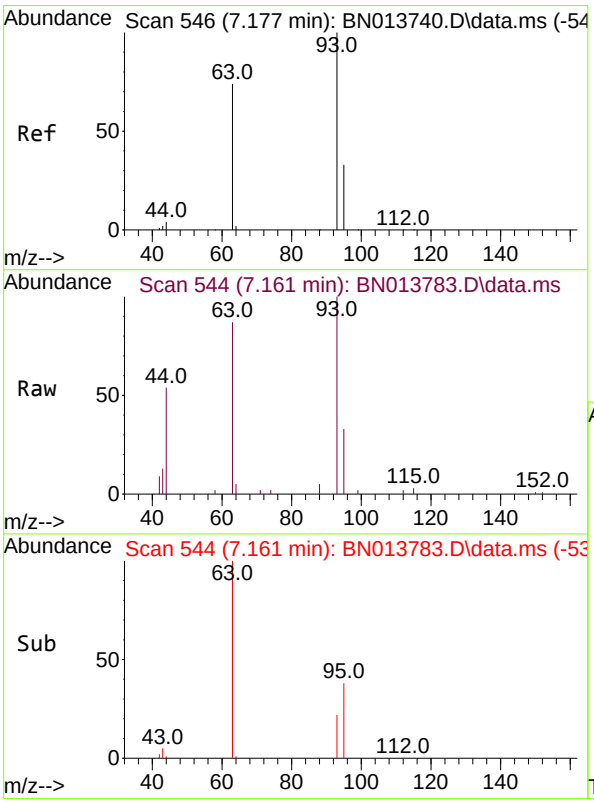


#5
Phenol-d6
Concen: 0.40 ng
RT: 6.895 min Scan# 511
Delta R.T. -0.008 min
Lab File: BN013783.D
Acq: 26 Feb 2021 14:58

Tgt Ion: 99 Resp: 7131

Ion	Ratio	Lower	Upper
99	100		
42	25.0	15.2	22.8#
71	34.7	26.1	39.1

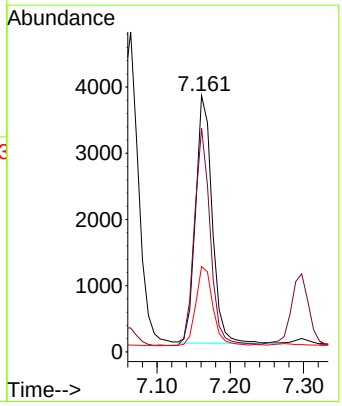




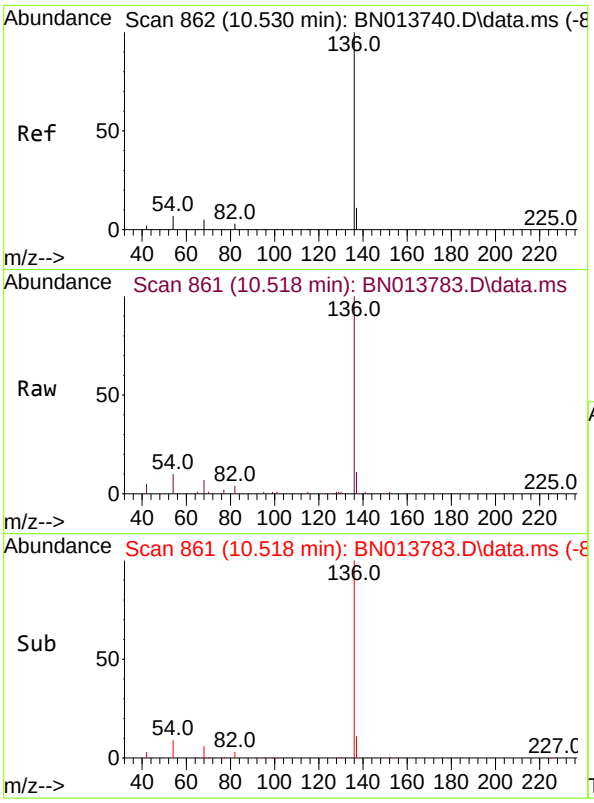
#6
bis(2-Chloroethyl)ether
Concen: 0.46 ng
RT: 7.161 min Scan# 544
Delta R.T. -0.008 min
Lab File: BN013783.D
Acq: 26 Feb 2021 14:58

Tgt Ion: 93 Resp: 5871

Ion	Ratio	Lower	Upper
93	100		
63	84.6	60.8	91.2
95	33.1	26.0	39.0



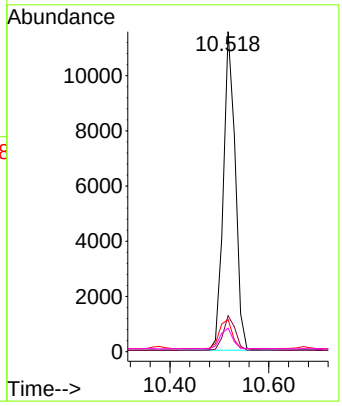
Instrument :
BNA_N
ClientSampleId :
PB134842BSD

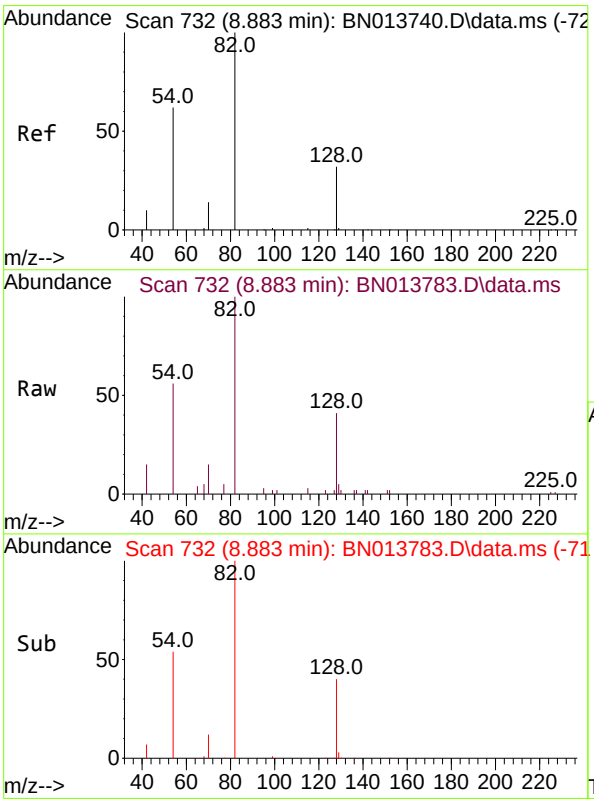


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.518 min Scan# 861
Delta R.T. -0.013 min
Lab File: BN013783.D
Acq: 26 Feb 2021 14:58

Tgt Ion:136 Resp: 19147

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	10.0	6.4	9.6#
68	7.4	4.5	6.7#

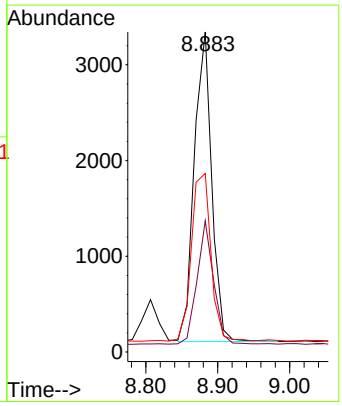




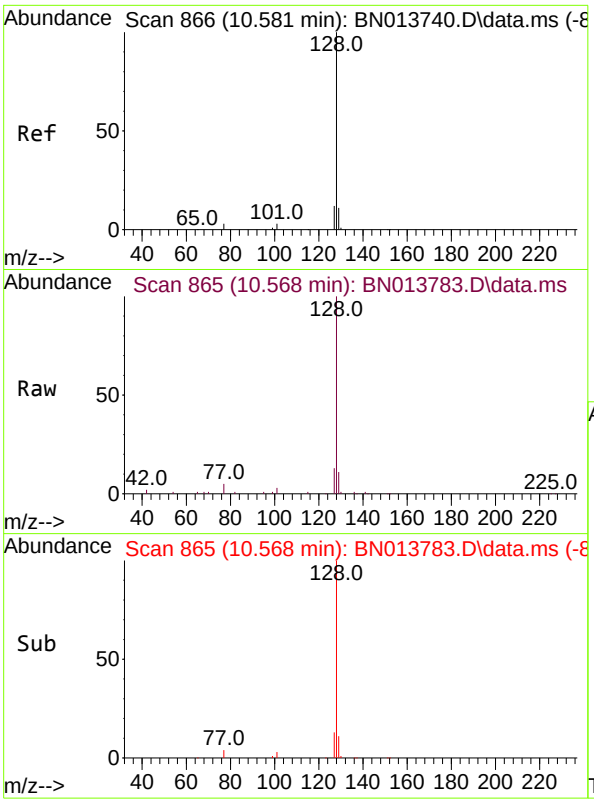
#8
Nitrobenzene-d5
Concen: 0.44 ng
RT: 8.883 min Scan# 732
Delta R.T. -0.000 min
Lab File: BN013783.D
Acq: 26 Feb 2021 14:58

Tgt Ion: 82 Resp: 5459

Ion	Ratio	Lower	Upper
82	100		
128	41.0	39.2	58.8
54	55.8	40.1	60.1



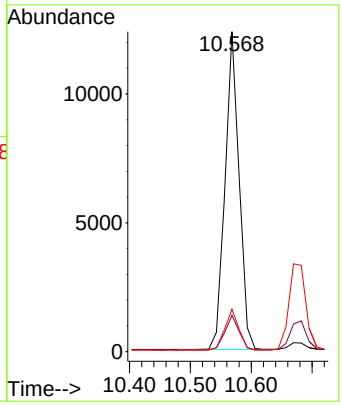
Instrument :
BNA_N
ClientSampleId :
PB134842BSD

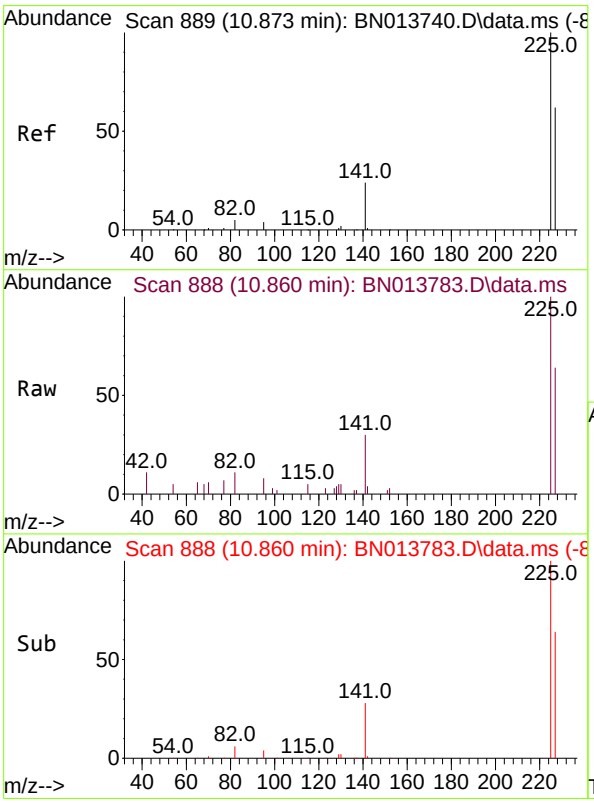


#9
Naphthalene
Concen: 0.42 ng
RT: 10.568 min Scan# 865
Delta R.T. -0.000 min
Lab File: BN013783.D
Acq: 26 Feb 2021 14:58

Tgt Ion:128 Resp: 19727

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.4
127	13.2	10.4	15.6

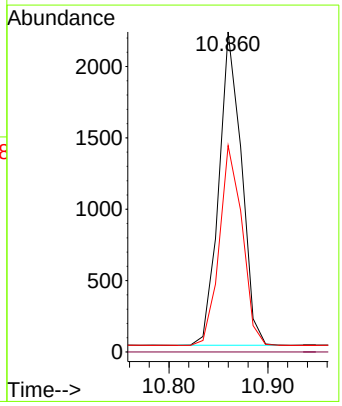




#10
Hexachlorobutadiene
Concen: 0.39 ng
RT: 10.860 min Scan# 888
Delta R.T. -0.013 min
Lab File: BN013783.D
Acq: 26 Feb 2021 14:58

Tgt Ion:225 Resp: 3494

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.4	51.2	76.8



Instrument :
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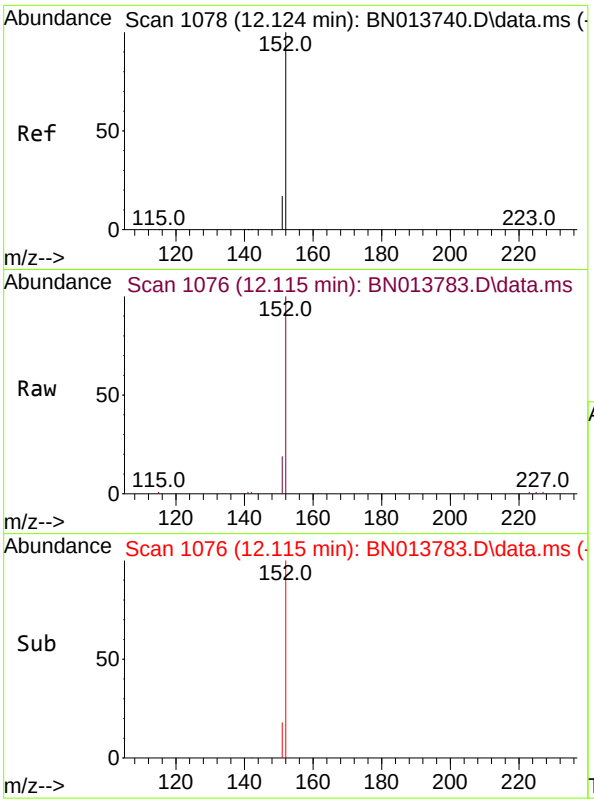
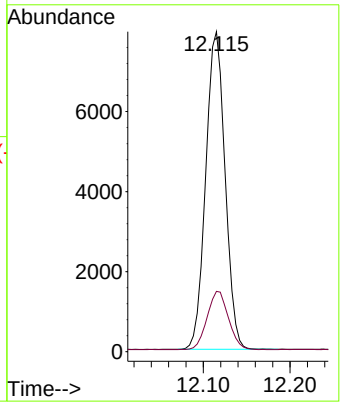
PB134842BSD

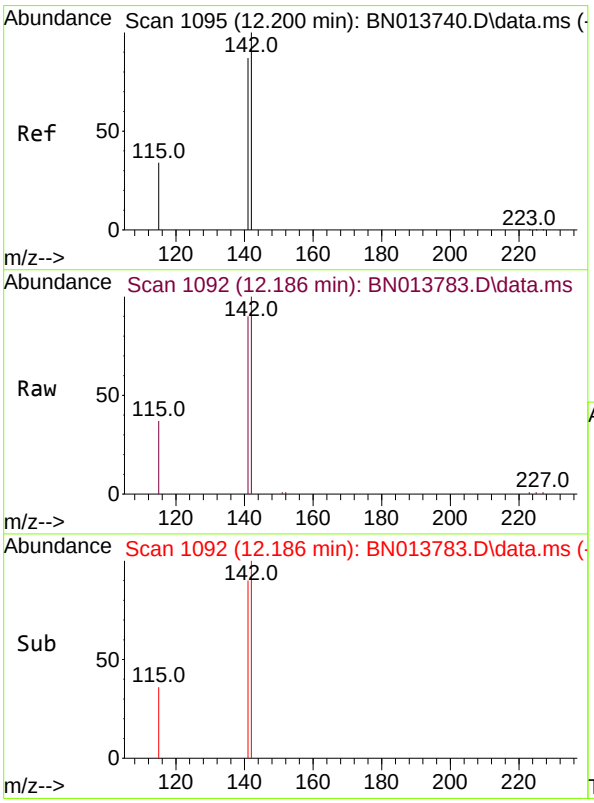


#11
2-Methylnaphthalene-d10
Concen: 0.40 ng
RT: 12.115 min Scan# 1076
Delta R.T. -0.005 min
Lab File: BN013783.D
Acq: 26 Feb 2021 14:58

Tgt Ion:152 Resp: 12302

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2

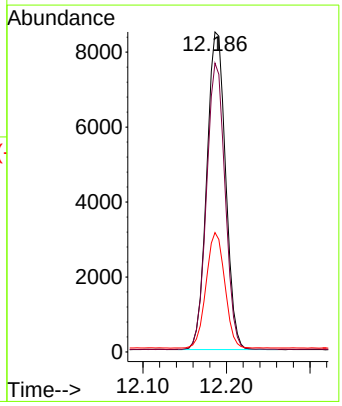


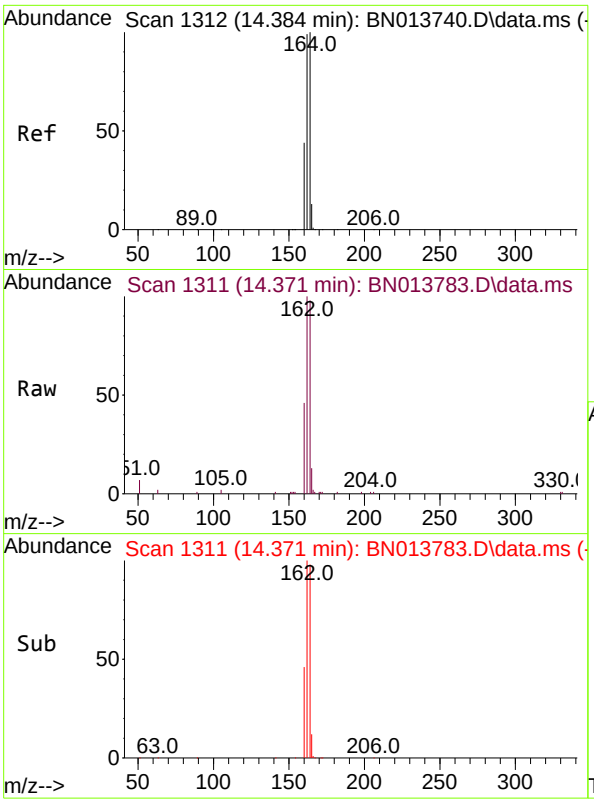


#12
2-Methylnaphthalene
Concen: 0.40 ng
RT: 12.186 min Scan# 1092
Delta R.T. -0.009 min
Lab File: BN013783.D
Acq: 26 Feb 2021 14:58

Tgt Ion:142 Resp: 13267

Ion	Ratio	Lower	Upper
142	100		
141	90.3	70.5	105.7
115	37.3	27.4	41.0

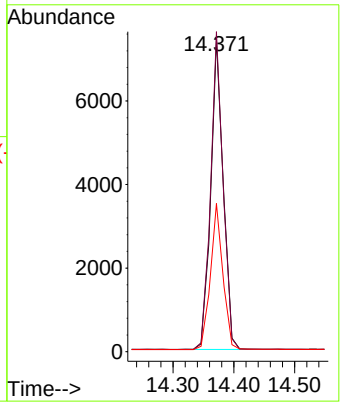




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.371 min Scan# 1311
Delta R.T. -0.000 min
Lab File: BN013783.D
Acq: 26 Feb 2021 14:58

Tgt Ion:164 Resp: 10586

Ion	Ratio	Lower	Upper
164	100		
162	102.4	79.6	119.4
160	47.5	36.0	54.0



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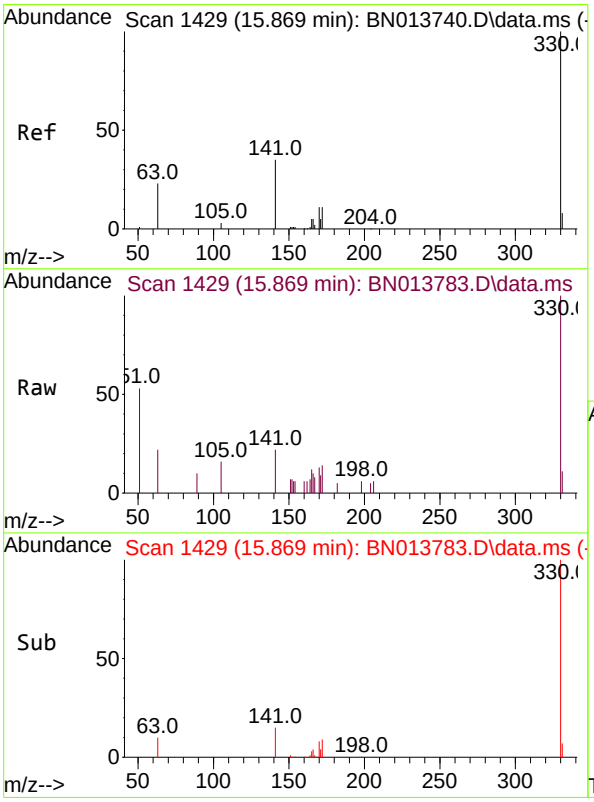
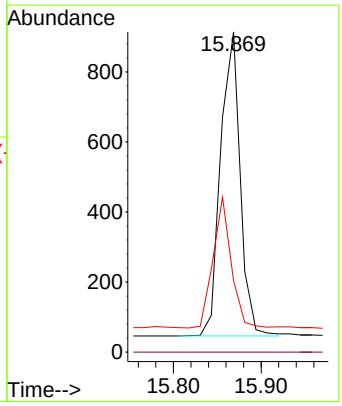


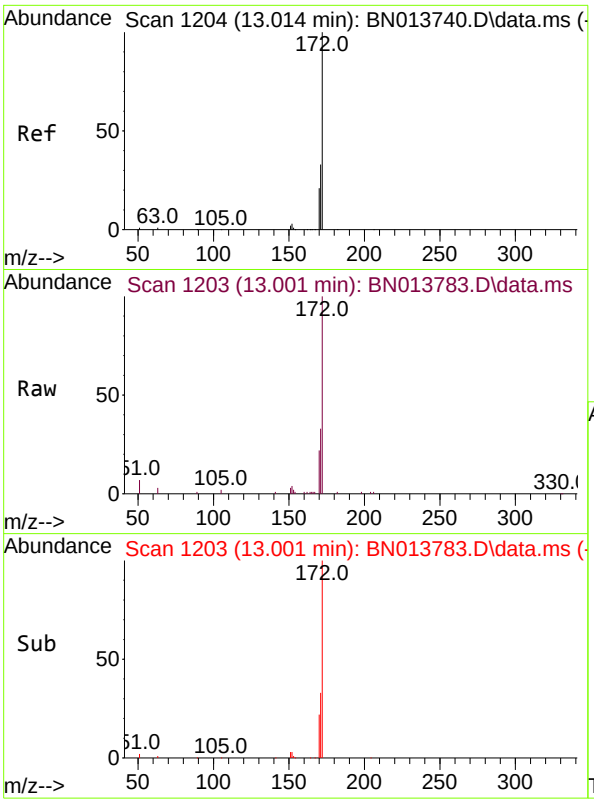
#14
2,4,6-Tribromophenol
Concen: 0.31 ng
RT: 15.869 min Scan# 1429
Delta R.T. -0.000 min
Lab File: BN013783.D
Acq: 26 Feb 2021 14:58

Tgt Ion:330 Resp: 1349

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	39.8	26.8	40.2



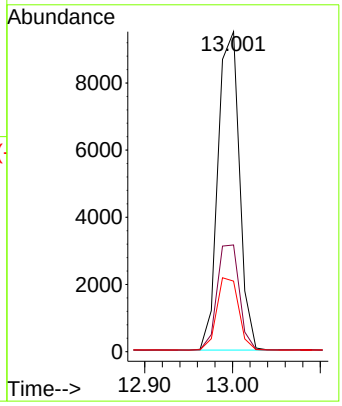
Instrument :
BNA_N
ClientSampleId :
PB134842BSD

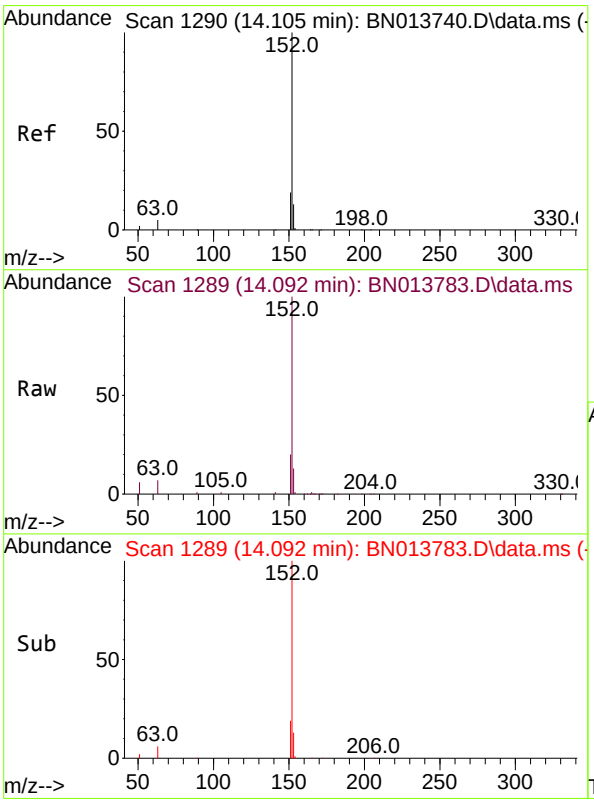


#15
2-Fluorobiphenyl
Concen: 0.43 ng
RT: 13.001 min Scan# 1203
Delta R.T. -0.000 min
Lab File: BN013783.D
Acq: 26 Feb 2021 14:58

Tgt Ion:172 Resp: 16116

Ion	Ratio	Lower	Upper
172	100		
171	33.4	28.6	42.8
170	22.0	18.9	28.3

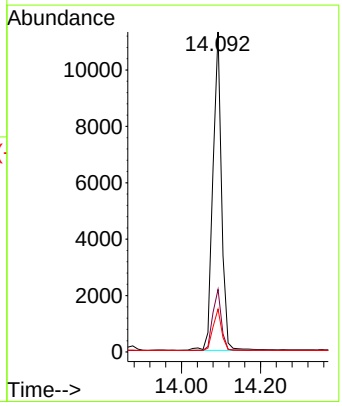




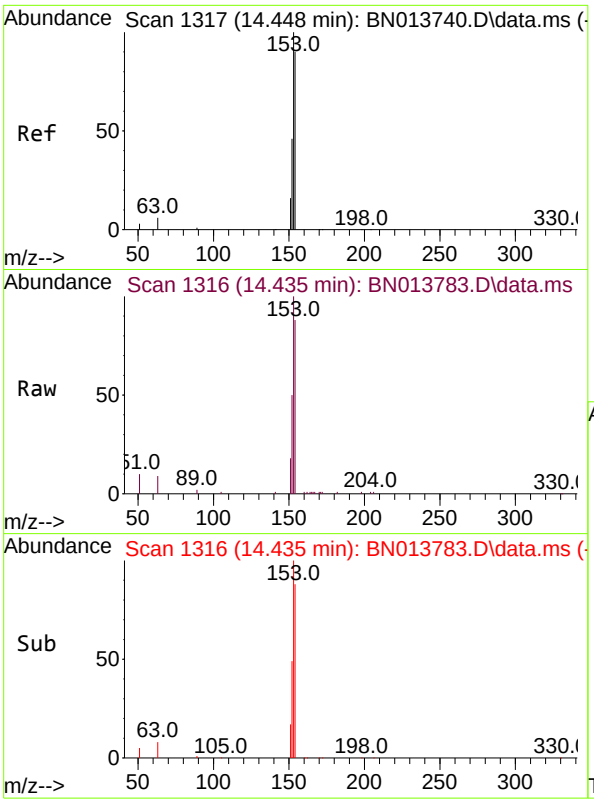
#16
Acenaphthylene
Concen: 0.36 ng
RT: 14.092 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BN013783.D
Acq: 26 Feb 2021 14:58

Tgt Ion:152 Resp: 17201

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.7	23.5
153	13.0	10.5	15.7



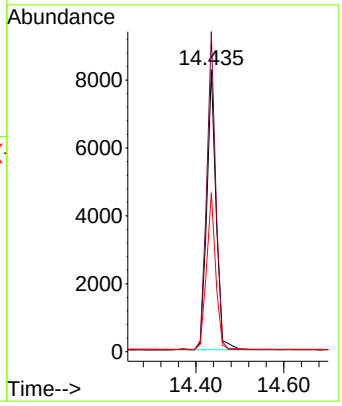
Instrument :
BNA_N
ClientSampleId :
PB134842BSD

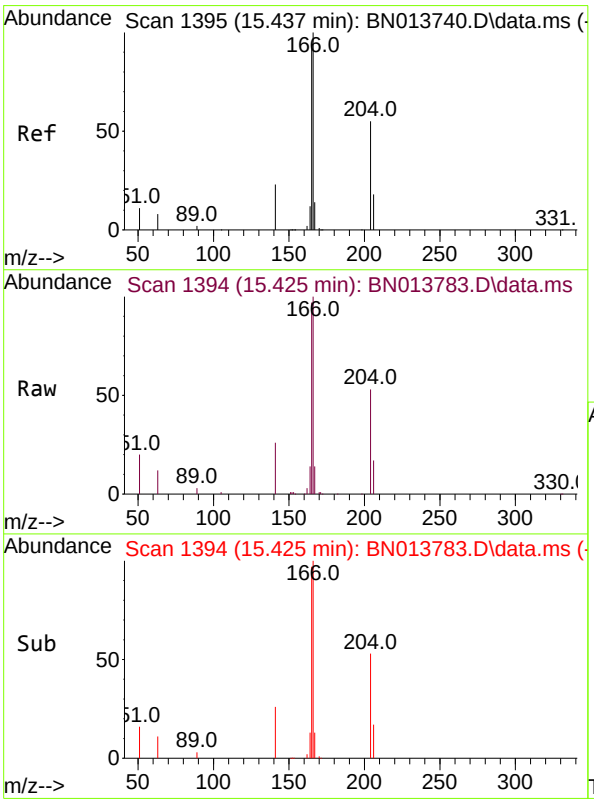


#17
Acenaphthene
Concen: 0.41 ng
RT: 14.435 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BN013783.D
Acq: 26 Feb 2021 14:58

Tgt Ion:154 Resp: 12086

Ion	Ratio	Lower	Upper
154	100		
153	110.5	88.4	132.6
152	54.9	43.0	64.4

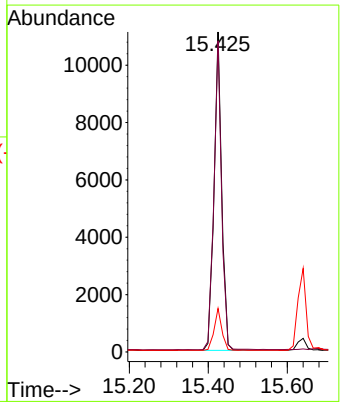




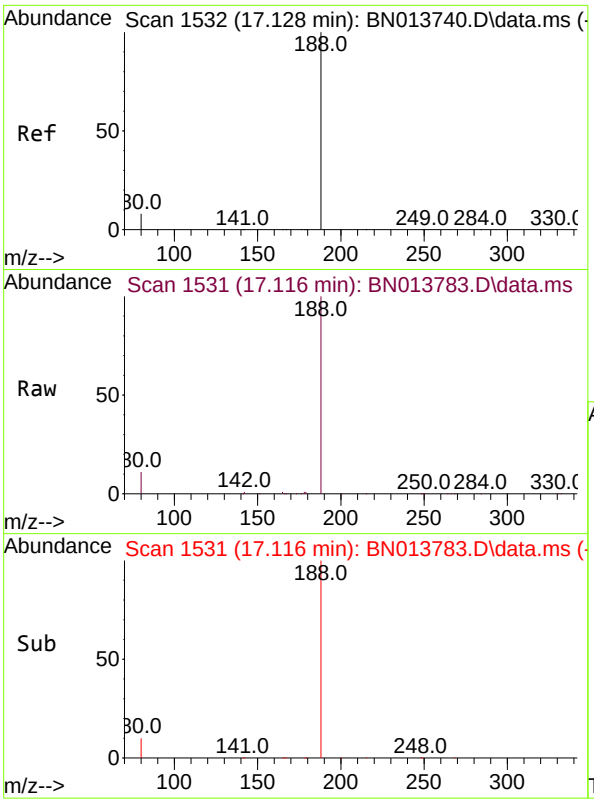
#18
Fluorene
Concen: 0.39 ng
RT: 15.425 min Scan# 1394
Delta R.T. -0.000 min
Lab File: BN013783.D
Acq: 26 Feb 2021 14:58

Tgt Ion:166 Resp: 14987

Ion	Ratio	Lower	Upper
166	100		
165	97.2	77.8	116.8
167	13.3	10.6	16.0



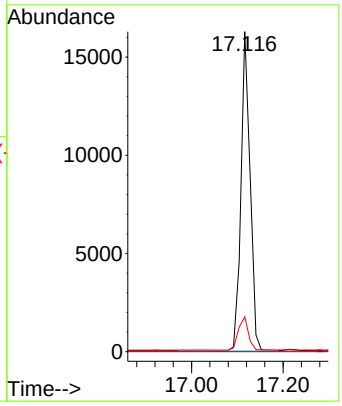
Instrument :
BNA_N
ClientSampleId :
PB134842BSD

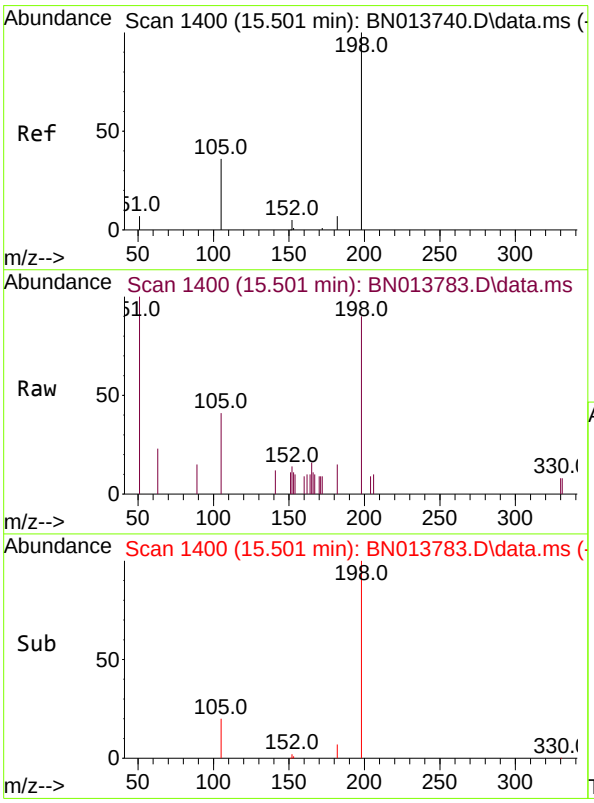


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.116 min Scan# 1531
Delta R.T. -0.012 min
Lab File: BN013783.D
Acq: 26 Feb 2021 14:58

Tgt Ion:188 Resp: 22289

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.9	9.0	13.6

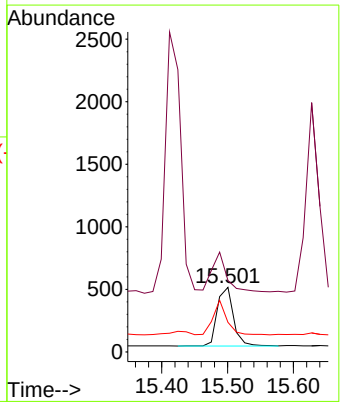


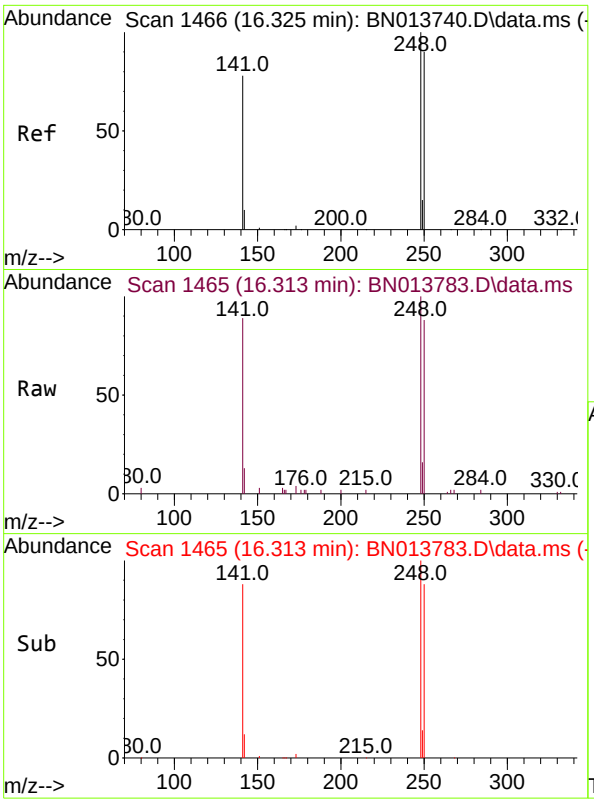


#20
4,6-Dinitro-2-methylphenol
Concen: 0.52 ng
RT: 15.501 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BN013783.D
Acq: 26 Feb 2021 14:58

Tgt Ion:198 Resp: 804

Ion	Ratio	Lower	Upper
198	100		
51	110.9	61.7	92.5#
105	45.9	33.0	49.6

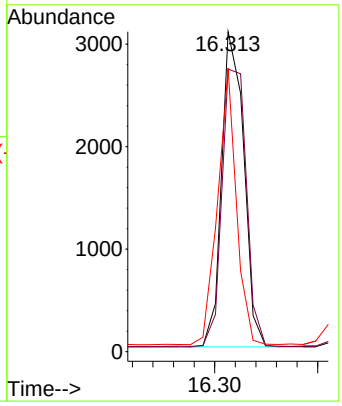




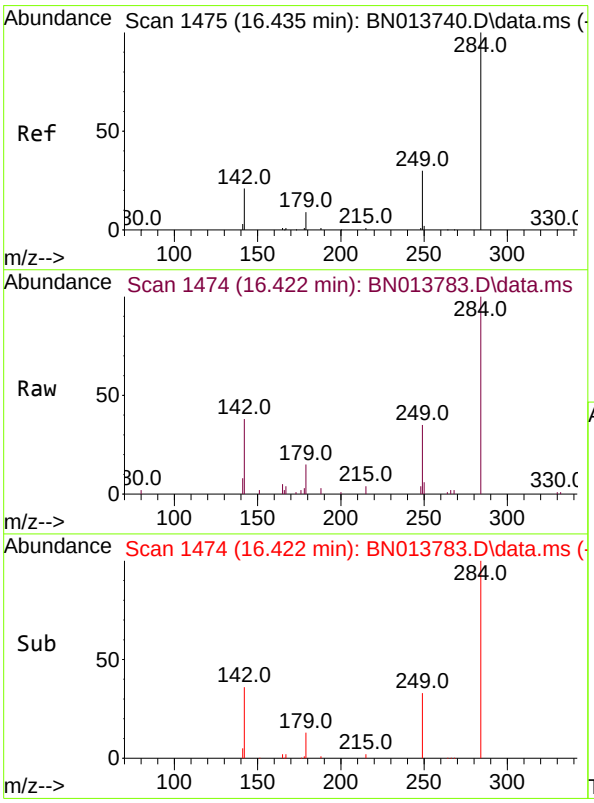
#21
4-Bromophenyl-phenylether
Concen: 0.38 ng
RT: 16.313 min Scan# 1465
Delta R.T. -0.012 min
Lab File: BN013783.D
Acq: 26 Feb 2021 14:58

Tgt Ion:248 Resp: 4603

Ion	Ratio	Lower	Upper
248	100		
250	88.3	75.5	113.3
141	88.6	53.8	80.8#



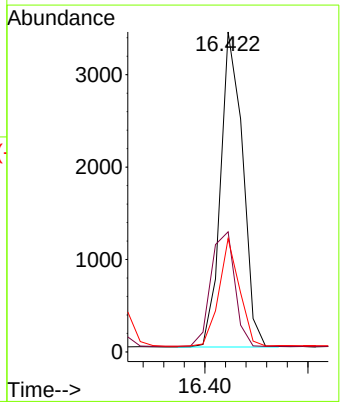
Instrument :
BNA_N
ClientSampleId :
PB134842BSD



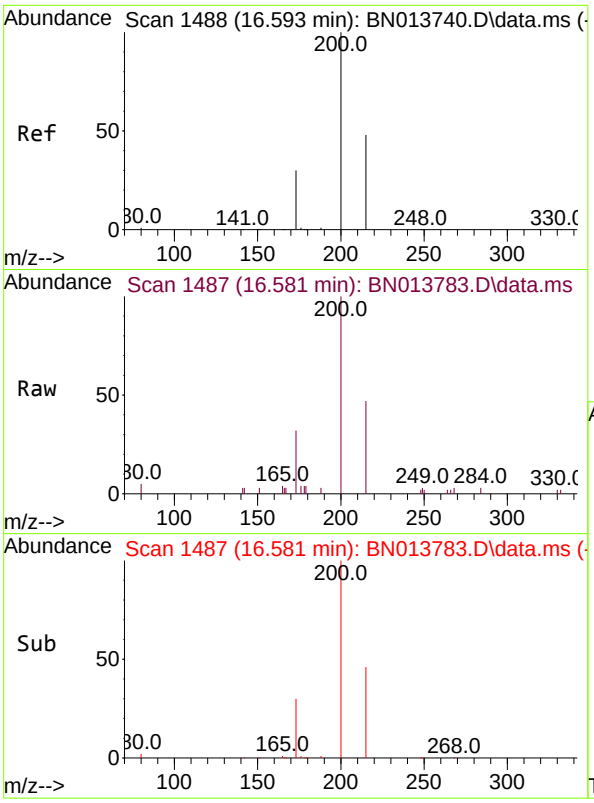
#22
Hexachlorobenzene
Concen: 0.40 ng
RT: 16.422 min Scan# 1474
Delta R.T. -0.012 min
Lab File: BN013783.D
Acq: 26 Feb 2021 14:58

Tgt Ion:284 Resp: 5084

Ion	Ratio	Lower	Upper
284	100		
142	39.3	27.9	41.9
249	31.7	24.2	36.2



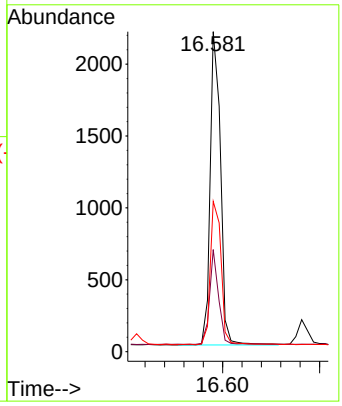
Instrument :
BNA_N
ClientSampleId :
PB134842BSD

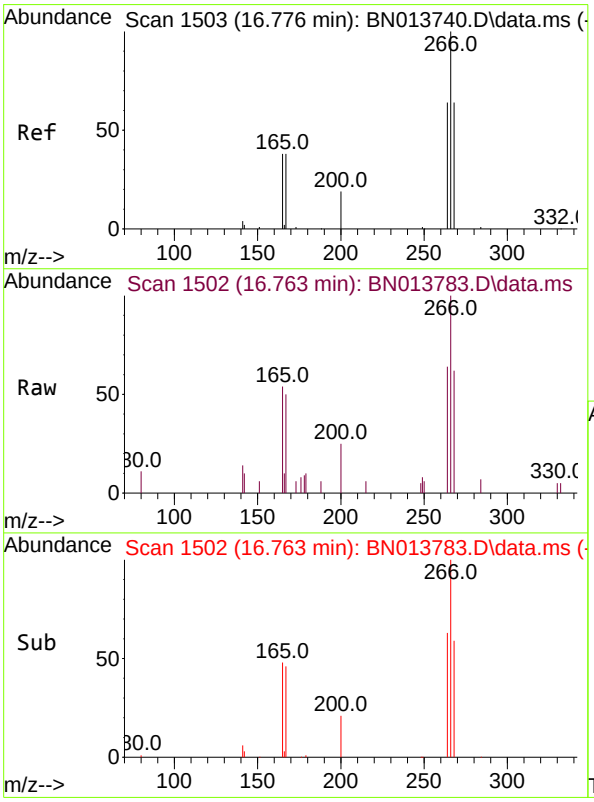


#23
Atrazine
Concen: 0.29 ng
RT: 16.581 min Scan# 1487
Delta R.T. -0.012 min
Lab File: BN013783.D
Acq: 26 Feb 2021 14:58

Tgt Ion:200 Resp: 3234

Ion	Ratio	Lower	Upper
200	100		
173	31.9	18.6	28.0#
215	46.9	41.0	61.6

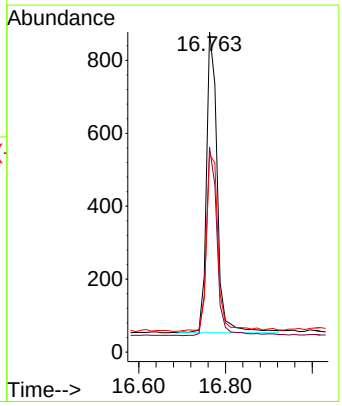




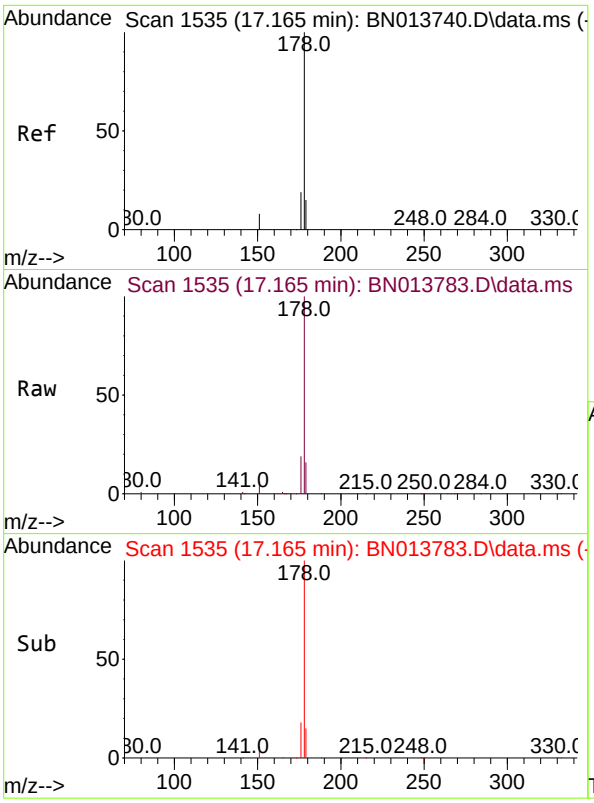
#24
Pentachlorophenol
Concen: 0.35 ng
RT: 16.763 min Scan# 1502
Delta R.T. -0.012 min
Lab File: BN013783.D
Acq: 26 Feb 2021 14:58

Tgt Ion:266 Resp: 1423

Ion	Ratio	Lower	Upper
266	100		
264	62.9	51.6	77.4
268	63.5	54.6	82.0



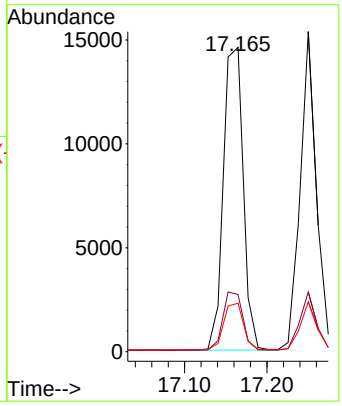
Instrument :
BNA_N
ClientSampleId :
PB134842BSD

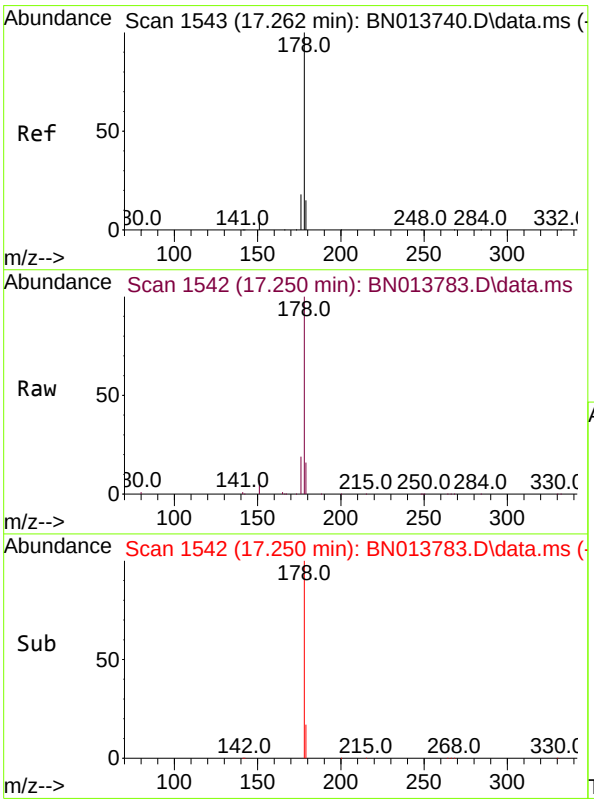


#25
Phenanthrene
Concen: 0.42 ng
RT: 17.165 min Scan# 1535
Delta R.T. 0.000 min
Lab File: BN013783.D
Acq: 26 Feb 2021 14:58

Tgt Ion:178 Resp: 24489

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.0	22.4
179	15.5	12.3	18.5

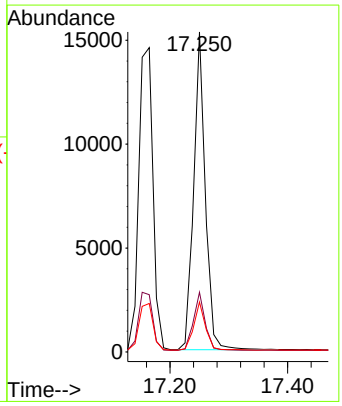




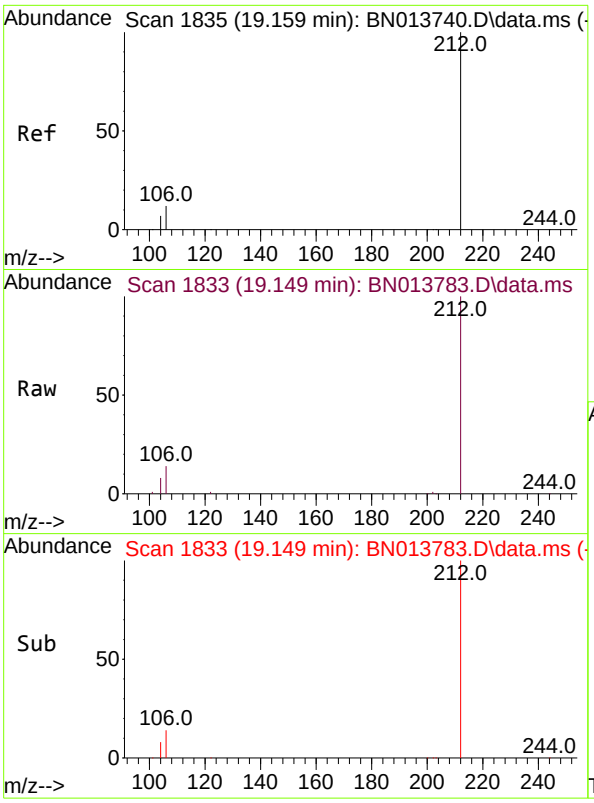
#26
Anthracene
Concen: 0.37 ng
RT: 17.250 min Scan# 1542
Delta R.T. 0.000 min
Lab File: BN013783.D
Acq: 26 Feb 2021 14:58

Tgt Ion:178 Resp: 21110

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.6	21.8
179	15.2	12.2	18.2



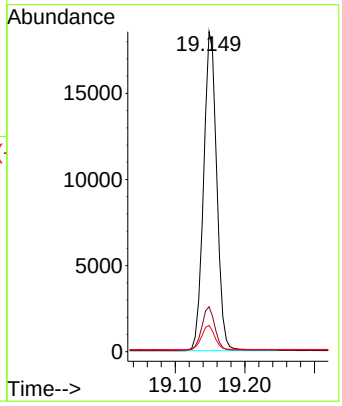
Instrument :
BNA_N
ClientSampleId :
PB134842BSD

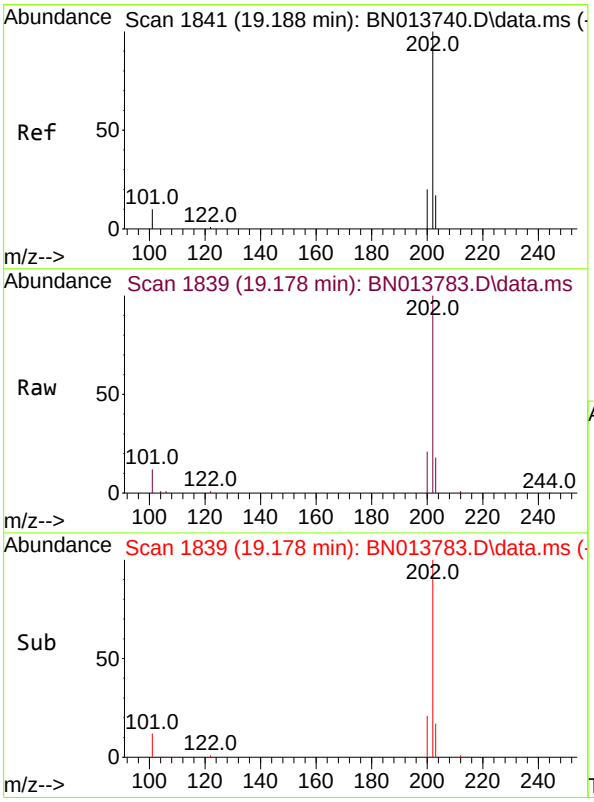


#27
Fluoranthene-d10
Concen: 0.37 ng
RT: 19.149 min Scan# 1833
Delta R.T. -0.007 min
Lab File: BN013783.D
Acq: 26 Feb 2021 14:58

Tgt Ion:212 Resp: 24352

Ion	Ratio	Lower	Upper
212	100		
106	13.5	9.7	14.5
104	7.8	5.5	8.3

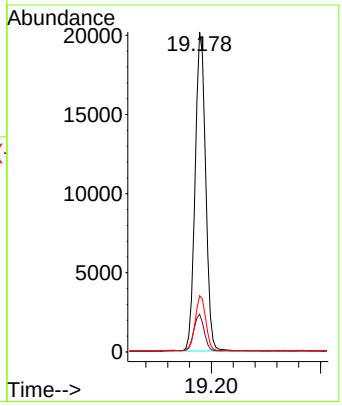




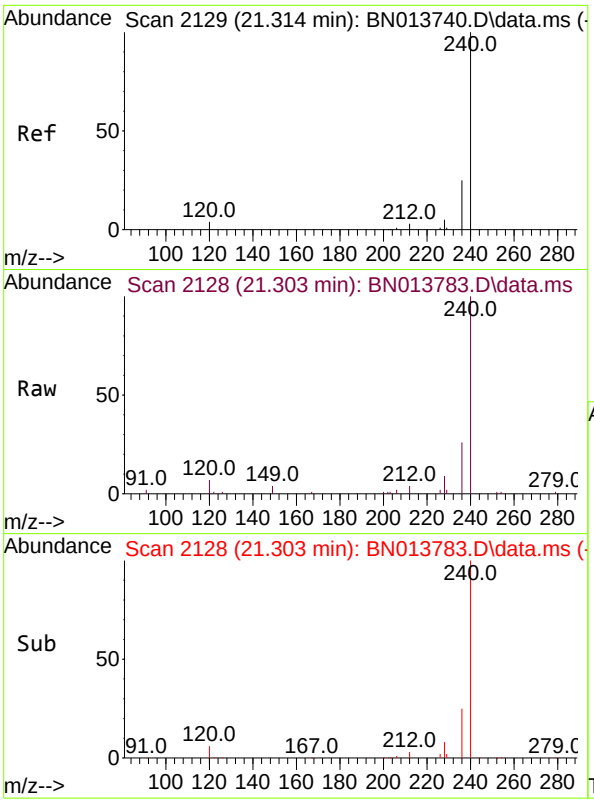
#28
Fluoranthene
Concen: 0.39 ng
RT: 19.178 min Scan# 1839
Delta R.T. -0.007 min
Lab File: BN013783.D
Acq: 26 Feb 2021 14:58

Tgt Ion:202 Resp: 26877

Ion	Ratio	Lower	Upper
202	100		
101	11.5	8.1	12.1
203	17.3	13.9	20.9



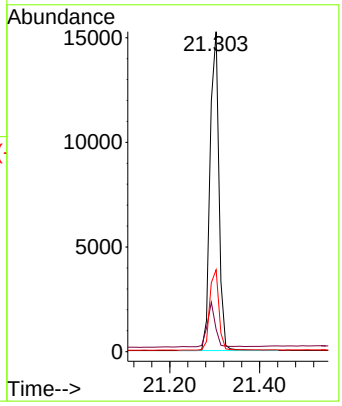
Instrument :
BNA_N
ClientSampleId :
PB134842BSD

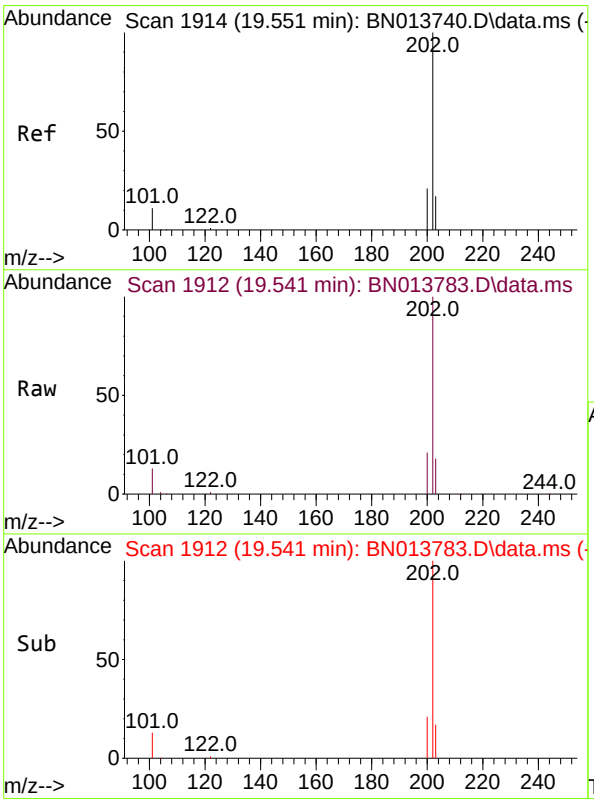


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.303 min Scan# 2128
Delta R.T. 0.003 min
Lab File: BN013783.D
Acq: 26 Feb 2021 14:58

Tgt Ion:240 Resp: 20715

Ion	Ratio	Lower	Upper
240	100		
120	7.0	10.2	15.4#
236	25.6	21.3	31.9

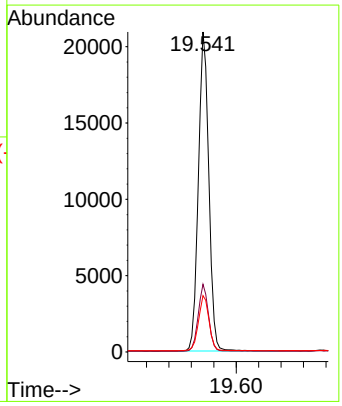




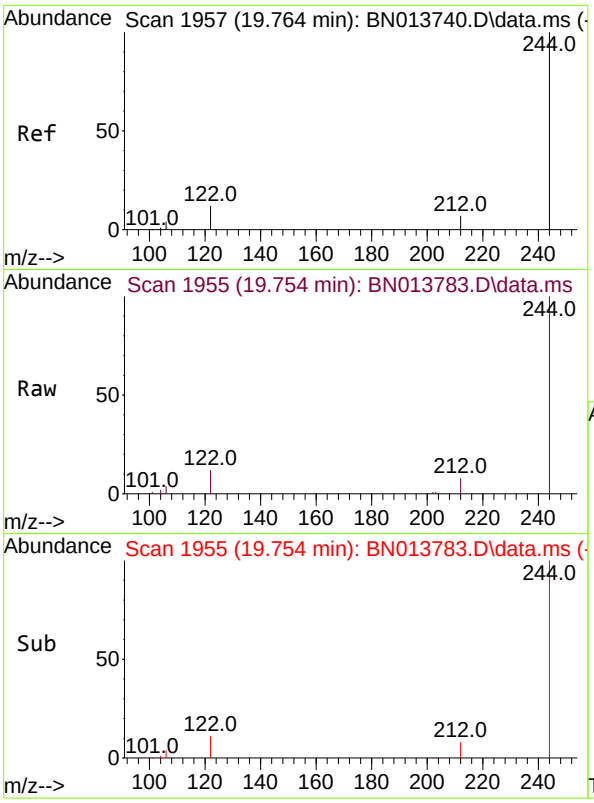
#30
Pyrene
Concen: 0.42 ng
RT: 19.541 min Scan# 1912
Delta R.T. -0.007 min
Lab File: BN013783.D
Acq: 26 Feb 2021 14:58

Tgt Ion:202 Resp: 27002

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.3	24.5
203	17.6	14.0	21.0



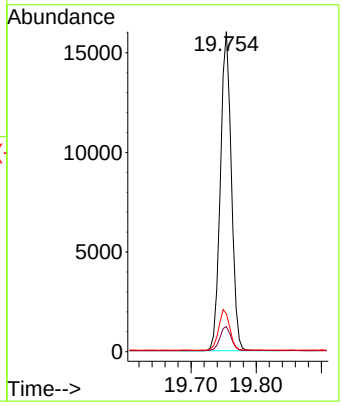
Instrument :
BNA_N
ClientSampleId :
PB134842BSD

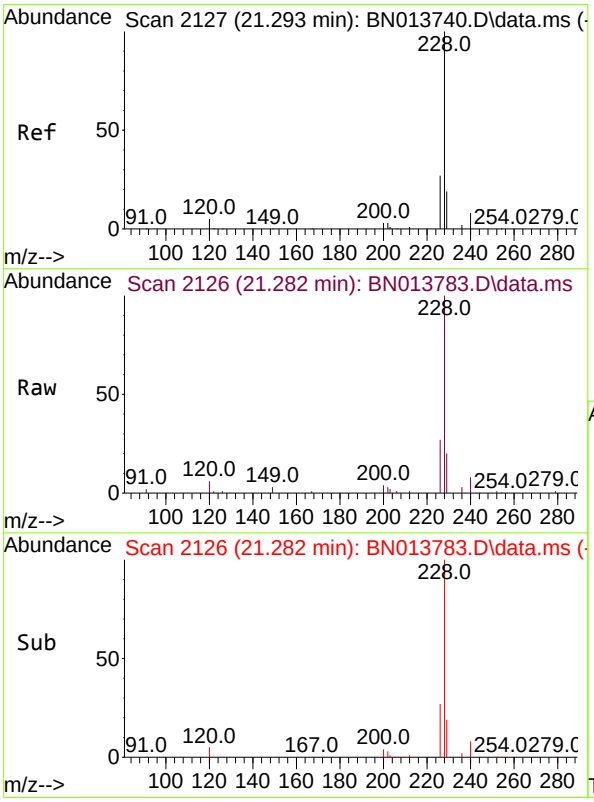


#31
Terphenyl-d14
Concen: 0.41 ng
RT: 19.754 min Scan# 1955
Delta R.T. -0.007 min
Lab File: BN013783.D
Acq: 26 Feb 2021 14:58

Tgt Ion:244 Resp: 18658

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.1	9.1
122	11.9	9.8	14.8

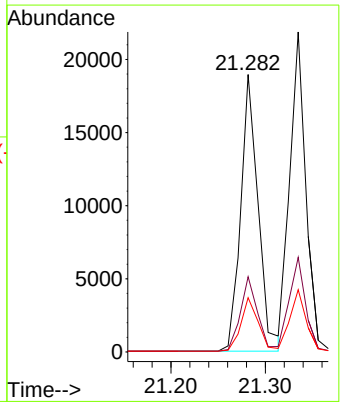




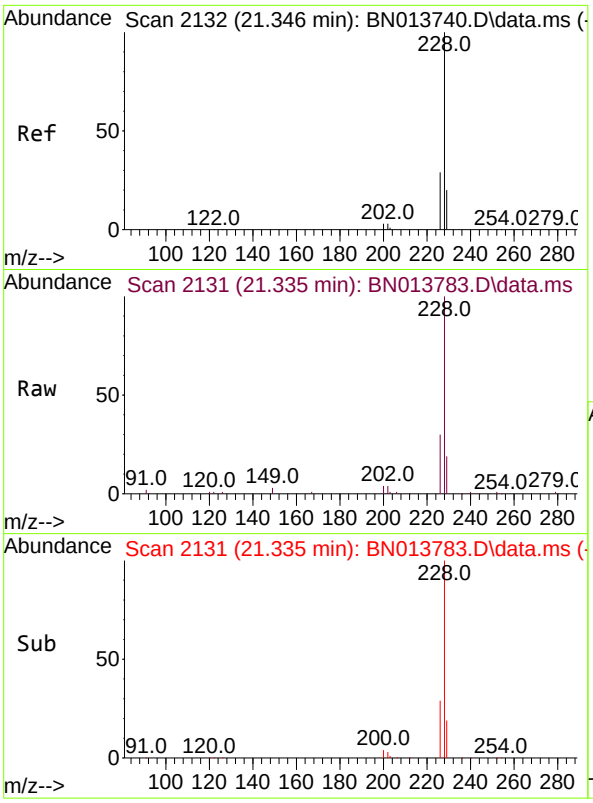
#32
Benzo(a)anthracene
Concen: 0.38 ng
RT: 21.282 min Scan# 2126
Delta R.T. -0.008 min
Lab File: BN013783.D
Acq: 26 Feb 2021 14:58

Tgt Ion:228 Resp: 24227

Ion	Ratio	Lower	Upper
228	100		
226	27.1	20.5	30.7
229	19.6	16.2	24.4



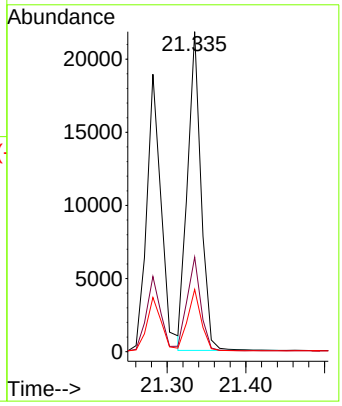
Instrument :
BNA_N
ClientSampleId :
PB134842BSD

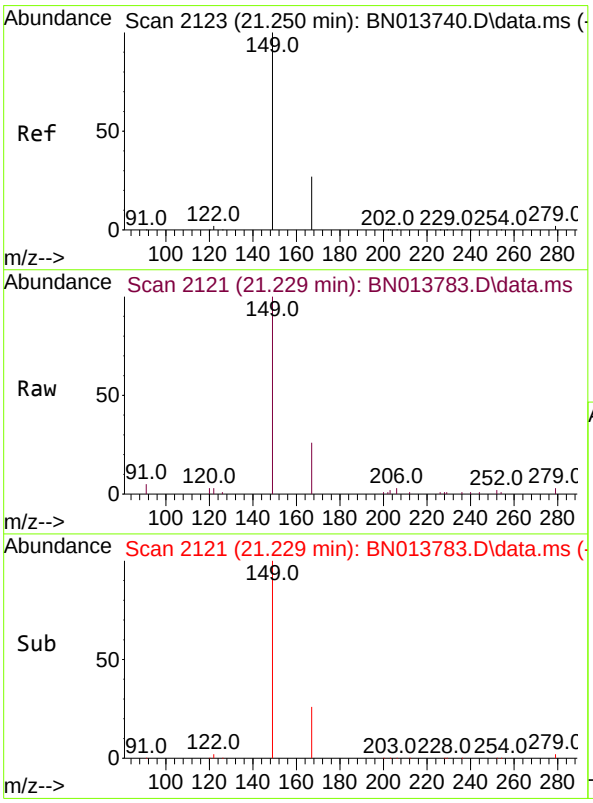


#33
Chrysene
Concen: 0.42 ng
RT: 21.335 min Scan# 2131
Delta R.T. -0.008 min
Lab File: BN013783.D
Acq: 26 Feb 2021 14:58

Tgt Ion:228 Resp: 26021

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.3	36.5
229	19.5	15.1	22.7

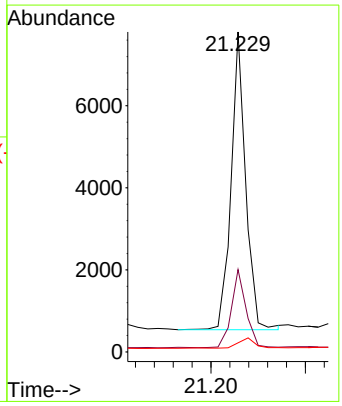




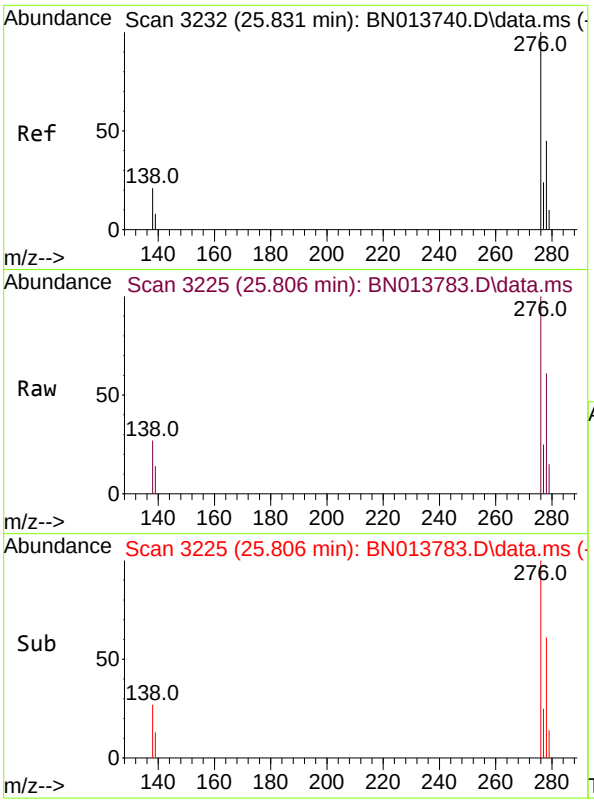
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.26 ng
RT: 21.229 min Scan# 2121
Delta R.T. -0.008 min
Lab File: BN013783.D
Acq: 26 Feb 2021 14:58

Tgt Ion:149 Resp: 7755

Ion	Ratio	Lower	Upper
149	100		
167	26.4	22.1	33.1
279	4.0	3.5	5.3



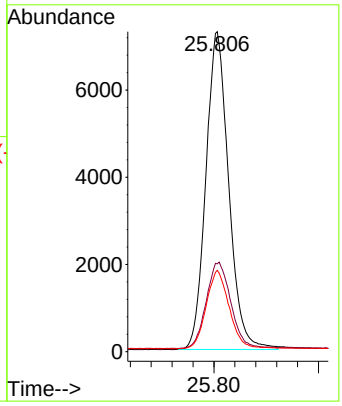
Instrument :
BNA_N
ClientSampleId :
PB134842BSD

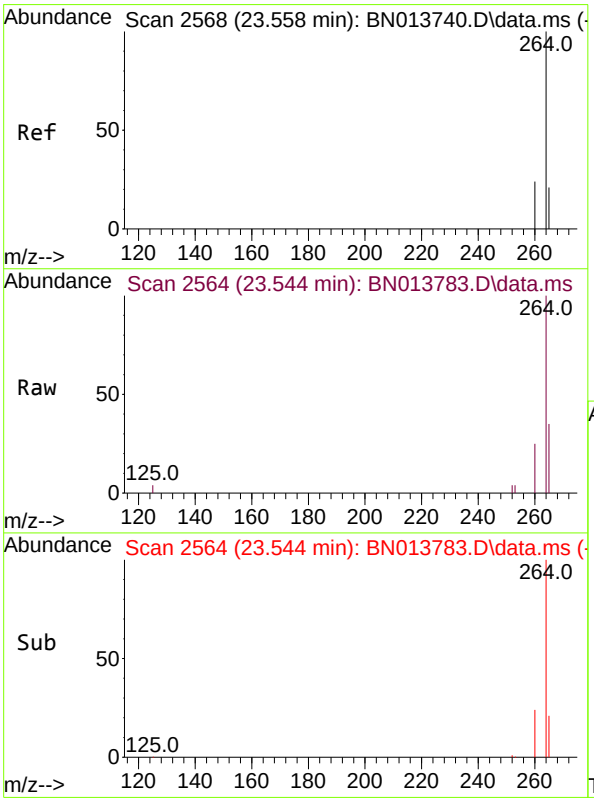


#35
Indeno(1,2,3-cd)pyrene
Concen: 0.29 ng
RT: 25.806 min Scan# 3225
Delta R.T. -0.011 min
Lab File: BN013783.D
Acq: 26 Feb 2021 14:58

Tgt Ion:276 Resp: 22088

Ion	Ratio	Lower	Upper
276	100		
138	29.0	19.8	29.6
277	24.9	19.9	29.9

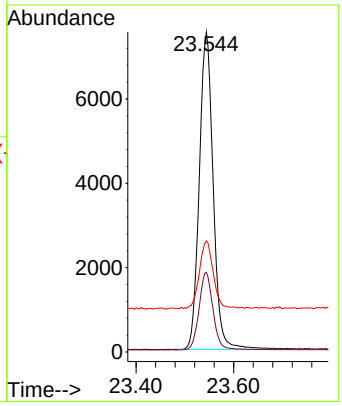




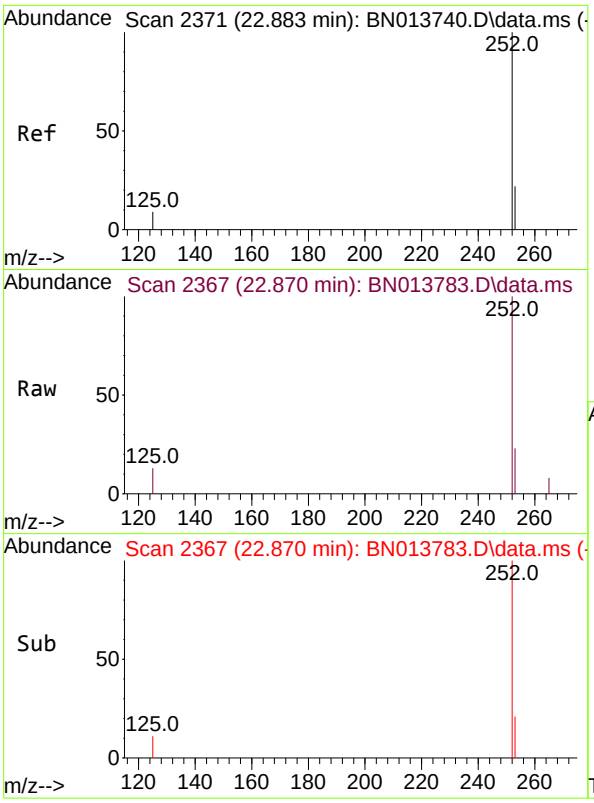
#36
Perylene-d12
Concen: 0.40 ng
RT: 23.544 min Scan# 2564
Delta R.T. -0.008 min
Lab File: BN013783.D
Acq: 26 Feb 2021 14:58

Tgt Ion:264 Resp: 14883

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.3	28.9
265	34.7	66.2	99.4#



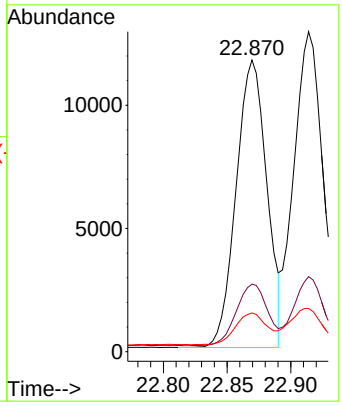
Instrument :
BNA_N
ClientSampleId :
PB134842BSD

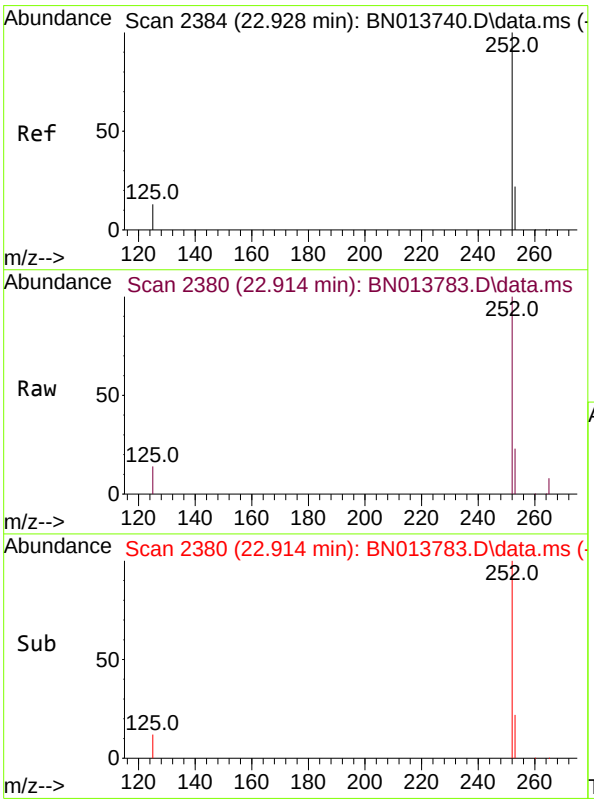


#37
Benzo(b)fluoranthene
Concen: 0.41 ng
RT: 22.870 min Scan# 2367
Delta R.T. -0.008 min
Lab File: BN013783.D
Acq: 26 Feb 2021 14:58

Tgt Ion:252 Resp: 19502

Ion	Ratio	Lower	Upper
252	100		
253	23.2	20.4	30.6
125	13.2	11.6	17.4

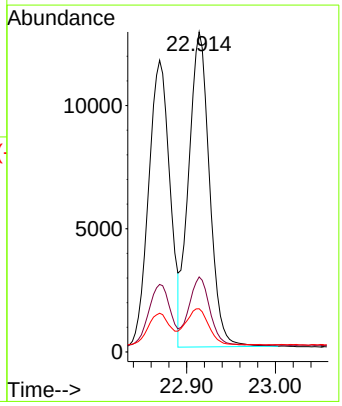




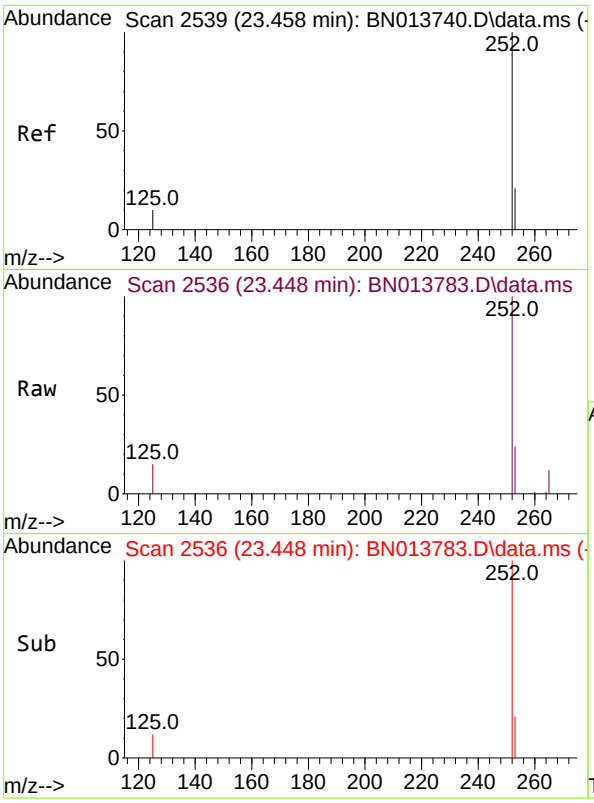
#38
Benzo(k)fluoranthene
Concen: 0.45 ng
RT: 22.914 min Scan# 2380
Delta R.T. -0.008 min
Lab File: BN013783.D
Acq: 26 Feb 2021 14:58

Tgt Ion:252 Resp: 20813

Ion	Ratio	Lower	Upper
252	100		
253	23.4	20.5	30.7
125	13.5	12.3	18.5



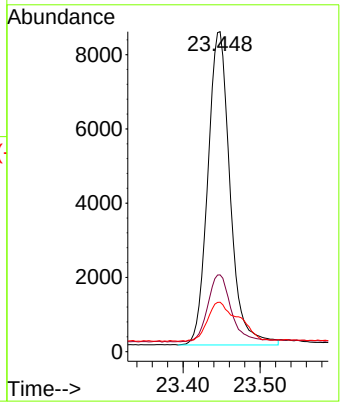
Instrument :
BNA_N
ClientSampleId :
PB134842BSD

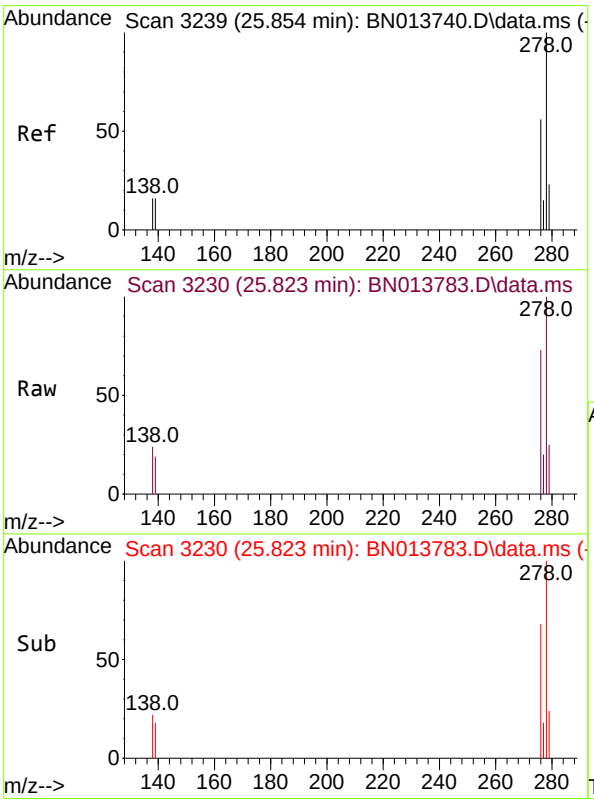


#39
Benzo(a)pyrene
Concen: 0.40 ng
RT: 23.448 min Scan# 2536
Delta R.T. -0.008 min
Lab File: BN013783.D
Acq: 26 Feb 2021 14:58

Tgt Ion:252 Resp: 16913

Ion	Ratio	Lower	Upper
252	100		
253	24.0	21.8	32.6
125	15.5	14.6	21.8

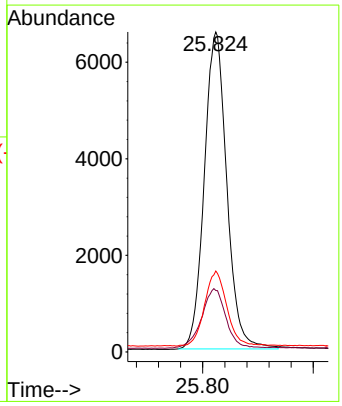


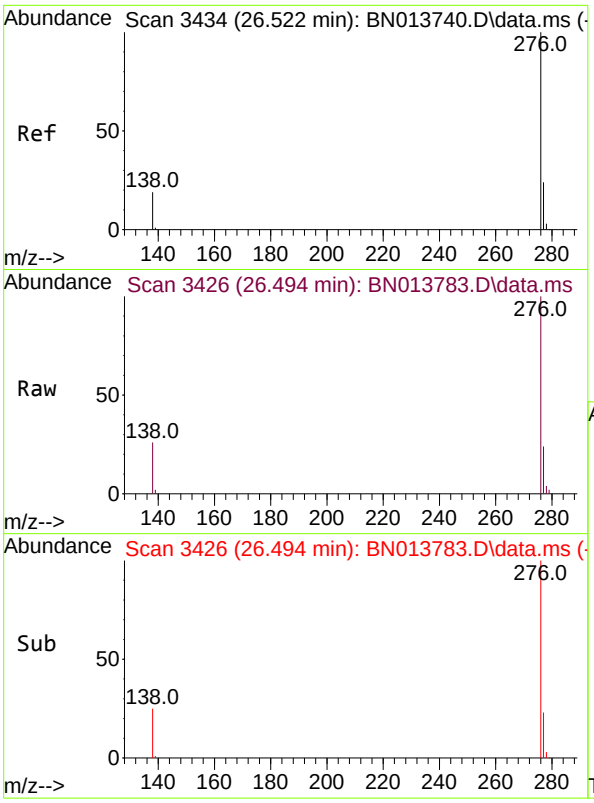


#40
Dibenzo(a,h)anthracene
Concen: 0.41 ng
RT: 25.823 min Scan# 3230
Delta R.T. -0.015 min
Lab File: BN013783.D
Acq: 26 Feb 2021 14:58

Tgt Ion:278 Resp: 18588

Ion	Ratio	Lower	Upper
278	100		
139	19.2	13.1	19.7
279	25.3	21.4	32.0

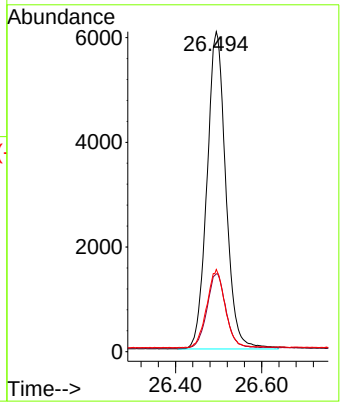




#41
Benzo(g,h,i)perylene
Concen: 0.40 ng
RT: 26.494 min Scan# 3426
Delta R.T. -0.015 min
Lab File: BN013783.D
Acq: 26 Feb 2021 14:58

Tgt Ion:276 Resp: 18414

Ion	Ratio	Lower	Upper
276	100		
277	24.3	20.0	30.0
138	25.7	17.8	26.8



Instrument :
BNA_N
ClientSampleId :
PB134842BSD