Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100421\
Data File : BN016770.D
Acq On : 06 Oct 2021 08:42
Operator : CG/JU
Sample : M3892-15 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Oct 06 10:30:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 04 17:52:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.642	152	26783	0.400	ng		0.00
7) Naphthalene-d8	10.406	136	124152	0.400	ng		# 0.00
13) Acenaphthene-d10	14.268	164	71791	0.400	ng		0.00
19) Phenanthrene-d10	17.029	188	141214	0.400	ng		0.00
29) Chrysene-d12	21.270	240	97594	0.400	ng		# 0.03
35) Perylene-d12	23.518	264	160749	0.400	ng		# 0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.263	112	2222	0.033	ng		0.00
5) Phenol-d6	6.821	99	2293	0.030	ng		0.00
8) Nitrobenzene-d5	8.784	82	2582	0.030	ng		0.00
11) 2-Methylnaphthalene-d10	12.002	152	5922	0.032	ng		0.00
14) 2,4,6-Tribromophenol	15.765	330	1202	0.146	ng		-0.01
15) 2-Fluorobiphenyl	12.885	172	7434	0.026	ng		-0.01
27) Fluoranthene-d10	19.023	212	6860	0.018	ng		-0.04
31) Terphenyl-d14	19.718	244	10886	0.050	ng		0.03
Target Compounds							Qvalue
9) Naphthalene	10.457	128	44054	0.130	ng		99
12) 2-Methylnaphthalene	12.074	142	88128	0.408	ng		99
16) Acenaphthylene	13.989	152	30441	0.096	ng	#	88
17) Acenaphthene	14.332	154	965025	4.608	ng		99
18) Fluorene	15.321	166	1168076	4.624	ng		98
20) 4,6-Dinitro-2-methylph...	15.474	198	93	0.274	ng	#	1
24) Pentachlorophenol	16.689	266	161	0.342	ng	#	74
25) Phenanthrene	17.078	178	13387577	32.250	ng		96
26) Anthracene	17.163	178	6146623	16.579	ng	#	96
32) Benzo(a)anthracene	21.248	228	21120196	69.772	ng	#	89
33) Chrysene	21.312	228	17945541	58.443	ng	#	88
34) Bis(2-ethylhexyl)phtha...	21.174	149	63926	0.348	ng	#	75
36) Indeno(1,2,3-cd)pyrene	25.815	276	5547769	10.871	ng		97
37) Benzo(b)fluoranthene	22.865	252	22312653	42.925	ng		95
38) Benzo(k)fluoranthene	22.865	252	3833088	7.674	ng		96
39) Benzo(a)pyrene	23.443	252	14491393	31.159	ng		96
40) Dibenzo(a,h)anthracene	25.822	278	1856778	4.586	ng		95
41) Benzo(g,h,i)perylene	26.513	276	4209284	9.291	ng		99

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

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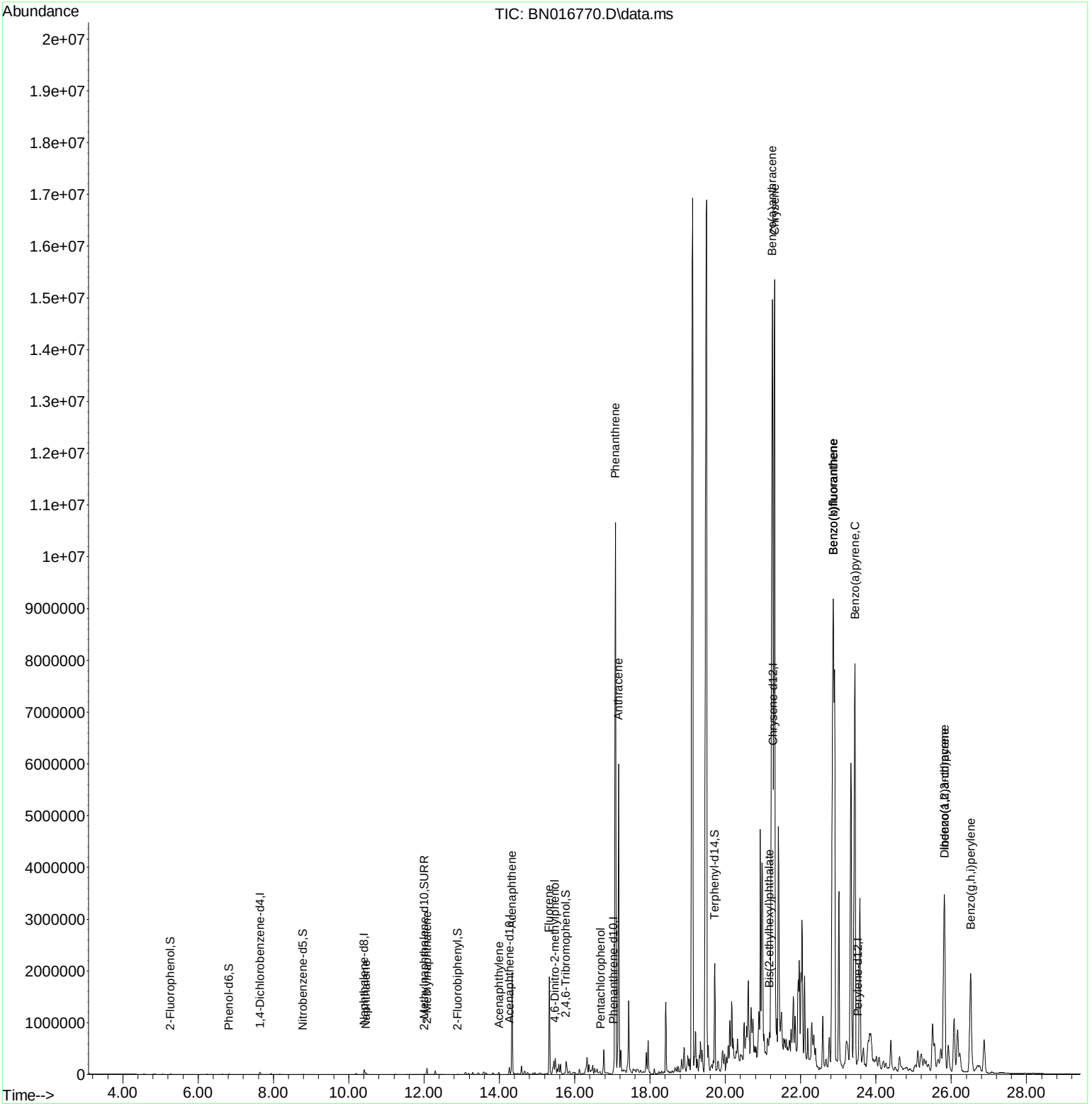
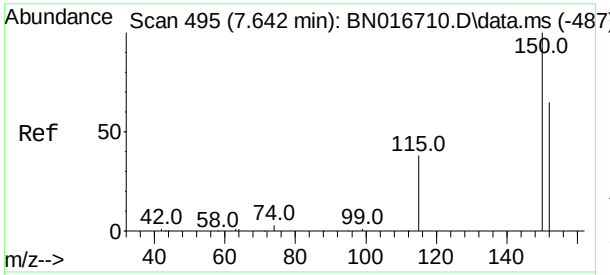


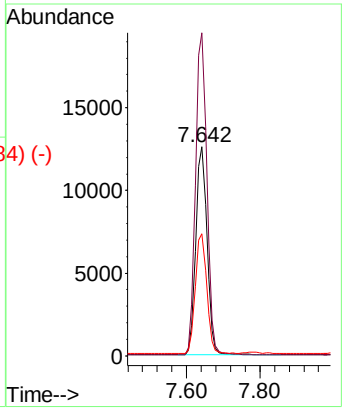
Instrument :
BNA_N
ClientSampleId :

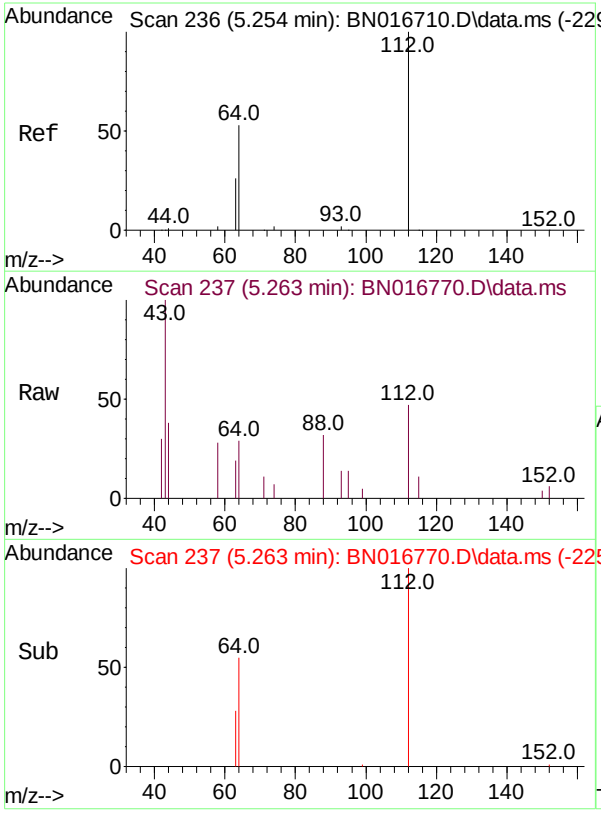


#(1)
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.642 min Scan# 495
Delta R.T. 0.000 min
Lab File: BN016770.D
Acq: 06 Oct 2021 08:42

Tgt Ion:152 Resp: 26783

Ion	Ratio	Lower	Upper
152	100		
150	154.3	123.3	184.9
115	58.2	47.0	70.6

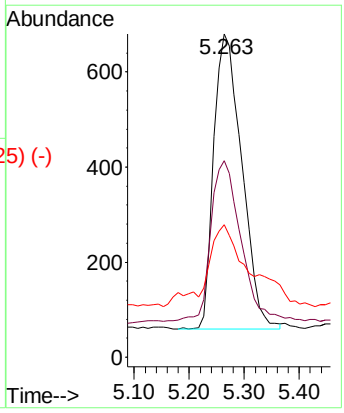




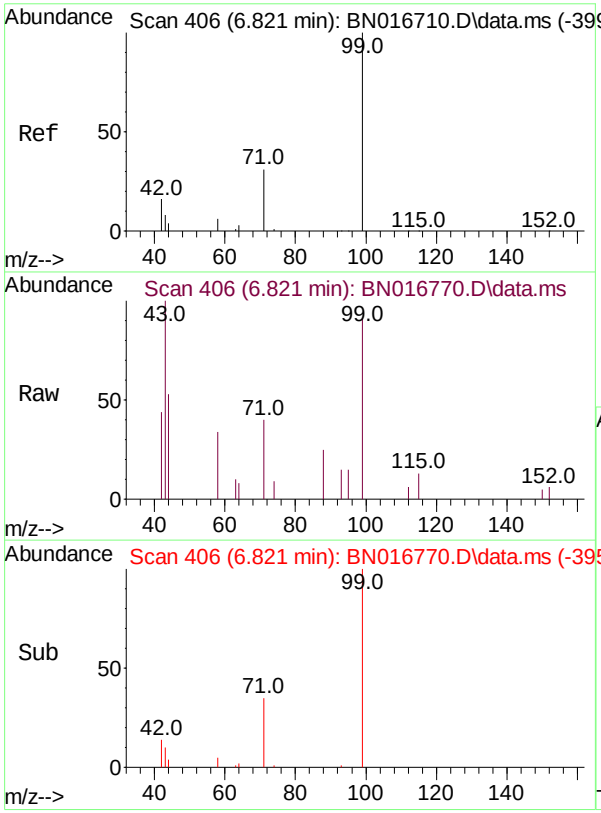
#(4)
2-Fluorophenol
Concen: 0.033 ng
RT: 5.263 min Scan# 237
Delta R.T. 0.009 min
Lab File: BN016770.D
Acq: 06 Oct 2021 08:42

Tgt Ion:112 Resp: 2222

Ion	Ratio	Lower	Upper
112	100		
64	56.5	42.9	64.3
63	29.5	21.5	32.3



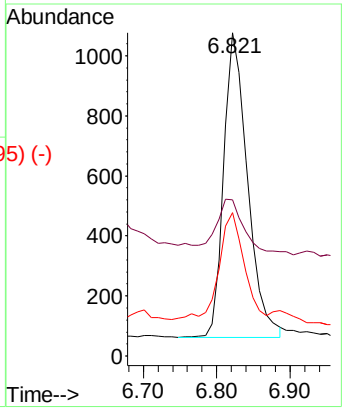
Instrument :
BNA_N
ClientSampleId :

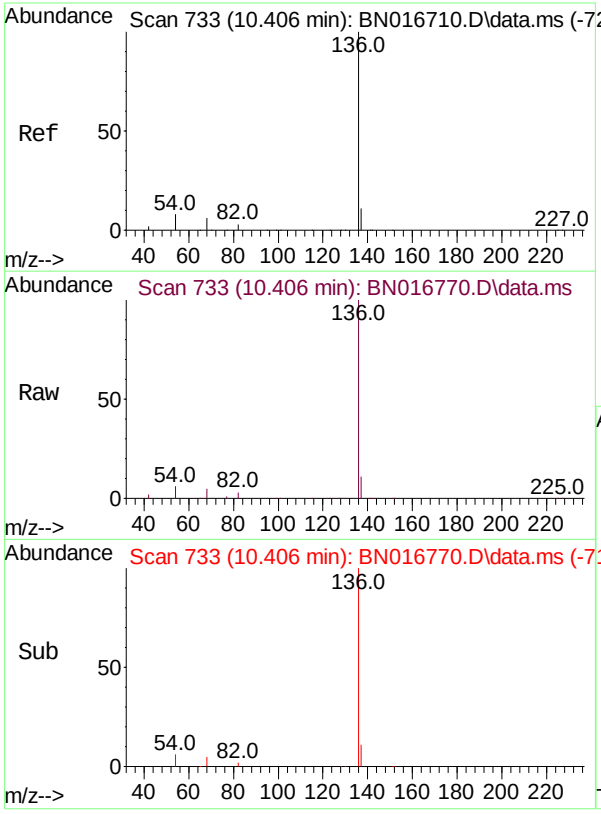


#5
Phenol-d6
Concen: 0.030 ng
RT: 6.821 min Scan# 406
Delta R.T. 0.000 min
Lab File: BN016770.D
Acq: 06 Oct 2021 08:42

Tgt Ion: 99 Resp: 2293

Ion	Ratio	Lower	Upper
99	100		
42	18.7	13.4	20.2
71	36.3	24.0	36.0#

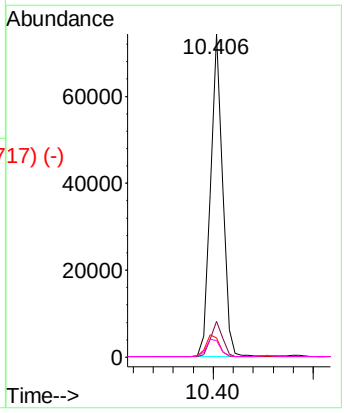


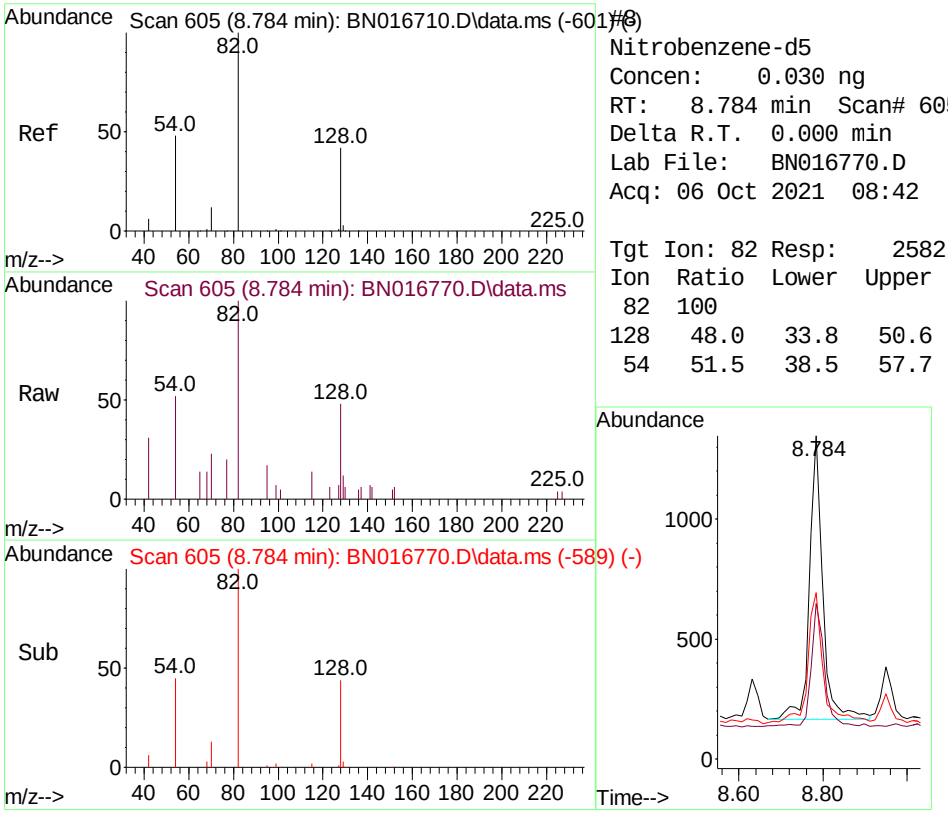


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.406 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016770.D
Acq: 06 Oct 2021 08:42

Tgt Ion:136 Resp: 124152

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.0	6.5	9.7#
68	5.2	5.3	7.9#



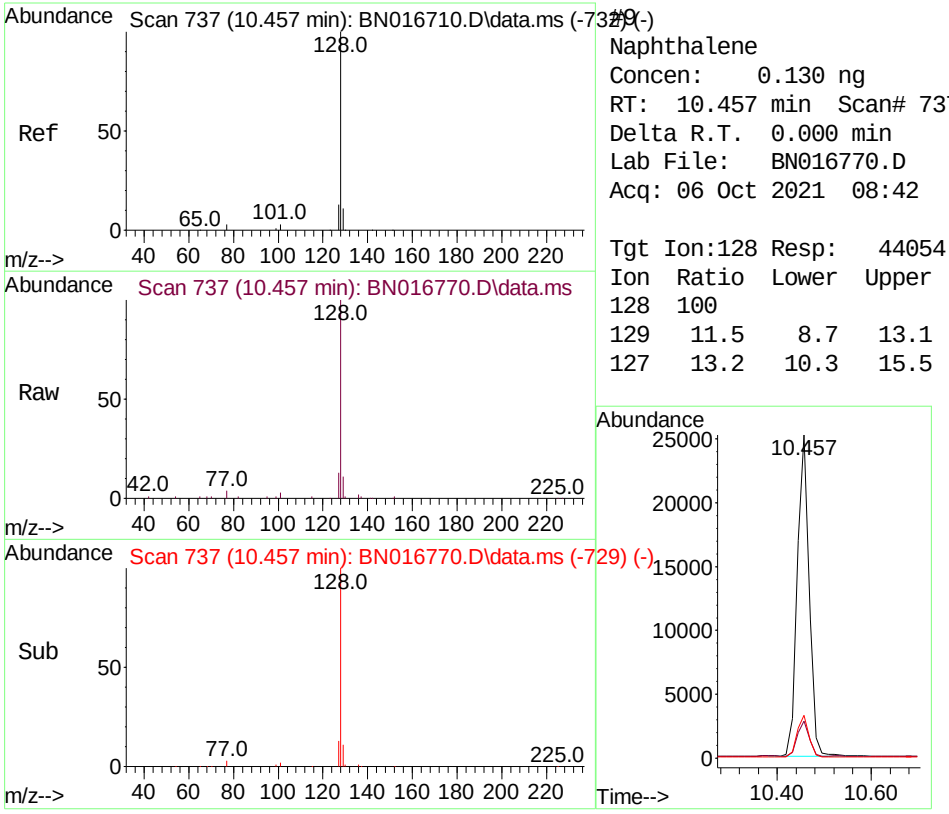


#8
Nitrobenzene-d5
Concen: 0.030 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016770.D
Acq: 06 Oct 2021 08:42

Tgt Ion: 82 Resp: 2582

Ion	Ratio	Lower	Upper
82	100		
128	48.0	33.8	50.6
54	51.5	38.5	57.7

Instrument :
BNA_N
ClientSampleId :

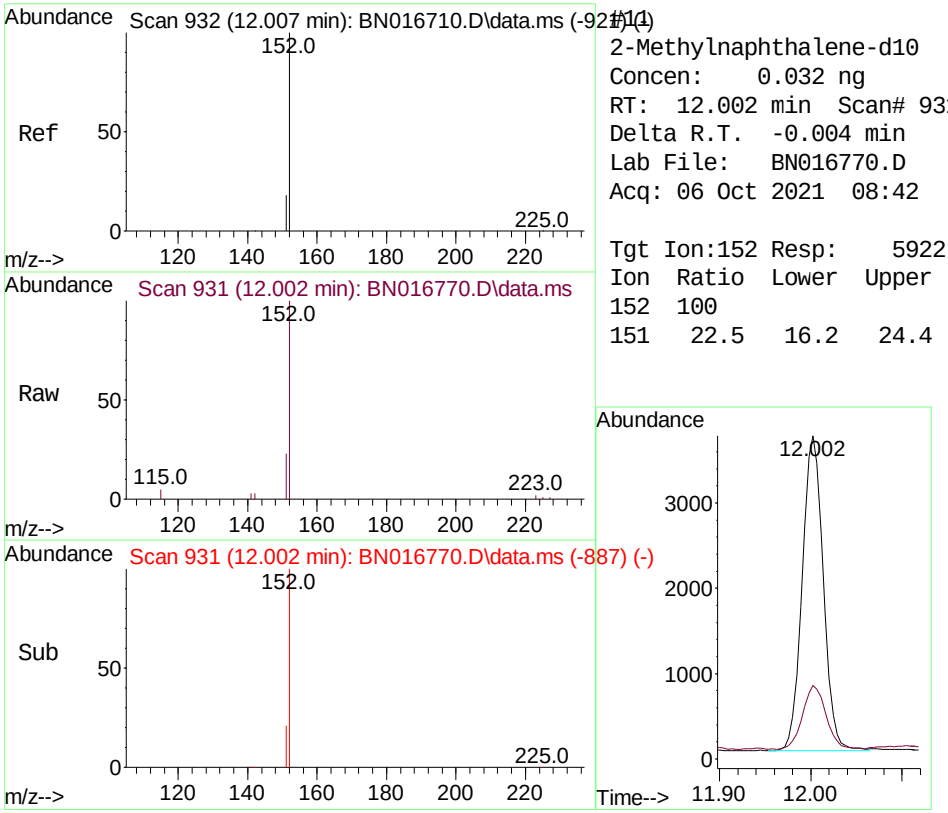


#9
Naphthalene
Concen: 0.130 ng
RT: 10.457 min Scan# 737
Delta R.T. 0.000 min
Lab File: BN016770.D
Acq: 06 Oct 2021 08:42

Tgt Ion:128 Resp: 44054

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.7	13.1
127	13.2	10.3	15.5

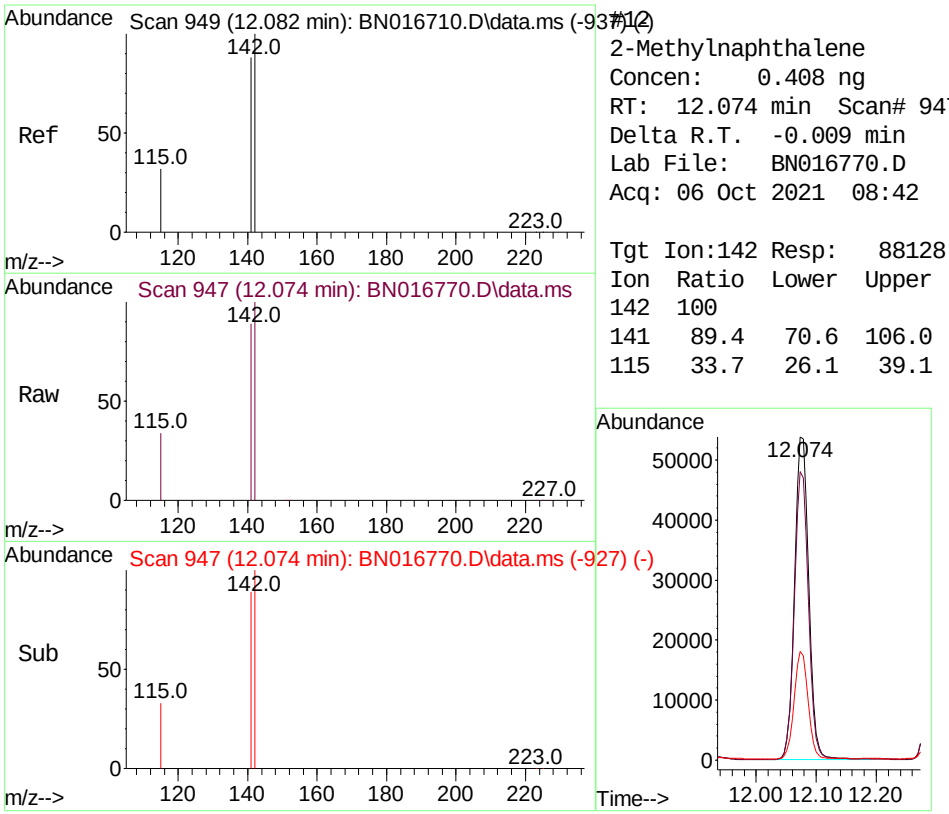
Instrument :
BNA_N
ClientSampleId :



#11
2-Methylnaphthalene-d10
Concen: 0.032 ng
RT: 12.002 min Scan# 931
Delta R.T. -0.004 min
Lab File: BN016770.D
Acq: 06 Oct 2021 08:42

Tgt Ion:152 Resp: 5922

Ion	Ratio	Lower	Upper
152	100		
151	22.5	16.2	24.4

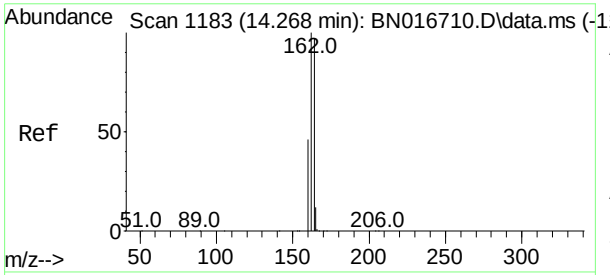


#12
2-Methylnaphthalene
Concen: 0.408 ng
RT: 12.074 min Scan# 947
Delta R.T. -0.009 min
Lab File: BN016770.D
Acq: 06 Oct 2021 08:42

Tgt Ion:142 Resp: 88128

Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.6	106.0
115	33.7	26.1	39.1

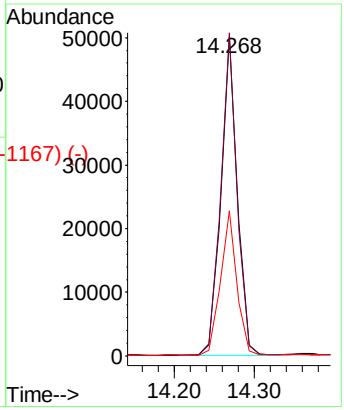
Instrument :
BNA_N
ClientSampleId :

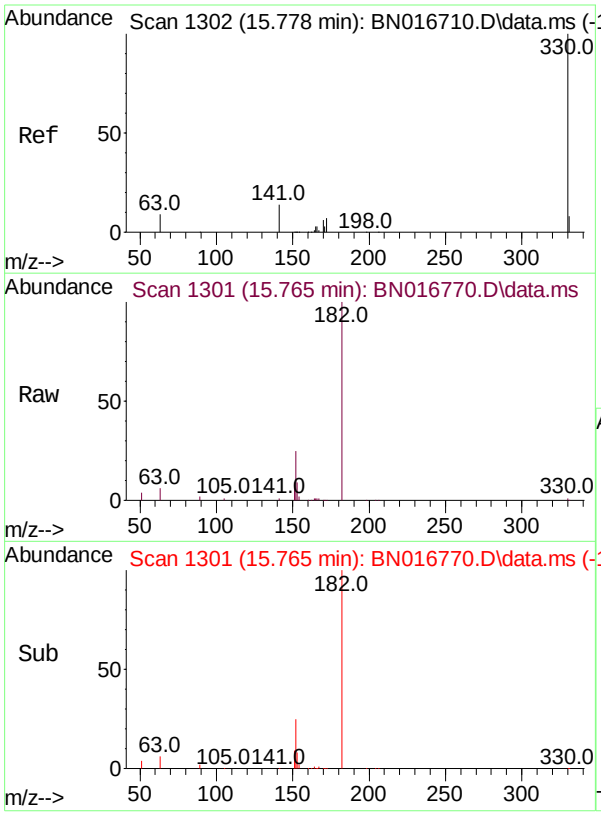


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.268 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BN016770.D
Acq: 06 Oct 2021 08:42

Tgt Ion:164 Resp: 71791

Ion	Ratio	Lower	Upper
164	100		
162	101.1	82.6	124.0
160	45.4	38.2	57.2

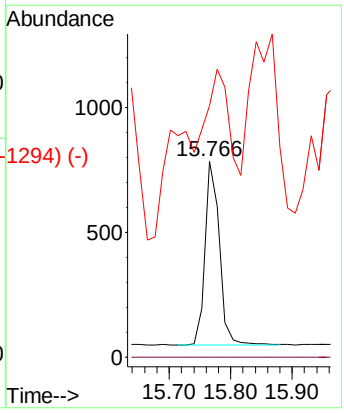




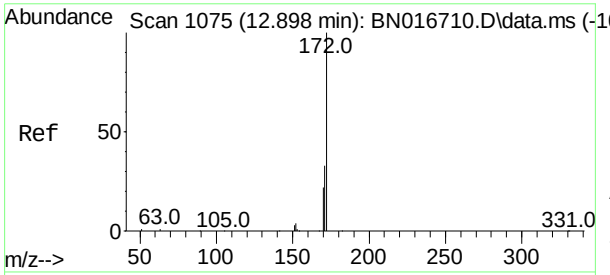
#14
2,4,6-Tribromophenol
Concen: 0.146 ng
RT: 15.765 min Scan# 1301
Delta R.T. -0.013 min
Lab File: BN016770.D
Acq: 06 Oct 2021 08:42

Tgt Ion:330 Resp: 1202

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	83.1	24.2	36.2#



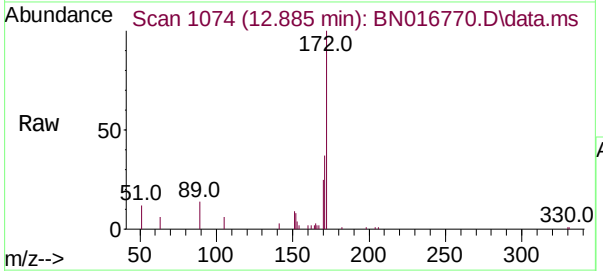
Instrument :
BNA_N
ClientSampleId :

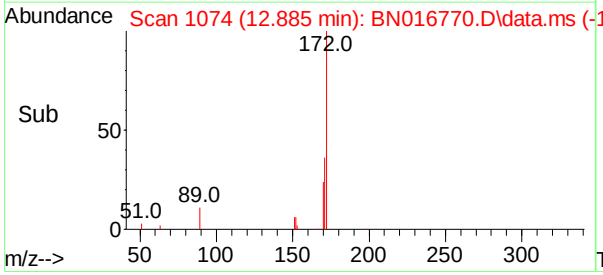


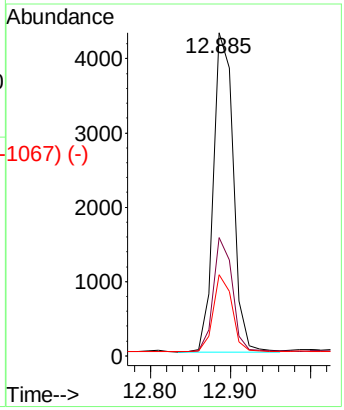
#15
2-Fluorobiphenyl
Concen: 0.026 ng
RT: 12.885 min Scan# 1074
Delta R.T. -0.013 min
Lab File: BN016770.D
Acq: 06 Oct 2021 08:42

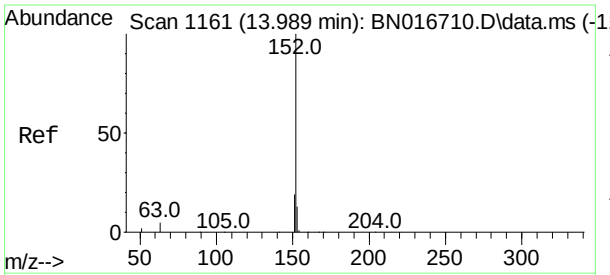
Tgt Ion:172 Resp: 7434

Ion	Ratio	Lower	Upper
172	100		
171	36.6	26.9	40.3
170	25.1	17.4	26.0





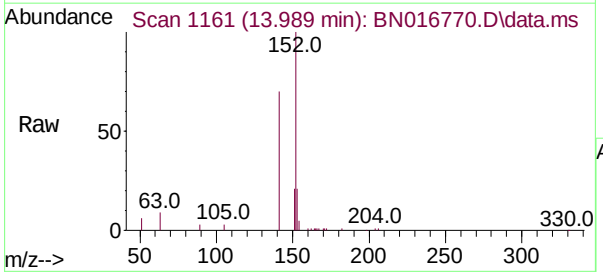


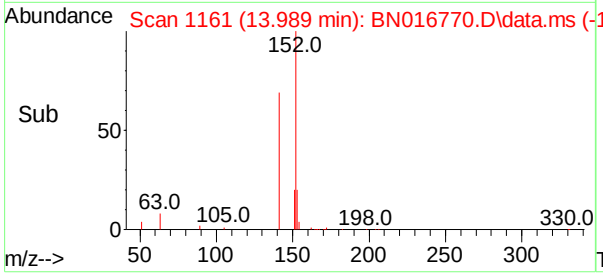


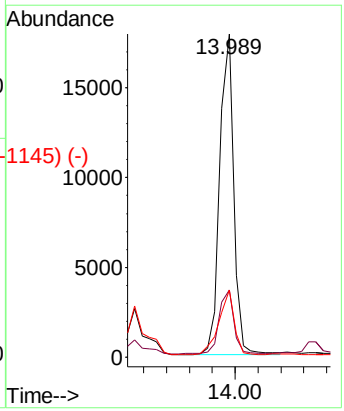
#16
Acenaphthylene
Concen: 0.096 ng
RT: 13.989 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BN016770.D
Acq: 06 Oct 2021 08:42

Tgt Ion:152 Resp: 30441

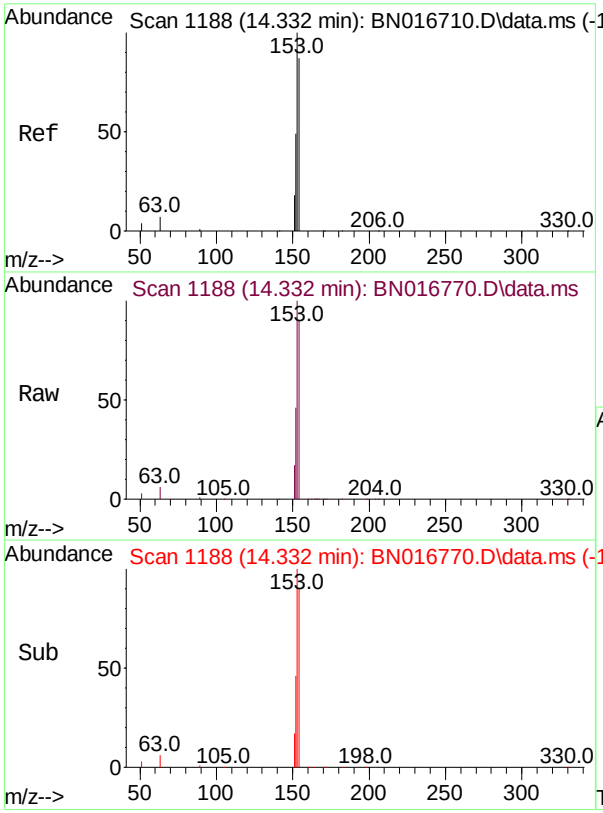
Ion	Ratio	Lower	Upper
152	100		
151	21.3	15.5	23.3
153	22.3	10.4	15.6#







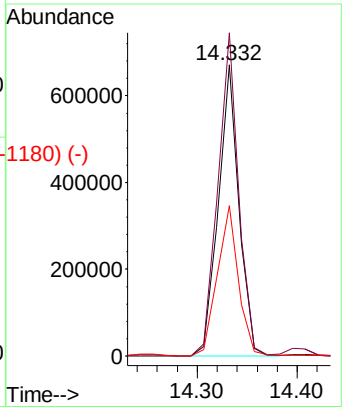
Instrument :
BNA_N
ClientSampleId :

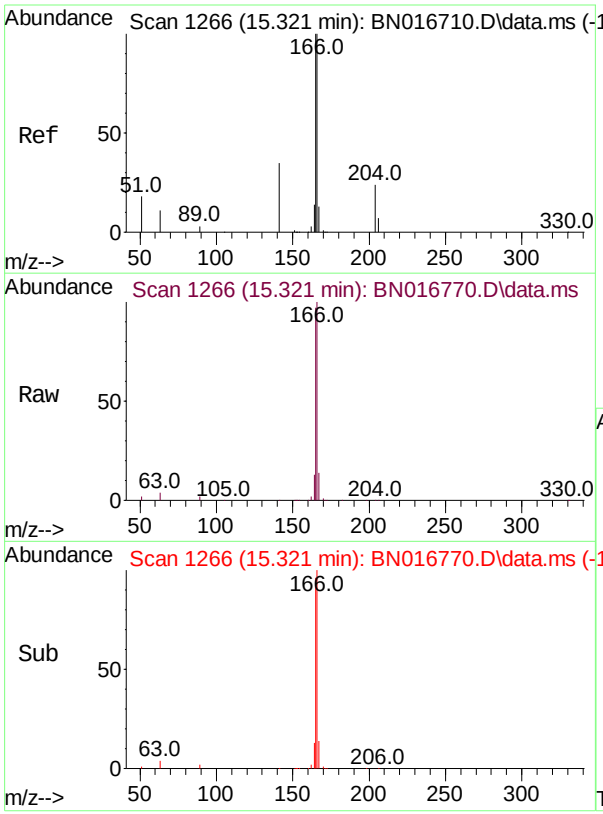


#17
Acenaphthene
Concen: 4.608 ng
RT: 14.332 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BN016770.D
Acq: 06 Oct 2021 08:42

Tgt Ion:154 Resp: 965025

Ion	Ratio	Lower	Upper
154	100		
153	111.6	90.1	135.1
152	53.1	43.6	65.4

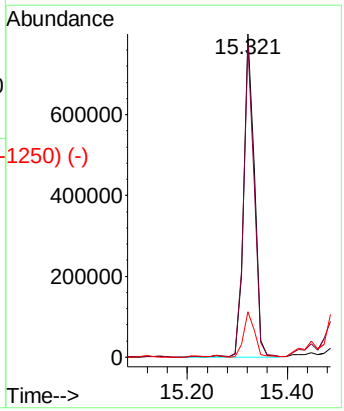




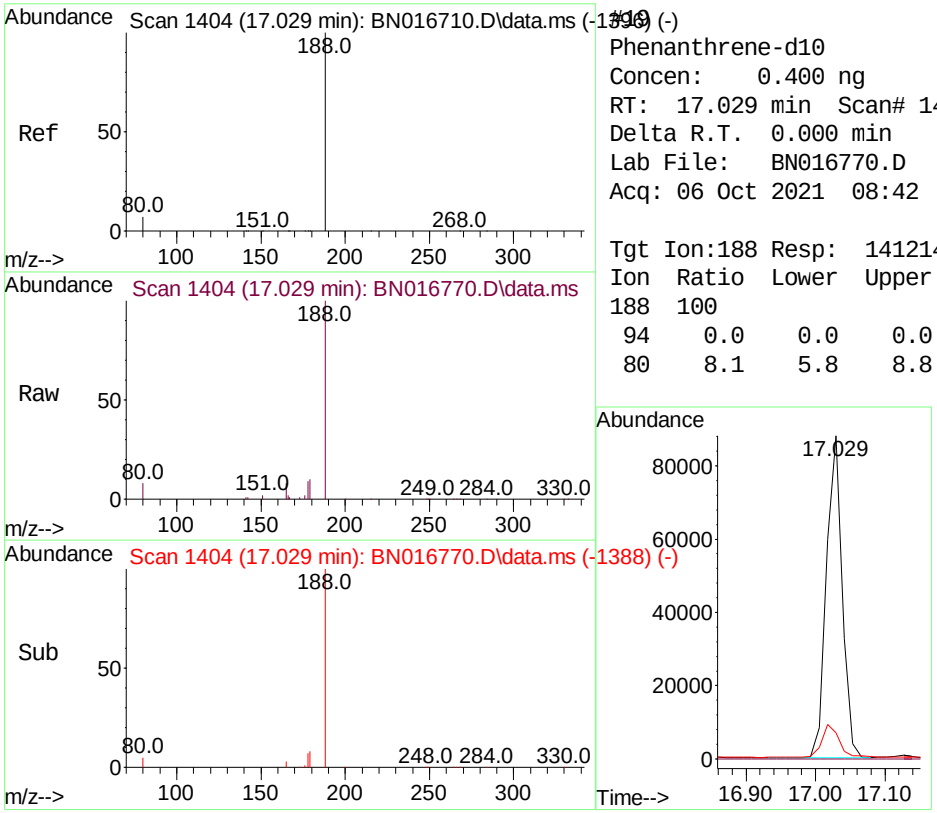
#18
Fluorene
Concen: 4.624 ng
RT: 15.321 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BN016770.D
Acq: 06 Oct 2021 08:42

Tgt Ion:166 Resp: 1168076

Ion	Ratio	Lower	Upper
166	100		
165	95.4	78.1	117.1
167	14.6	10.7	16.1



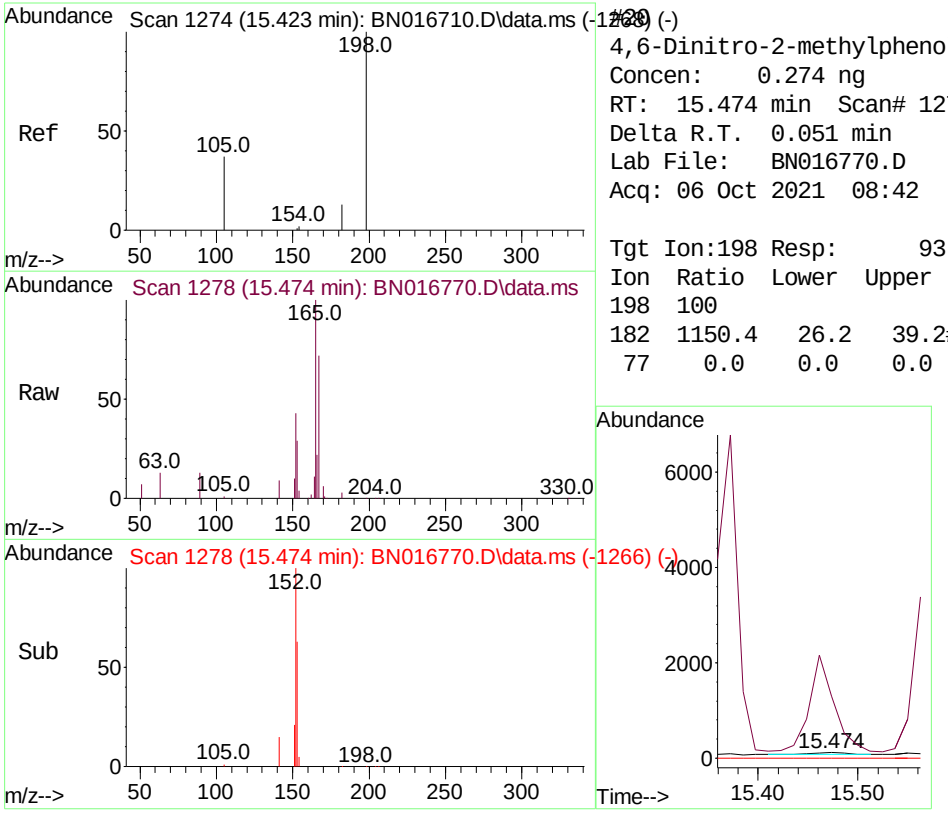
Instrument :
BNA_N
ClientSampleId :



#10
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.029 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BN016770.D
Acq: 06 Oct 2021 08:42

Tgt Ion:188 Resp: 141214

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.1	5.8	8.8

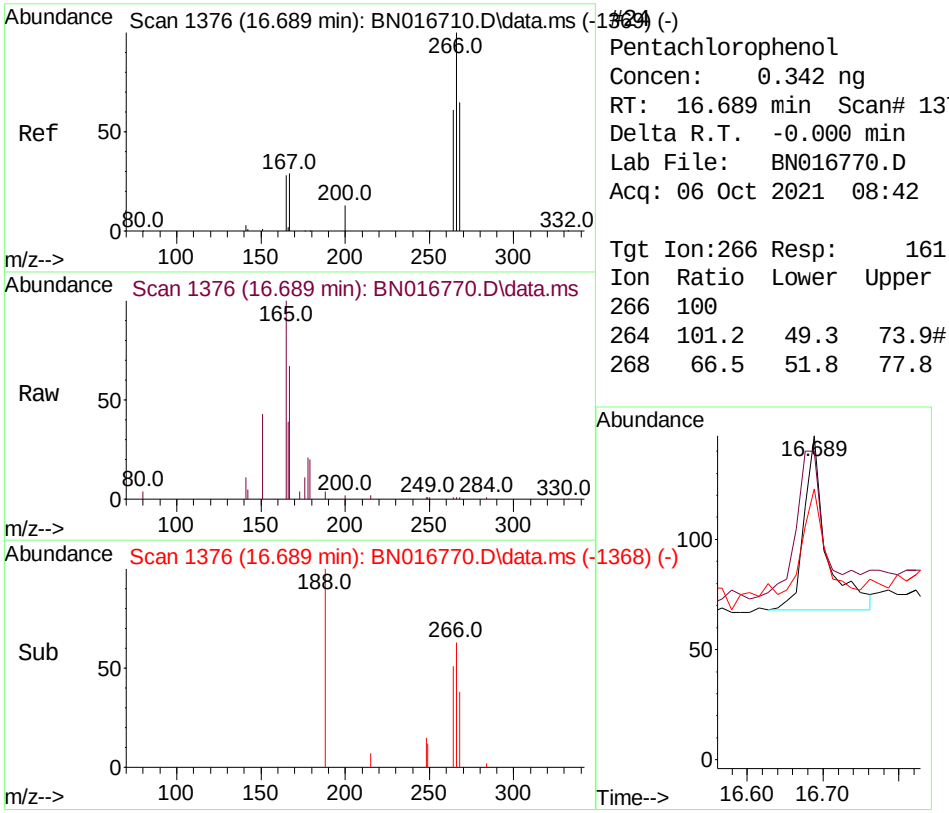


#20
4,6-Dinitro-2-methylphenol
Concen: 0.274 ng
RT: 15.474 min Scan# 1278
Delta R.T. 0.051 min
Lab File: BN016770.D
Acq: 06 Oct 2021 08:42

Tgt Ion:198 Resp: 93

Ion	Ratio	Lower	Upper
198	100		
182	1150.4	26.2	39.2#
77	0.0	0.0	0.0

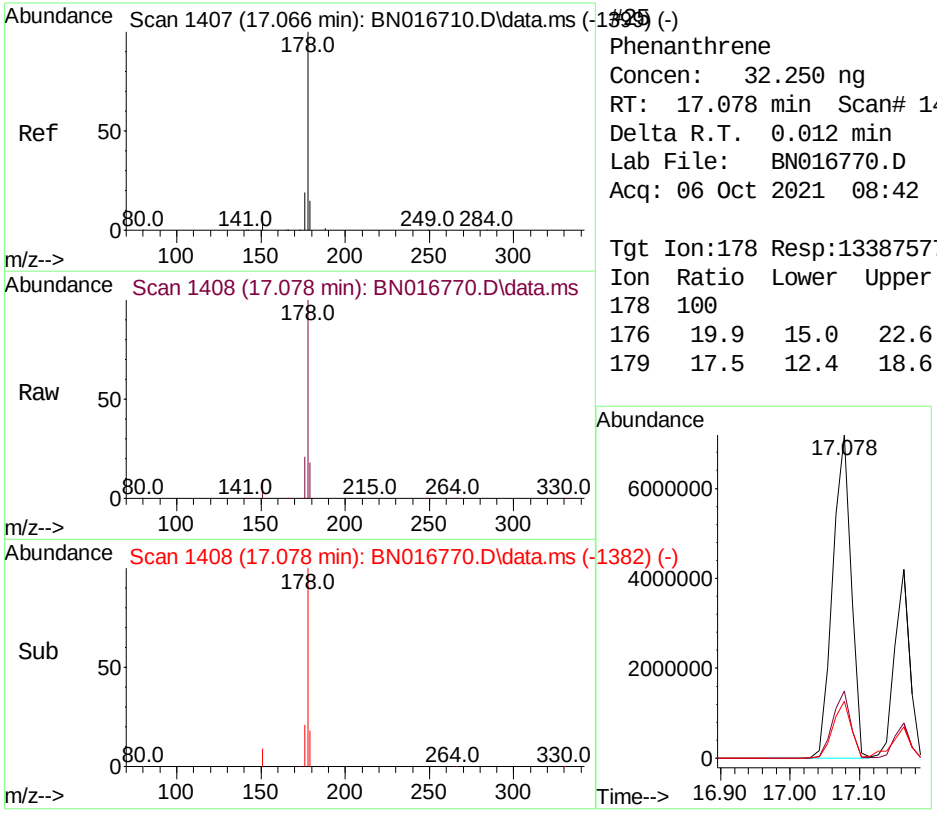
Instrument :
BNA_N
ClientSampleId :



#24
Pentachlorophenol
Concen: 0.342 ng
RT: 16.689 min Scan# 1376
Delta R.T. -0.000 min
Lab File: BN016770.D
Acq: 06 Oct 2021 08:42

Tgt Ion:266 Resp: 161

Ion	Ratio	Lower	Upper
266	100		
264	101.2	49.3	73.9#
268	66.5	51.8	77.8

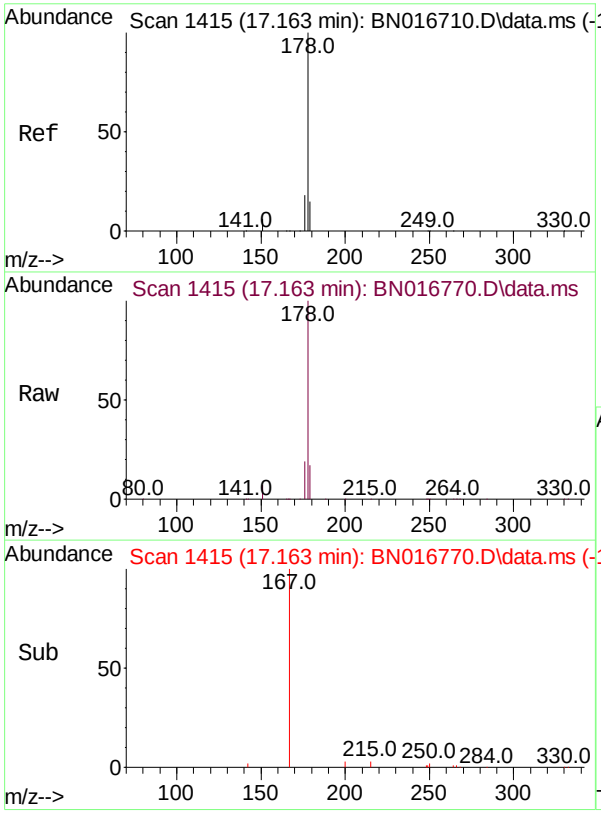


#25
Phenanthrene
Concen: 32.250 ng
RT: 17.078 min Scan# 1408
Delta R.T. 0.012 min
Lab File: BN016770.D
Acq: 06 Oct 2021 08:42

Tgt Ion:178 Resp:13387577

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.0	22.6
179	17.5	12.4	18.6

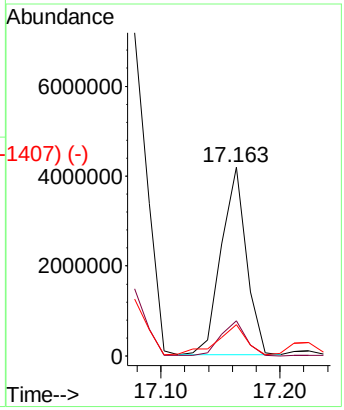
Instrument :
BNA_N
ClientSampleId :

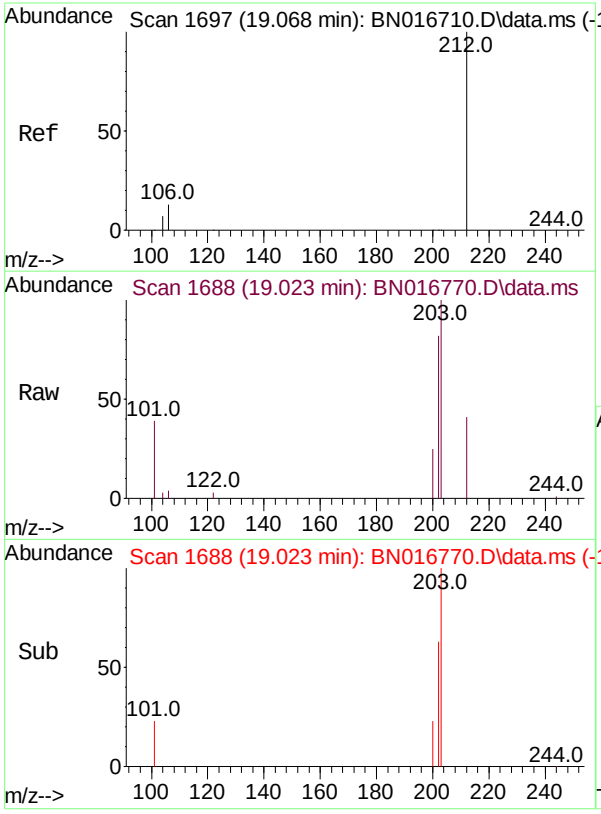


#28
Anthracene
Concen: 16.579 ng
RT: 17.163 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BN016770.D
Acq: 06 Oct 2021 08:42

Tgt Ion:178 Resp: 6146623

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.5	21.7
179	18.5	12.2	18.4#

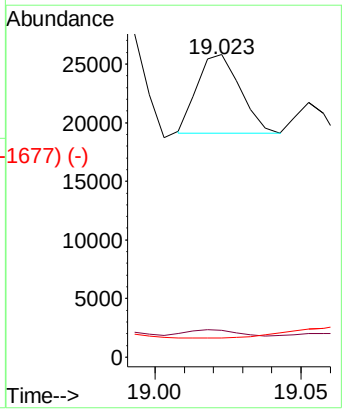




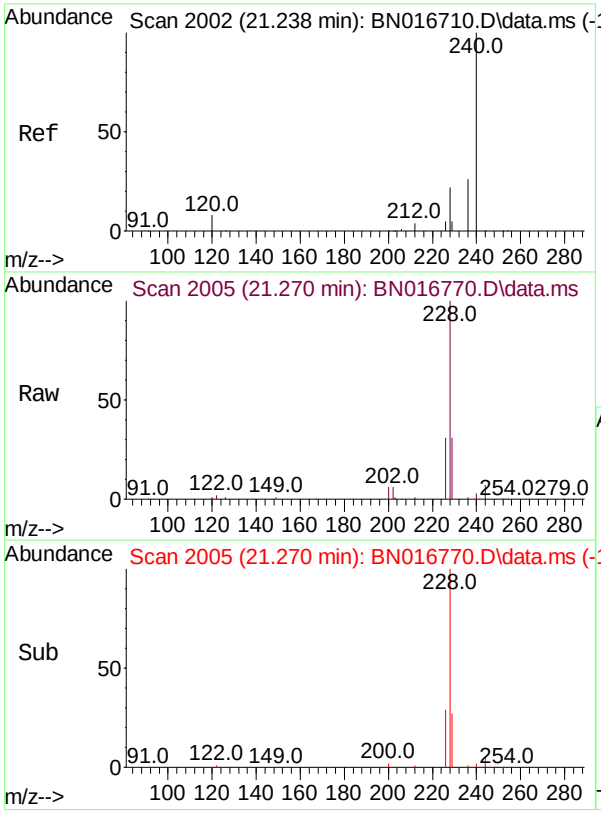
#27
Fluoranthene-d10
Concen: 0.018 ng
RT: 19.023 min Scan# 1688
Delta R.T. -0.045 min
Lab File: BN016770.D
Acq: 06 Oct 2021 08:42

Tgt Ion:212 Resp: 6860

Ion	Ratio	Lower	Upper
212	100		
106	8.6	10.6	16.0#
104	0.0	5.8	8.8#



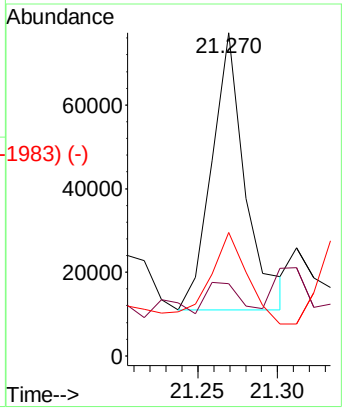
Instrument :
BNA_N
ClientSampleId :

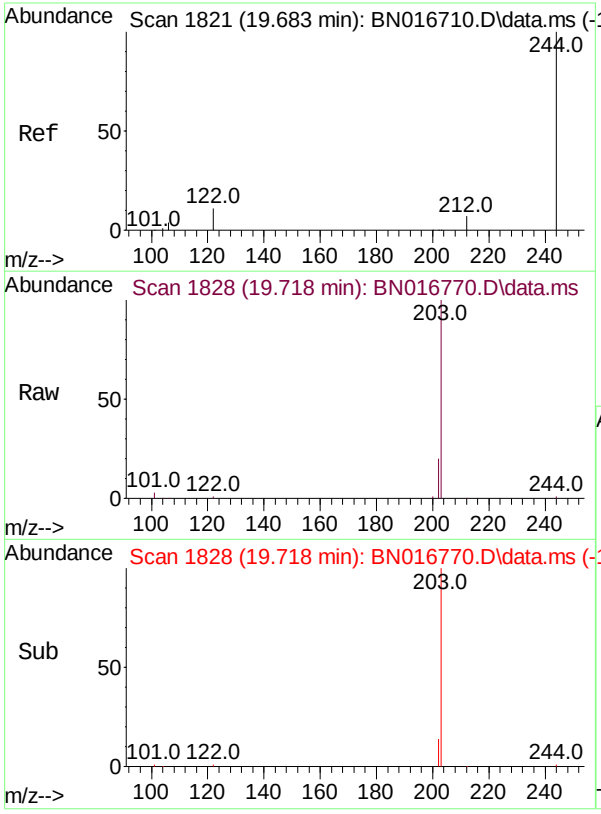


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.270 min Scan# 2005
Delta R.T. 0.032 min
Lab File: BN016770.D
Acq: 06 Oct 2021 08:42

Tgt Ion:240 Resp: 97594

Ion	Ratio	Lower	Upper
240	100		
120	22.3	6.6	10.0#
236	38.2	20.7	31.1#

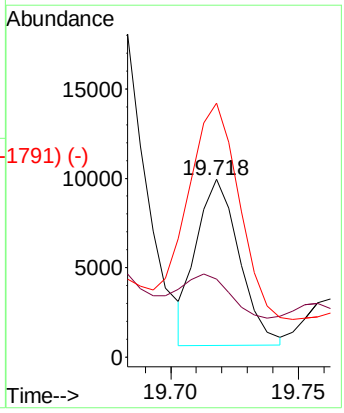




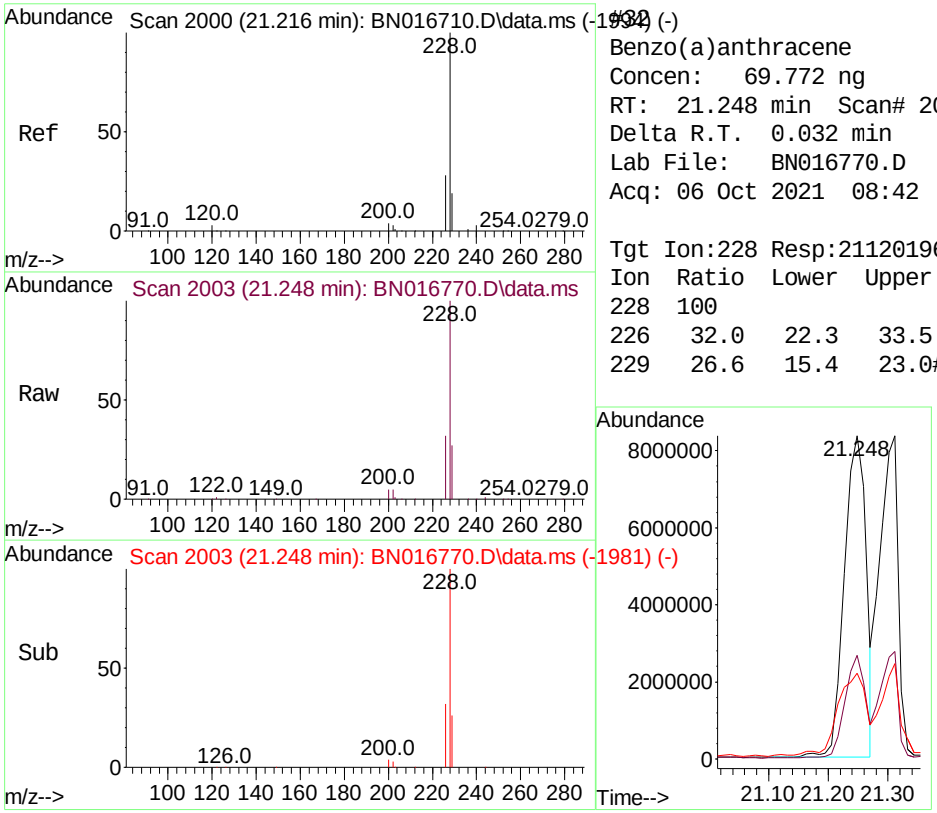
#31
Terphenyl-d14
Concen: 0.050 ng
RT: 19.718 min Scan# 1828
Delta R.T. 0.035 min
Lab File: BN016770.D
Acq: 06 Oct 2021 08:42

Tgt Ion:244 Resp: 10886

Ion	Ratio	Lower	Upper
244	100		
212	43.9	5.8	8.6#
122	143.0	8.9	13.3#



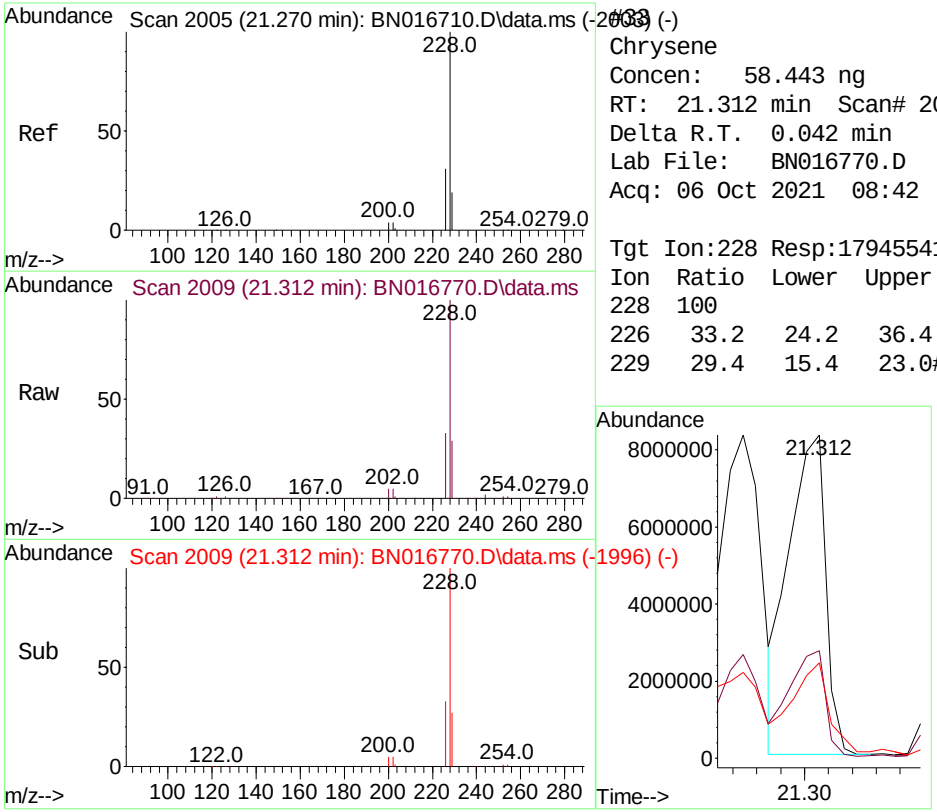
Instrument :
BNA_N
ClientSampleId :



#32
Benzo(a)anthracene
Concen: 69.772 ng
RT: 21.248 min Scan# 2003
Delta R.T. 0.032 min
Lab File: BN016770.D
Acq: 06 Oct 2021 08:42

Tgt Ion:228 Resp:21120196

Ion	Ratio	Lower	Upper
228	100		
226	32.0	22.3	33.5
229	26.6	15.4	23.0#

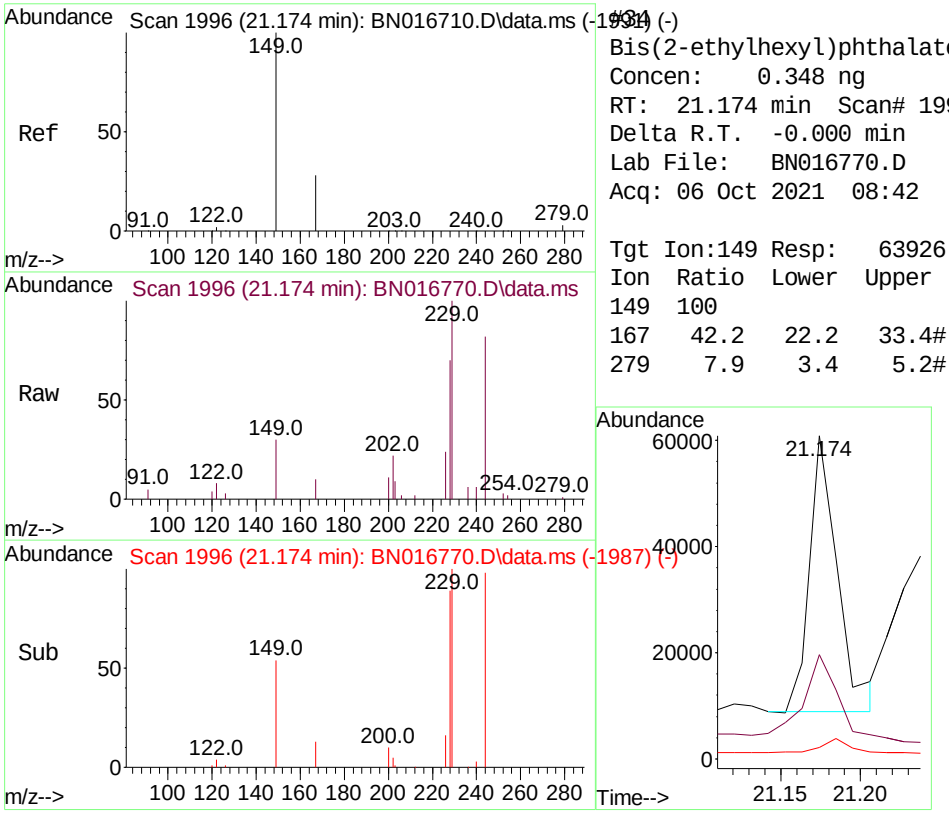


#33
Chrysene
Concen: 58.443 ng
RT: 21.312 min Scan# 2009
Delta R.T. 0.042 min
Lab File: BN016770.D
Acq: 06 Oct 2021 08:42

Tgt Ion:228 Resp:17945541

Ion	Ratio	Lower	Upper
228	100		
226	33.2	24.2	36.4
229	29.4	15.4	23.0#

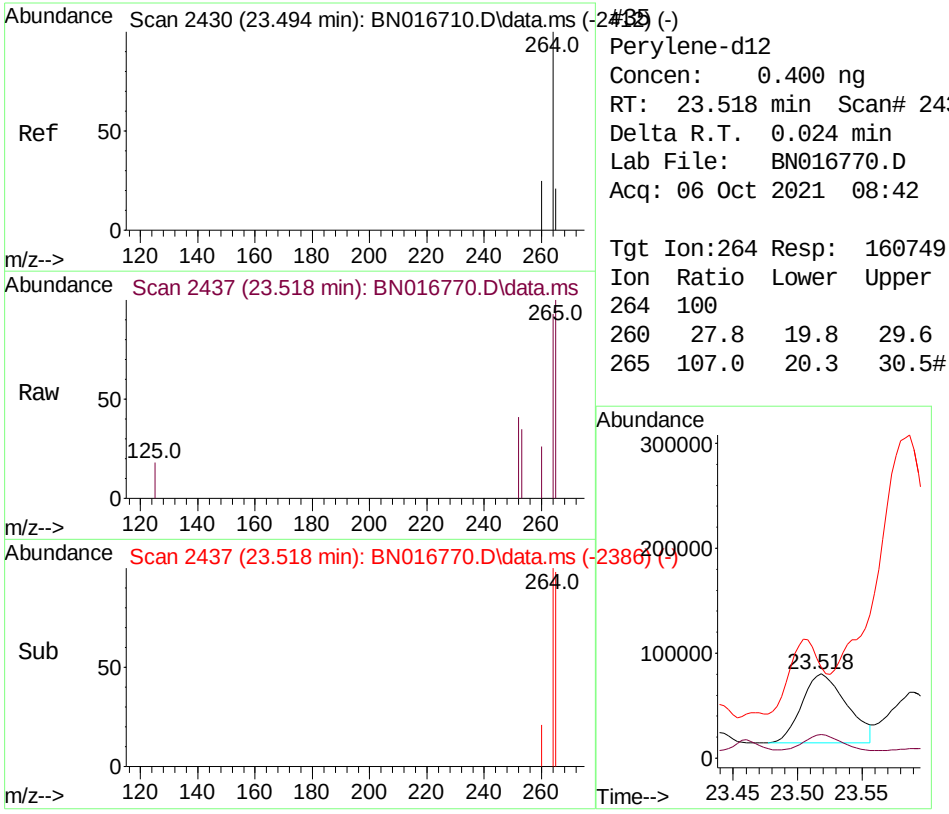
Instrument :
BNA_N
ClientSampleId :



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.348 ng
RT: 21.174 min Scan# 1996
Delta R.T. -0.000 min
Lab File: BN016770.D
Acq: 06 Oct 2021 08:42

Tgt Ion:149 Resp: 63926

Ion	Ratio	Lower	Upper
149	100		
167	42.2	22.2	33.4#
279	7.9	3.4	5.2#

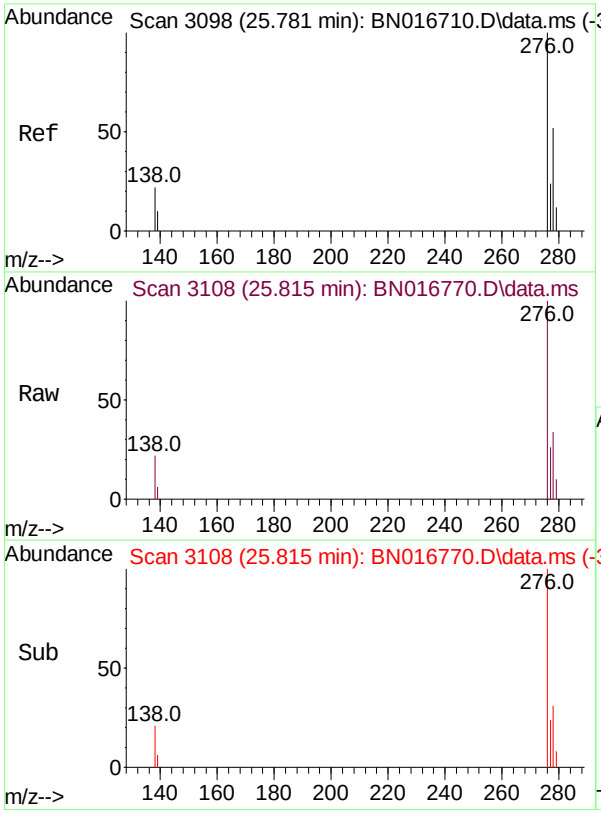


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.518 min Scan# 2437
Delta R.T. 0.024 min
Lab File: BN016770.D
Acq: 06 Oct 2021 08:42

Tgt Ion:264 Resp: 160749

Ion	Ratio	Lower	Upper
264	100		
260	27.8	19.8	29.6
265	107.0	20.3	30.5#

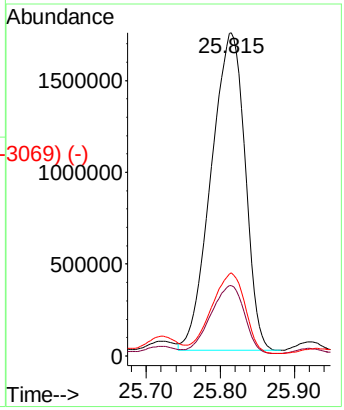
Instrument :
BNA_N
ClientSampleId :

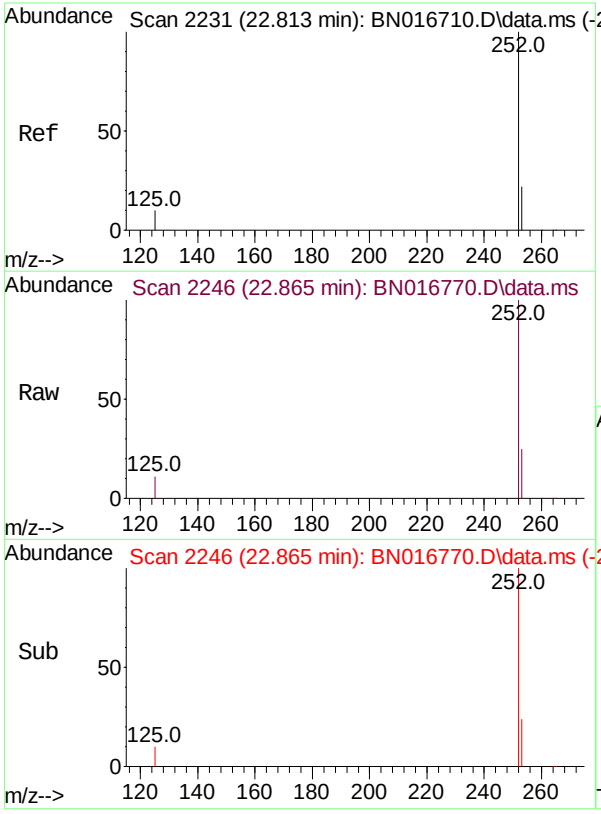


#36
Indeno(1,2,3-cd)pyrene
Concen: 10.871 ng
RT: 25.815 min Scan# 3108
Delta R.T. 0.034 min
Lab File: BN016770.D
Acq: 06 Oct 2021 08:42

Tgt Ion:276 Resp: 5547769

Ion	Ratio	Lower	Upper
276	100		
138	21.5	19.2	28.8
277	25.3	20.0	30.0

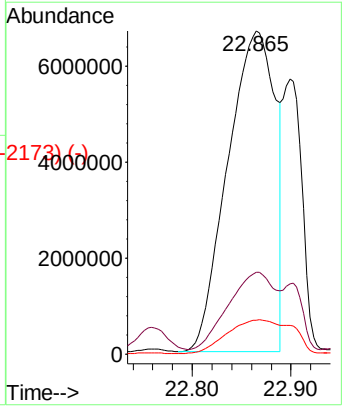




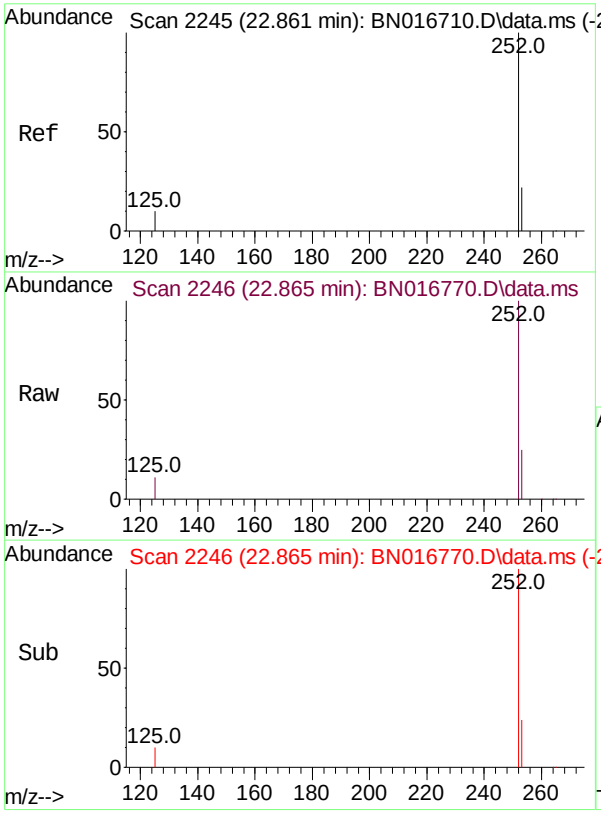
#37
Benzo(b)fluoranthene
Concen: 42.925 ng
RT: 22.865 min Scan# 2246
Delta R.T. 0.051 min
Lab File: BN016770.D
Acq: 06 Oct 2021 08:42

Tgt Ion:252 Resp:22312653

Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.8	26.8
125	10.6	8.3	12.5



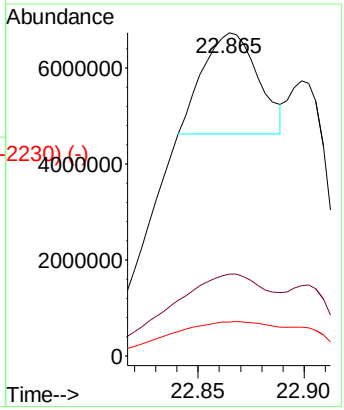
Instrument :
BNA_N
ClientSampleId :

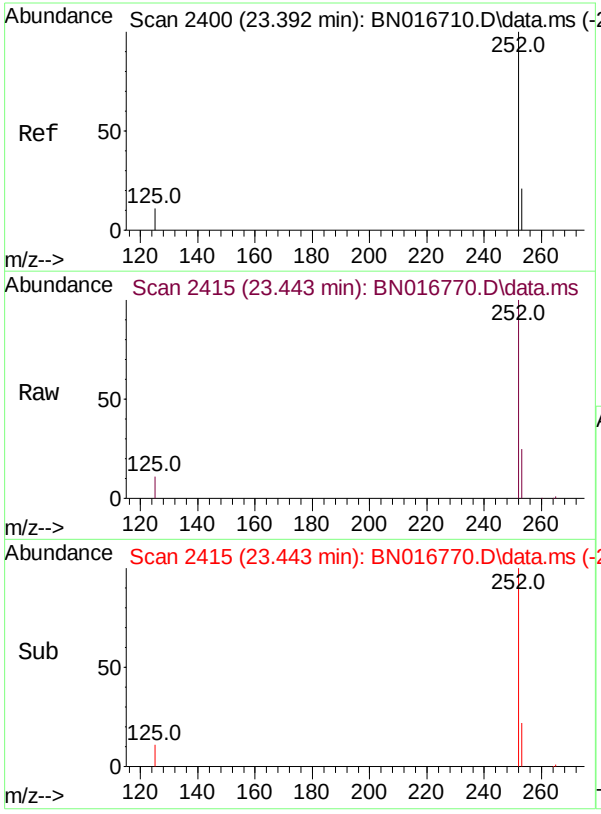


#38
Benzo(k)fluoranthene
Concen: 7.674 ng
RT: 22.865 min Scan# 2246
Delta R.T. 0.003 min
Lab File: BN016770.D
Acq: 06 Oct 2021 08:42

Tgt Ion:252 Resp: 3833088

Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.8	26.8
125	10.6	8.5	12.7

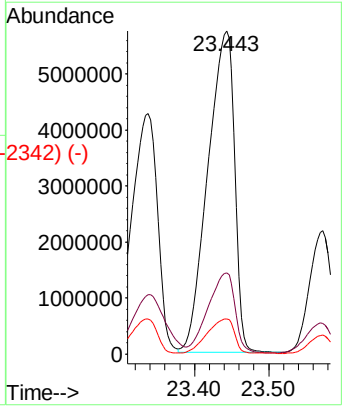




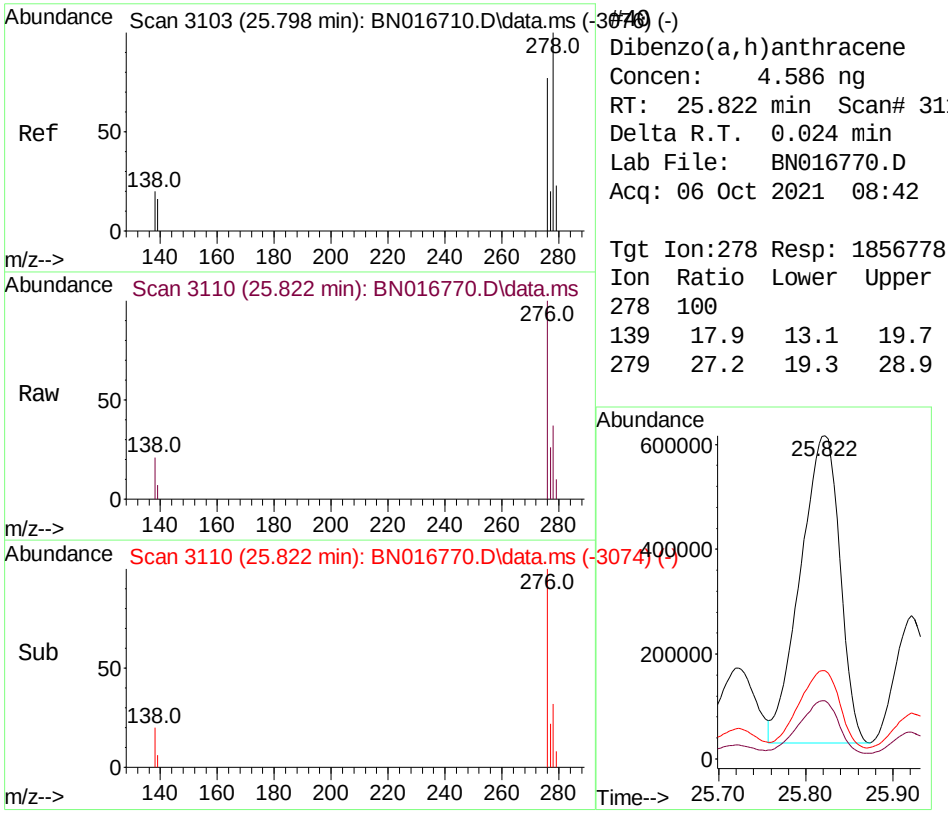
#39
Benzo(a)pyrene
Concen: 31.159 ng
RT: 23.443 min Scan# 2415
Delta R.T. 0.051 min
Lab File: BN016770.D
Acq: 06 Oct 2021 08:42

Tgt Ion:252 Resp:14491393

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.9	26.9
125	11.0	9.4	14.2



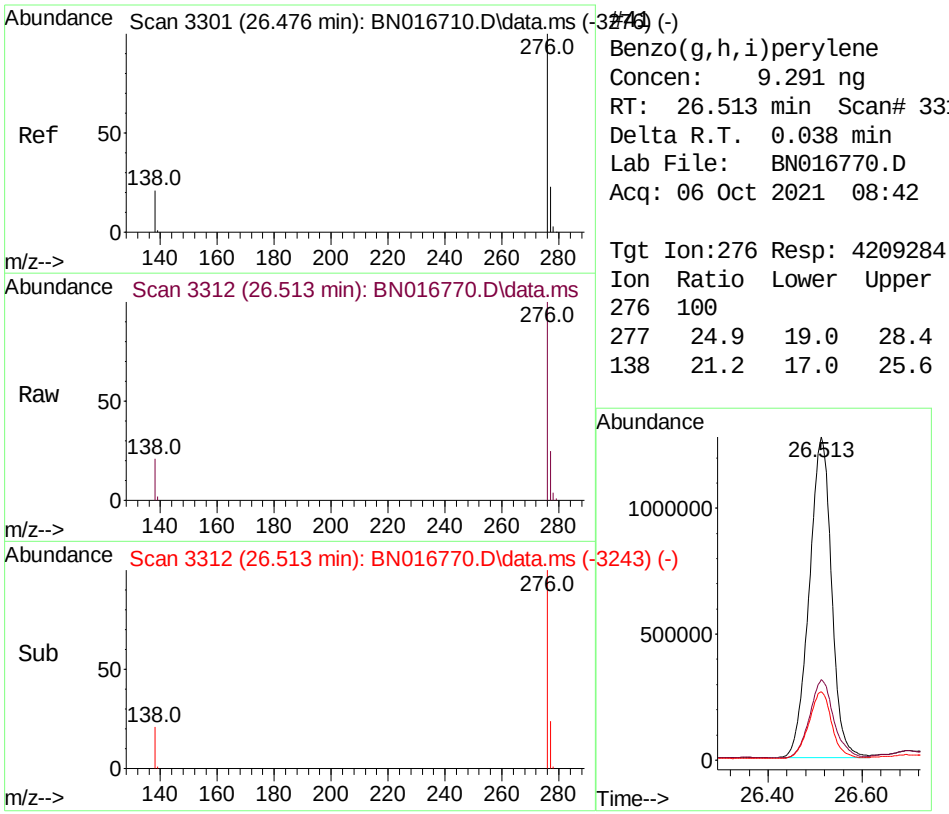
Instrument :
BNA_N
ClientSampleId :



#40
Dibenzo(a,h)anthracene
Concen: 4.586 ng
RT: 25.822 min Scan# 3110
Delta R.T. 0.024 min
Lab File: BN016770.D
Acq: 06 Oct 2021 08:42

Tgt Ion:278 Resp: 1856778

Ion	Ratio	Lower	Upper
278	100		
139	17.9	13.1	19.7
279	27.2	19.3	28.9



#41
Benzo(g,h,i)perylene
Concen: 9.291 ng
RT: 26.513 min Scan# 3312
Delta R.T. 0.038 min
Lab File: BN016770.D
Acq: 06 Oct 2021 08:42

Tgt Ion:276 Resp: 4209284

Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.0	28.4
138	21.2	17.0	25.6