Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081321\
Data File : BN015869.D
Acq On : 13 Aug 2021 09:14
Operator : CG/JU
Sample : PB138187BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB138187BL

Quant Time: Aug 13 10:54:20 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN081221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 13 10:53:03 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.919	152	9587	0.400	ng		0.00
7) Naphthalene-d8	10.723	136	47106	0.400	ng		0.00
13) Acenaphthene-d10	14.548	164	26583	0.400	ng		0.00
19) Phenanthrene-d10	17.297	188	54624	0.400	ng		0.00
29) Chrysene-d12	21.493	240	59111	0.400	ng		0.00
35) Perylene-d12	23.916	264	53322	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.494	112	8661	0.365	ng		0.00
5) Phenol-d6	7.071	99	11415	0.354	ng		0.00
8) Nitrobenzene-d5	9.076	82	14311	0.363	ng		0.00
11) 2-Methylnaphthalene-d10	12.309	152	31872	0.420	ng		0.00
14) 2,4,6-Tribromophenol	16.044	330	2975	0.254	ng		0.00
15) 2-Fluorobiphenyl	13.177	172	42339	0.404	ng		0.00
27) Fluoranthene-d10	19.331	212	73566	0.437	ng		0.00
31) Terphenyl-d14	19.932	244	74014	0.441	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.751	42	24	0.002	ng	#	1
6) bis(2-Chloroethyl)ether	7.347	93	22	0.001	ng	#	59
9) Naphthalene	10.774	128	107	0.001	ng	#	1
10) Hexachlorobutadiene	11.028	225	6	0.000	ng	#	18
12) 2-Methylnaphthalene	12.381	142	42	0.001	ng	#	72
16) Acenaphthylene	14.269	152	37	0.000	ng		94
17) Acenaphthene	14.611	154	15	0.000	ng	#	73
18) Fluorene	15.601	166	27	0.000	ng	#	15
20) 4,6-Dinitro-2-methylph...	15.702	198	4	0.261	ng	#	1
21) 4-Bromophenyl-phenylether	16.482	248	3	0.000	ng	#	67
22) Hexachlorobenzene	16.616	284	20	0.001	ng	#	71
23) Atrazine	16.750	200	4	0.000	ng	#	4
24) Pentachlorophenol	16.957	266	83	0.006	ng	#	69
25) Phenanthrene	17.346	178	132	0.001	ng	#	80
26) Anthracene	17.431	178	69	0.001	ng	#	39
28) Fluoranthene	19.361	202	357	0.002	ng	#	86
30) Pyrene	19.723	202	295	0.002	ng	#	94
32) Benzo(a)anthracene	21.472	228	625	0.003	ng	#	78
33) Chrysene	21.525	228	487	0.003	ng	#	81
34) Bis(2-ethylhexyl)phtha...	21.408	149	1910	0.025	ng		95
36) Indeno(1,2,3-cd)pyrene	26.428	276	513	0.003	ng	#	1
37) Benzo(b)fluoranthene	23.180	252	894	0.005	ng	#	1
38) Benzo(k)fluoranthene	23.221	252	528	0.003	ng	#	1
39) Benzo(a)pyrene	23.823	252	831	0.005	ng	#	1
40) Dibenzo(a,h)anthracene	26.452	278	450	0.003	ng	#	1
41) Benzo(g,h,i)perylene	27.198	276	490	0.003	ng	#	43

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

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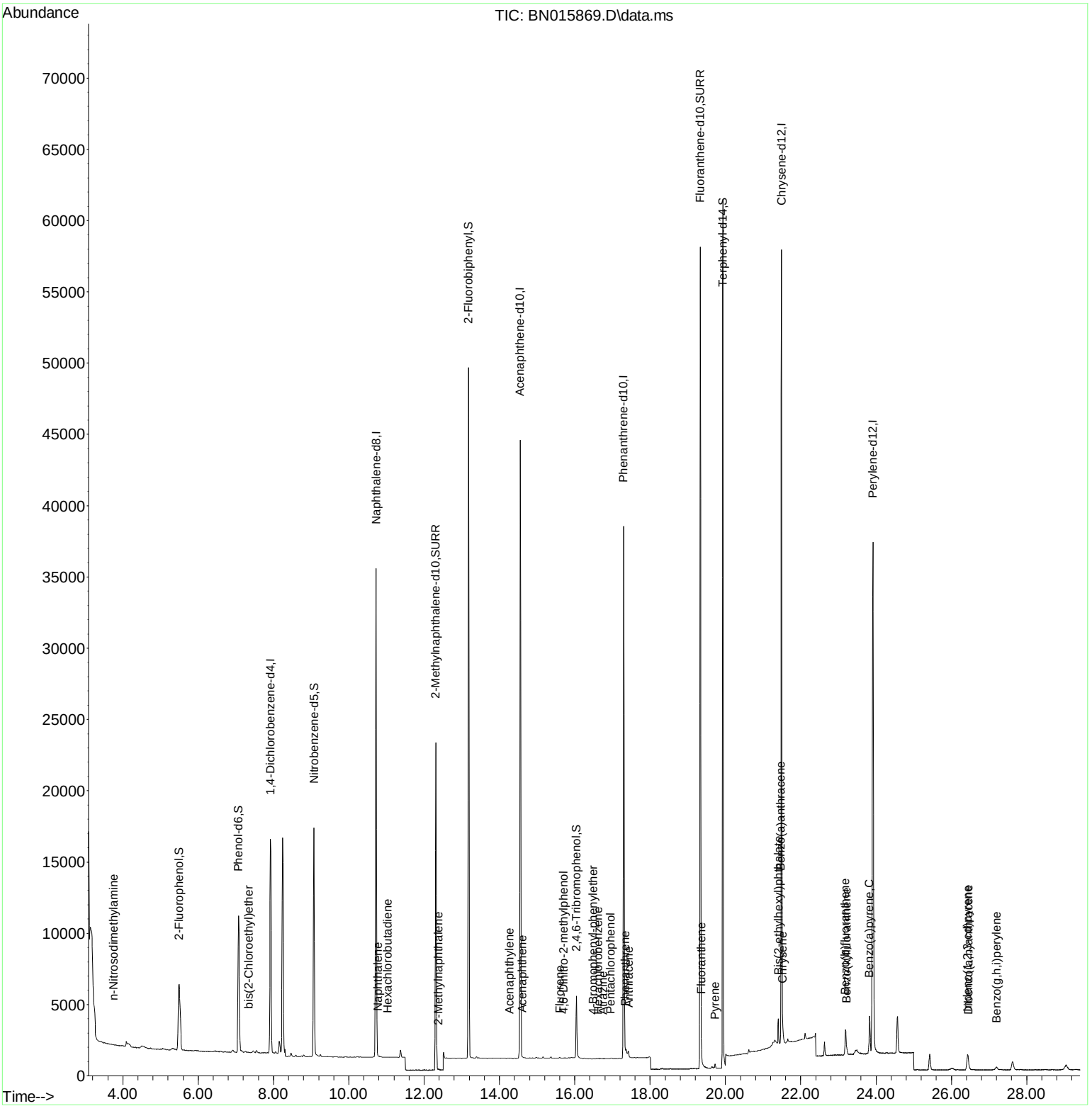
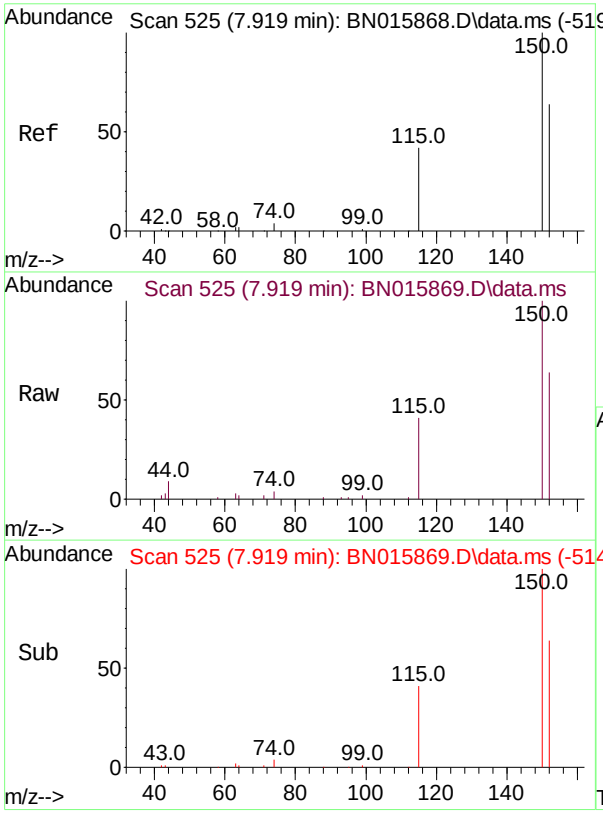
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB138187BL

Quant Time: Aug 13 10:54:20 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN081221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 13 10:53:03 2021
Response via : Initial Calibration



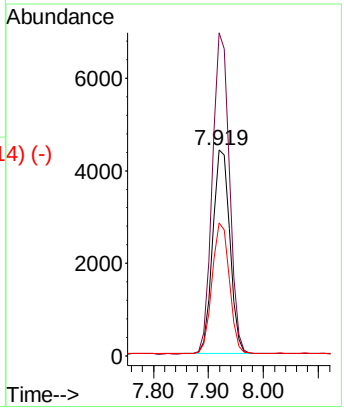
Instrument :
BNA_N
ClientSampleId :
PB138187BL

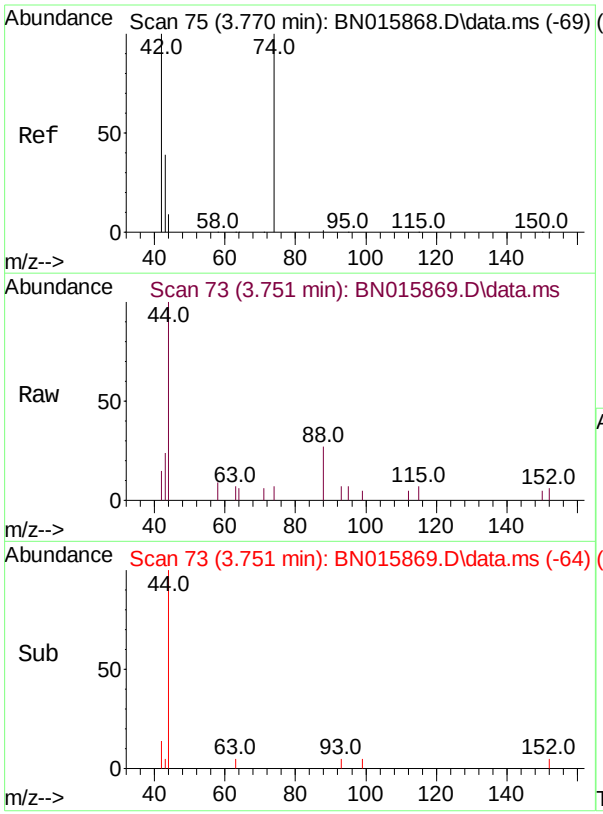


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.919 min Scan# 525
Delta R.T. -0.000 min
Lab File: BN015869.D
Acq: 13 Aug 2021 09:14

Tgt Ion:152 Resp: 9587

Ion	Ratio	Lower	Upper
152	100		
150	156.6	125.8	188.8
115	64.6	53.6	80.4

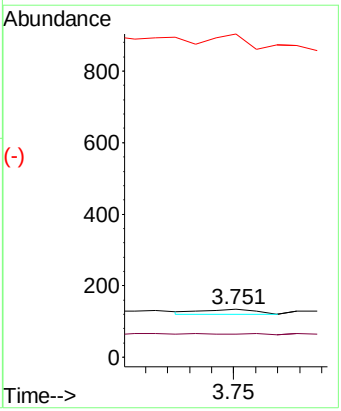




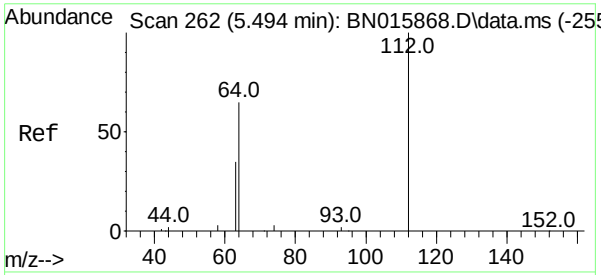
#3
n-Nitrosodimethylamine
Concen: 0.002 ng
RT: 3.751 min Scan# 73
Delta R.T. -0.018 min
Lab File: BN015869.D
Acq: 13 Aug 2021 09:14

Tgt Ion: 42 Resp: 24

Ion	Ratio	Lower	Upper
42	100		
74	0.0	86.1	129.1#
44	0.0	3.8	5.8#



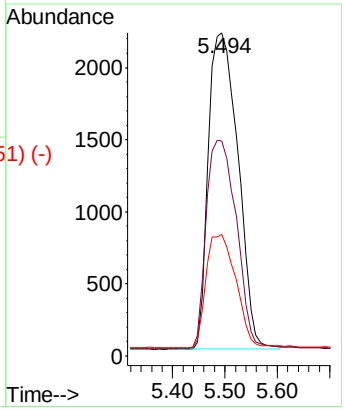
Instrument :
BNA_N
ClientSampleId :
PB138187BL

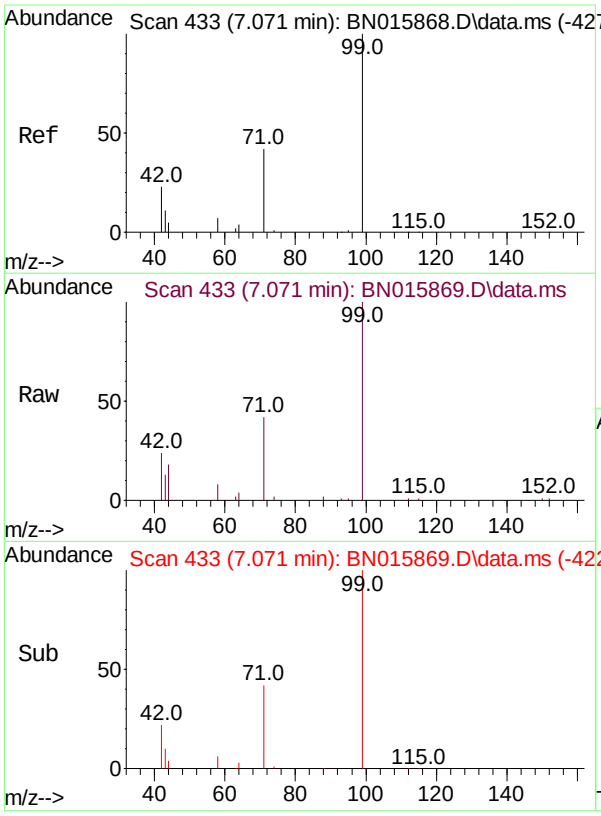


2-Fluorophenol
Concen: 0.365 ng
RT: 5.494 min Scan# 262
Delta R.T. 0.000 min
Lab File: BN015869.D
Acq: 13 Aug 2021 09:14

Tgt Ion:112 Resp: 8661

Ion	Ratio	Lower	Upper
112	100		
64	66.7	53.3	79.9
63	35.6	28.6	42.8

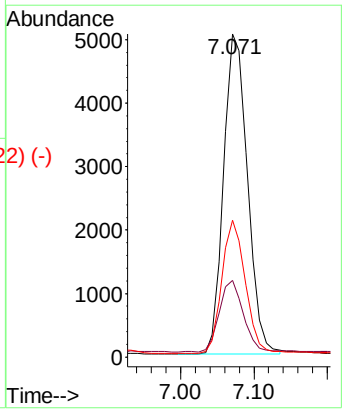


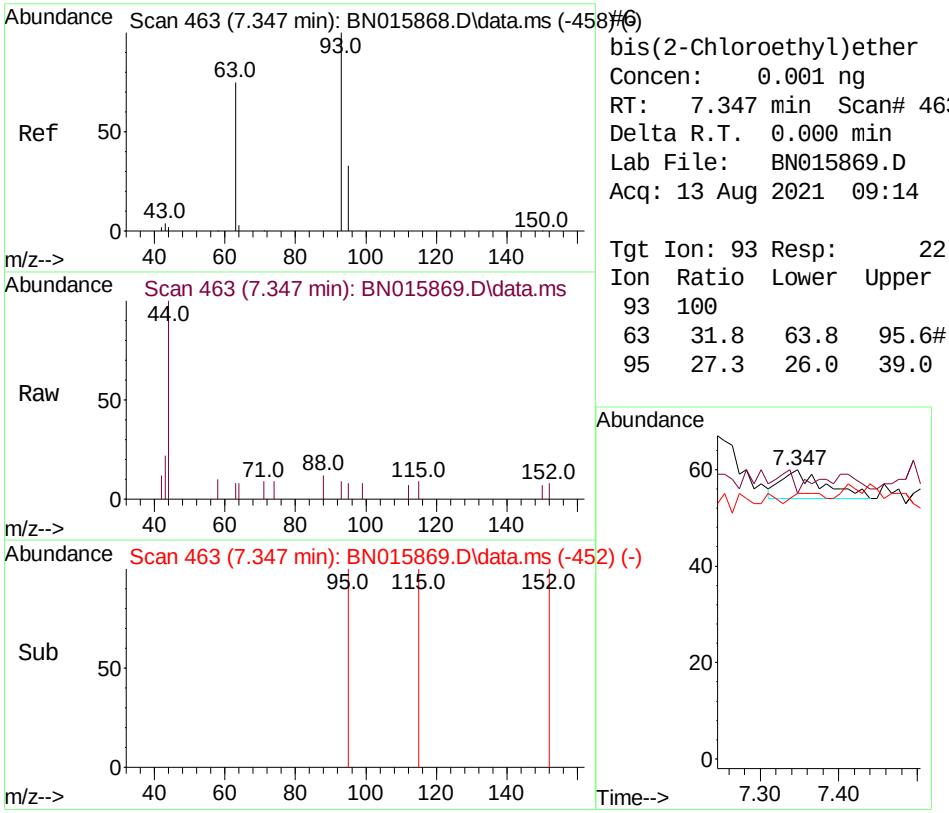


Phenol-d6
Concen: 0.354 ng
RT: 7.071 min Scan# 433
Delta R.T. 0.000 min
Lab File: BN015869.D
Acq: 13 Aug 2021 09:14

Tgt Ion: 99 Resp: 11415

Ion	Ratio	Lower	Upper
99	100		
42	22.3	18.7	28.1
71	40.7	32.4	48.6



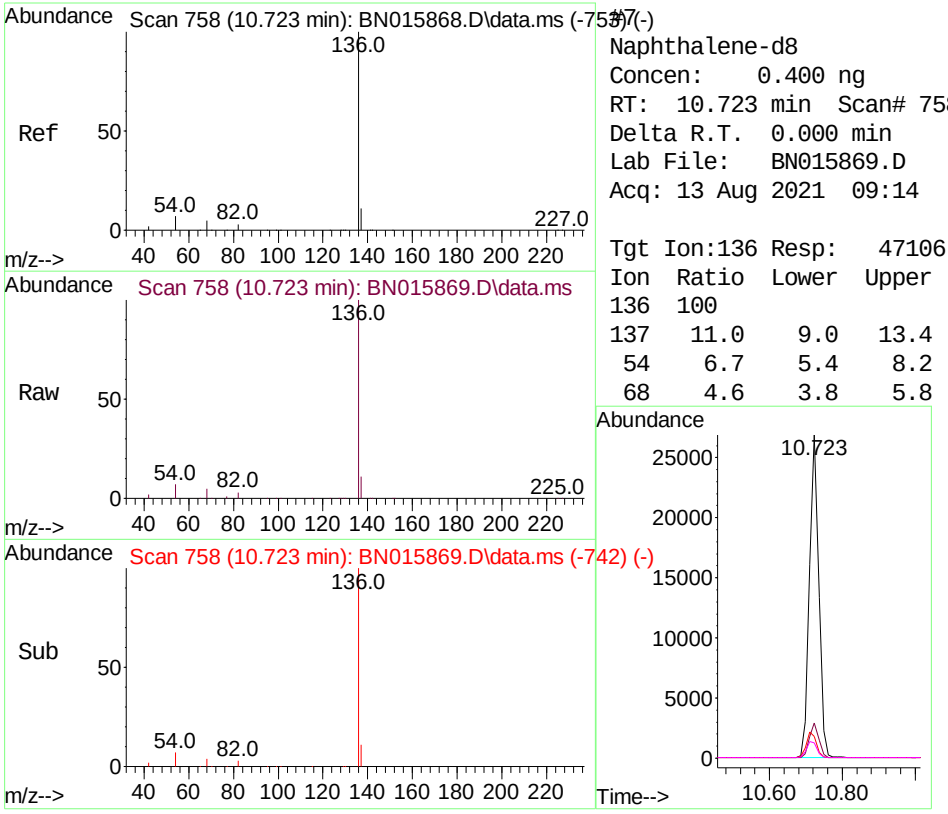


#6
bis(2-Chloroethyl)ether
Concen: 0.001 ng
RT: 7.347 min Scan# 463
Delta R.T. 0.000 min
Lab File: BN015869.D
Acq: 13 Aug 2021 09:14

Tgt Ion: 93 Resp: 22

Ion	Ratio	Lower	Upper
93	100		
63	31.8	63.8	95.6#
95	27.3	26.0	39.0

Instrument :
BNA_N
ClientSampleId :
PB138187BL

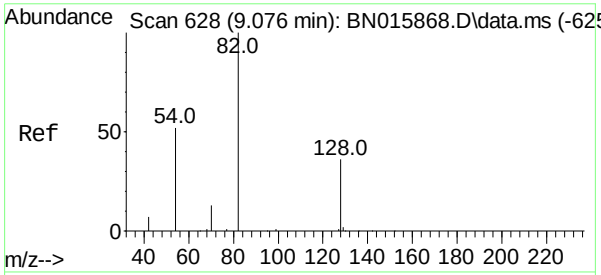


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.723 min Scan# 758
Delta R.T. 0.000 min
Lab File: BN015869.D
Acq: 13 Aug 2021 09:14

Tgt Ion:136 Resp: 47106

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	6.7	5.4	8.2
68	4.6	3.8	5.8

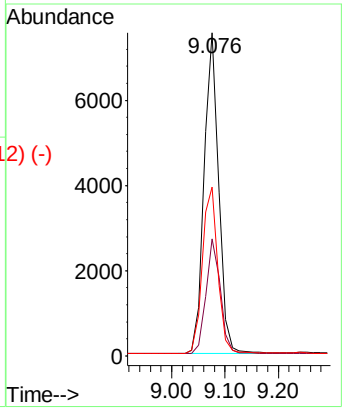
Instrument :
BNA_N
ClientSampleId :
PB138187BL

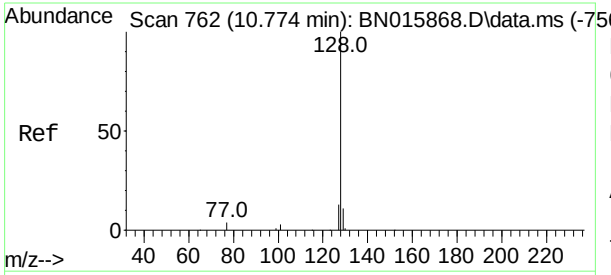


#8
Nitrobenzene-d5
Concen: 0.363 ng
RT: 9.076 min Scan# 628
Delta R.T. 0.000 min
Lab File: BN015869.D
Acq: 13 Aug 2021 09:14

Tgt Ion: 82 Resp: 14311

Ion	Ratio	Lower	Upper
82	100		
128	36.3	29.2	43.8
54	52.3	41.1	61.7

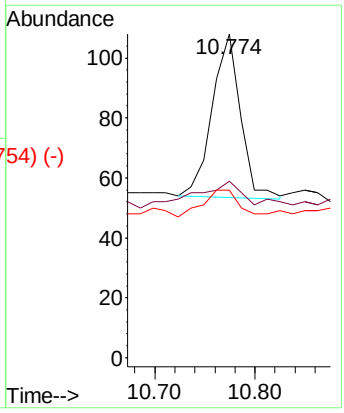




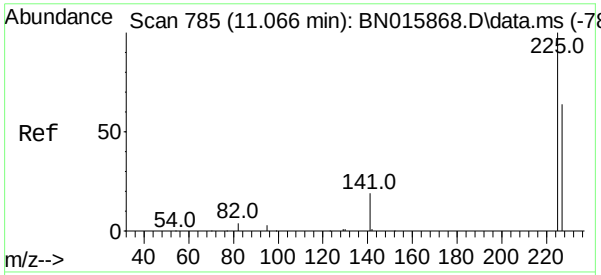
#9
Naphthalene
Concen: 0.001 ng
RT: 10.774 min Scan# 762
Delta R.T. 0.000 min
Lab File: BN015869.D
Acq: 13 Aug 2021 09:14

Tgt Ion:128 Resp: 107

Ion	Ratio	Lower	Upper
128	100		
129	54.6	8.8	13.2#
127	51.9	10.5	15.7#



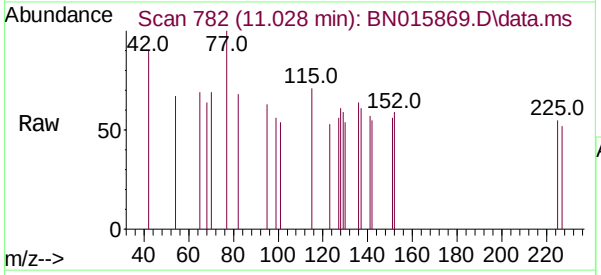
Instrument :
BNA_N
ClientSampleId :
PB138187BL

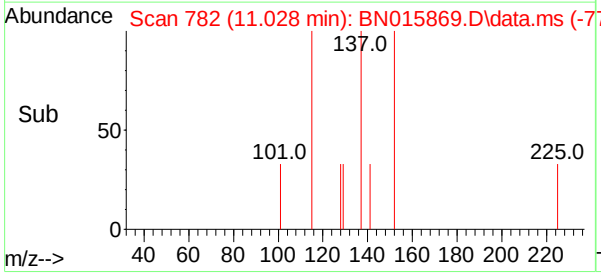


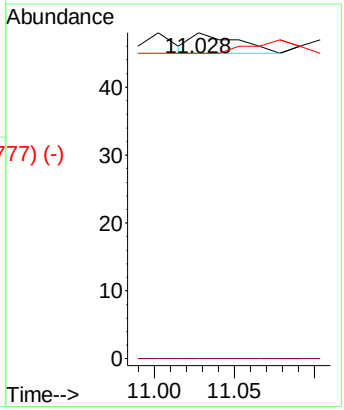
#10
Hexachlorobutadiene
Concen: 0.000 ng
RT: 11.028 min Scan# 782
Delta R.T. -0.038 min
Lab File: BN015869.D
Acq: 13 Aug 2021 09:14

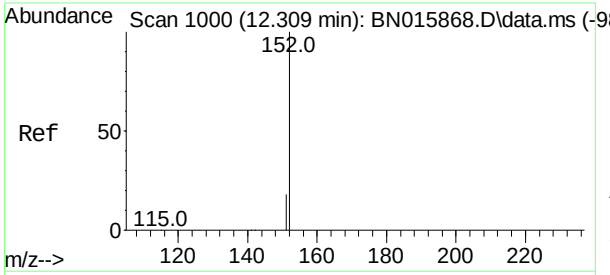
Tgt Ion:225 Resp: 6

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	0.0	51.4	77.0#





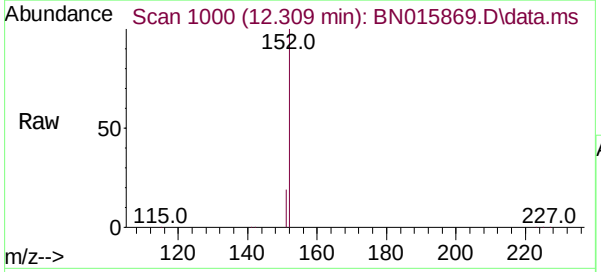


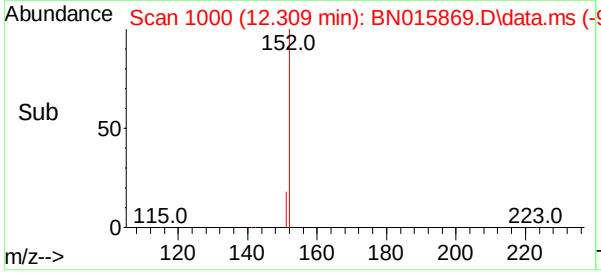


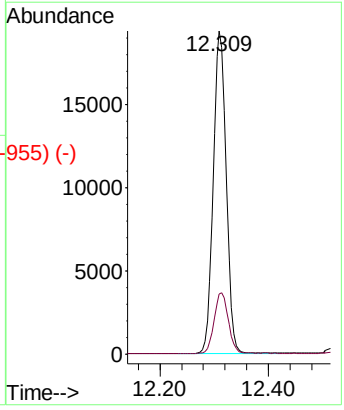
#11
2-Methylnaphthalene-d10
Concen: 0.420 ng
RT: 12.309 min Scan# 1000
Delta R.T. 0.000 min
Lab File: BN015869.D
Acq: 13 Aug 2021 09:14

Tgt Ion:152 Resp: 31872

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.5	24.7







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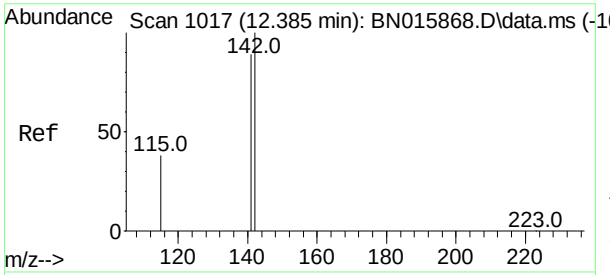
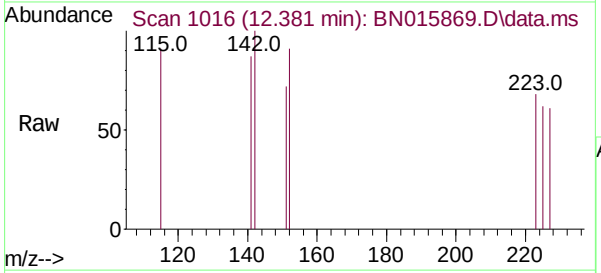
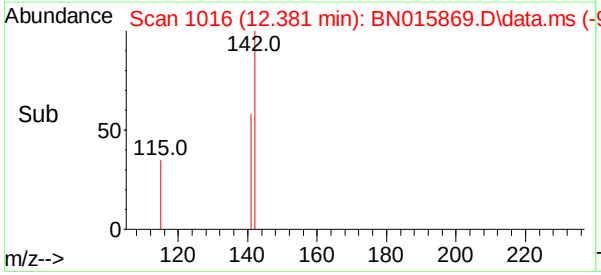


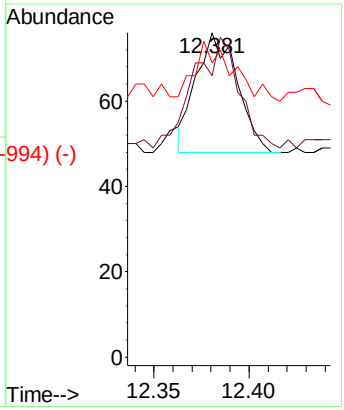
#12
2-Methylnaphthalene
Concen: 0.001 ng
RT: 12.381 min Scan# 1016
Delta R.T. -0.004 min
Lab File: BN015869.D
Acq: 13 Aug 2021 09:14

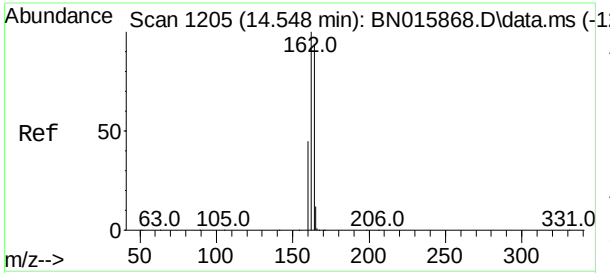
Tgt Ion:142 Resp: 42

Ion	Ratio	Lower	Upper
142	100		
141	86.8	70.5	105.7
115	90.8	29.8	44.8#





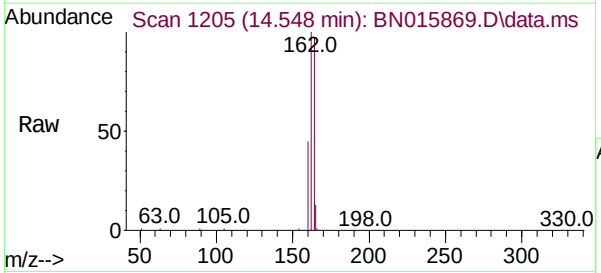


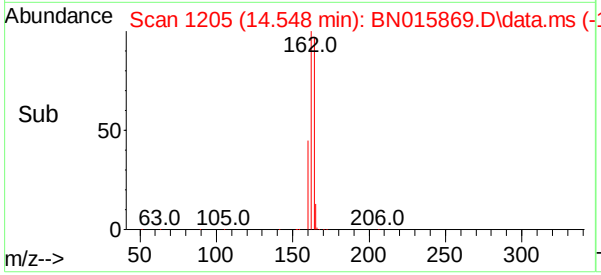


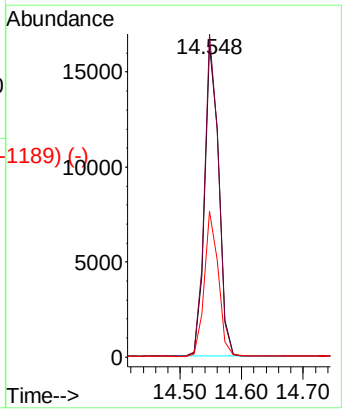
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.548 min Scan# 1205
Delta R.T. 0.000 min
Lab File: BN015869.D
Acq: 13 Aug 2021 09:14

Tgt Ion:164 Resp: 26583

Ion	Ratio	Lower	Upper
164	100		
162	103.5	83.5	125.3
160	46.6	37.7	56.5







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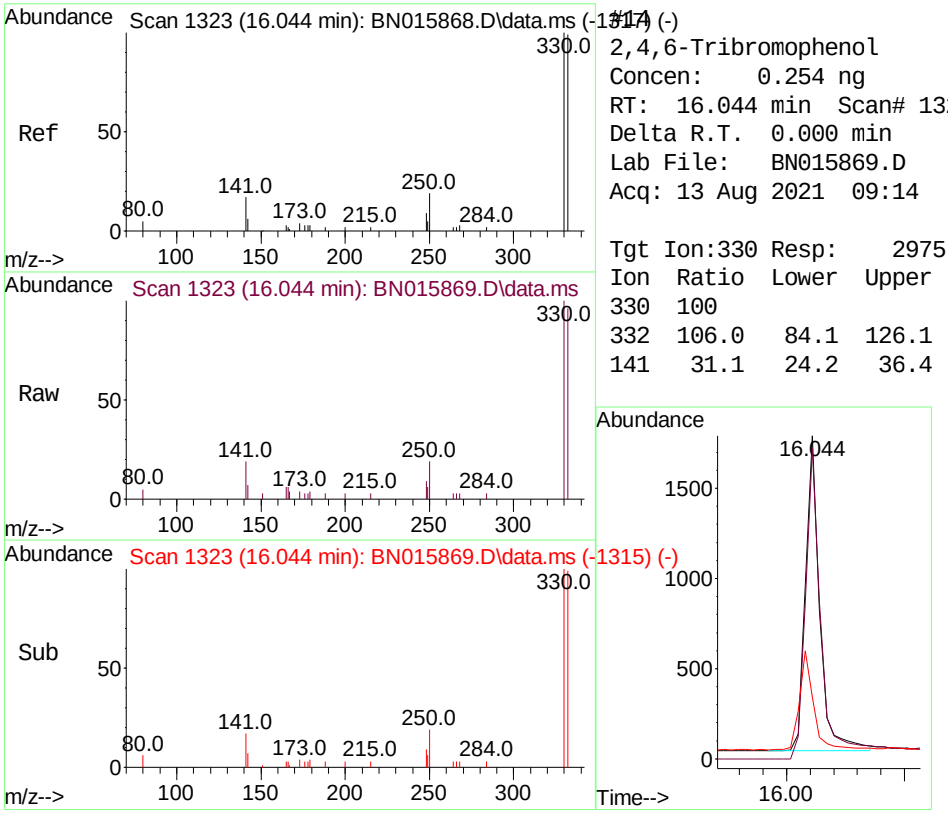
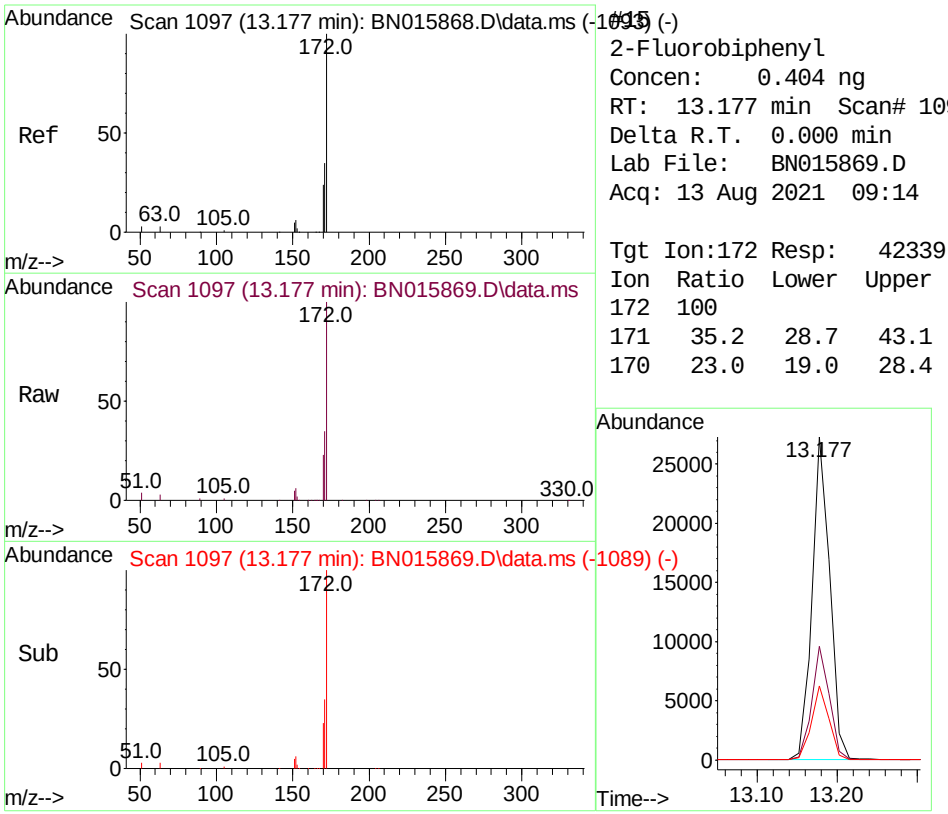


#14
2,4,6-Tribromophenol
Concen: 0.254 ng
RT: 16.044 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BN015869.D
Acq: 13 Aug 2021 09:14

Tgt Ion:330 Resp: 2975

Ion	Ratio	Lower	Upper
330	100		
332	106.0	84.1	126.1
141	31.1	24.2	36.4

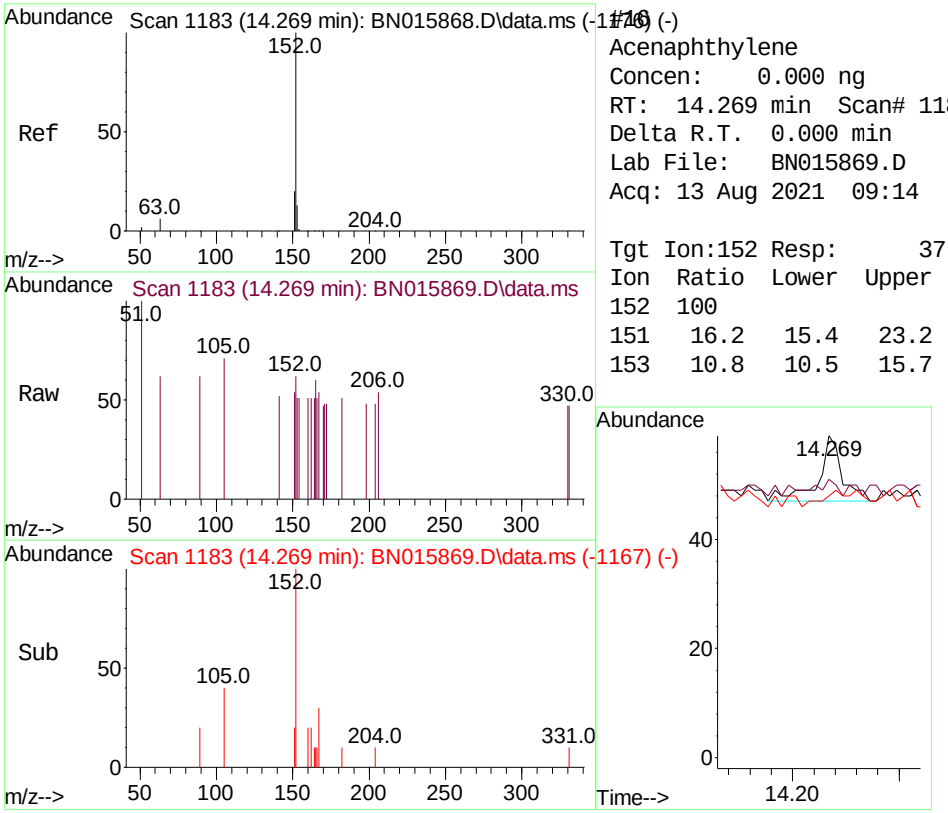


#15
2-Fluorobiphenyl
Concen: 0.404 ng
RT: 13.177 min Scan# 1097
Delta R.T. 0.000 min
Lab File: BN015869.D
Acq: 13 Aug 2021 09:14

Tgt Ion:172 Resp: 42339

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.7	43.1
170	23.0	19.0	28.4

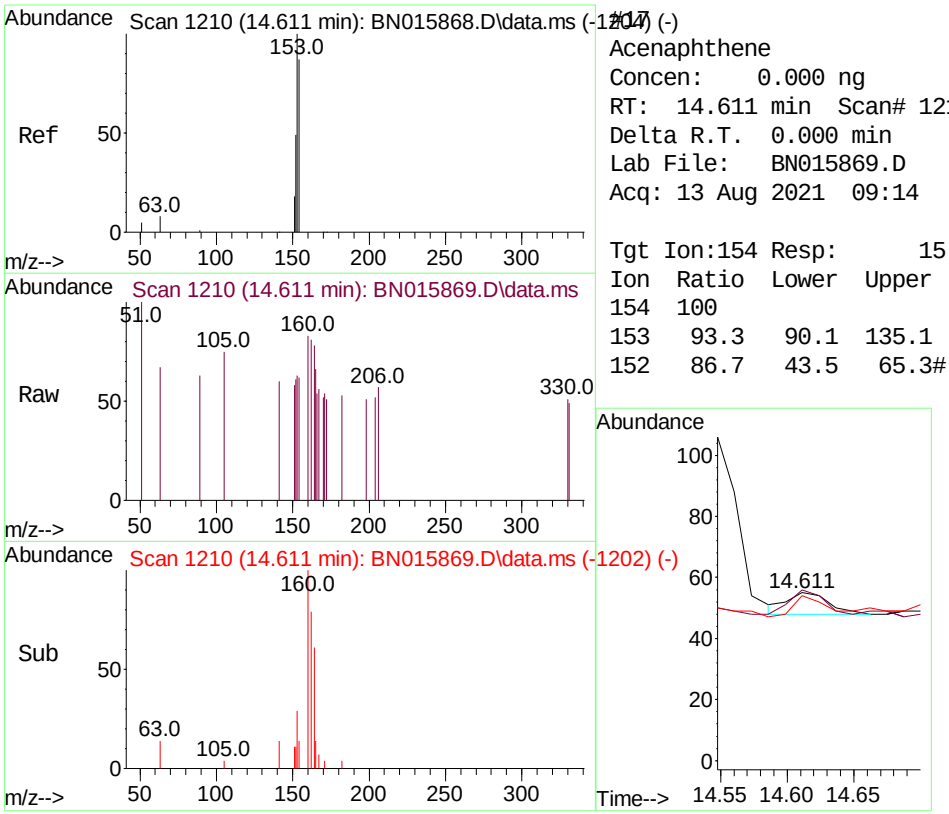
Instrument :
BNA_N
ClientSampleId :
PB138187BL



#16
Acenaphthylene
Concen: 0.000 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN015869.D
Acq: 13 Aug 2021 09:14

Tgt Ion:152 Resp: 37

Ion	Ratio	Lower	Upper
152	100		
151	16.2	15.4	23.2
153	10.8	10.5	15.7

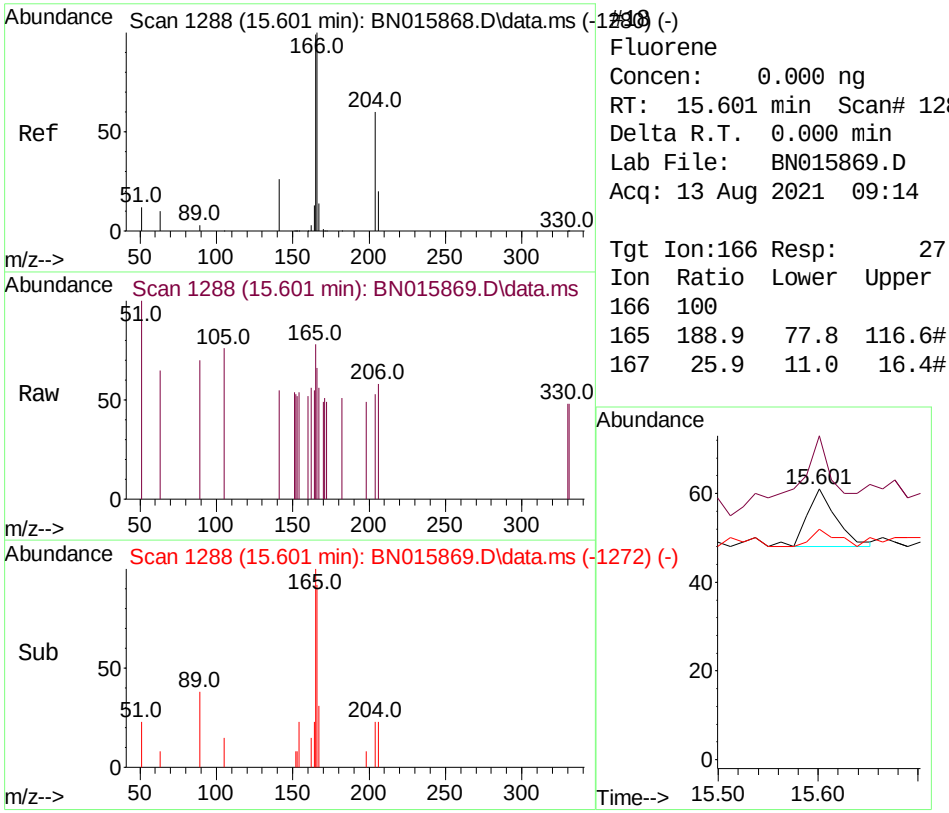


#17
Acenaphthene
Concen: 0.000 ng
RT: 14.611 min Scan# 1210
Delta R.T. 0.000 min
Lab File: BN015869.D
Acq: 13 Aug 2021 09:14

Tgt Ion:154 Resp: 15

Ion	Ratio	Lower	Upper
154	100		
153	93.3	90.1	135.1
152	86.7	43.5	65.3#

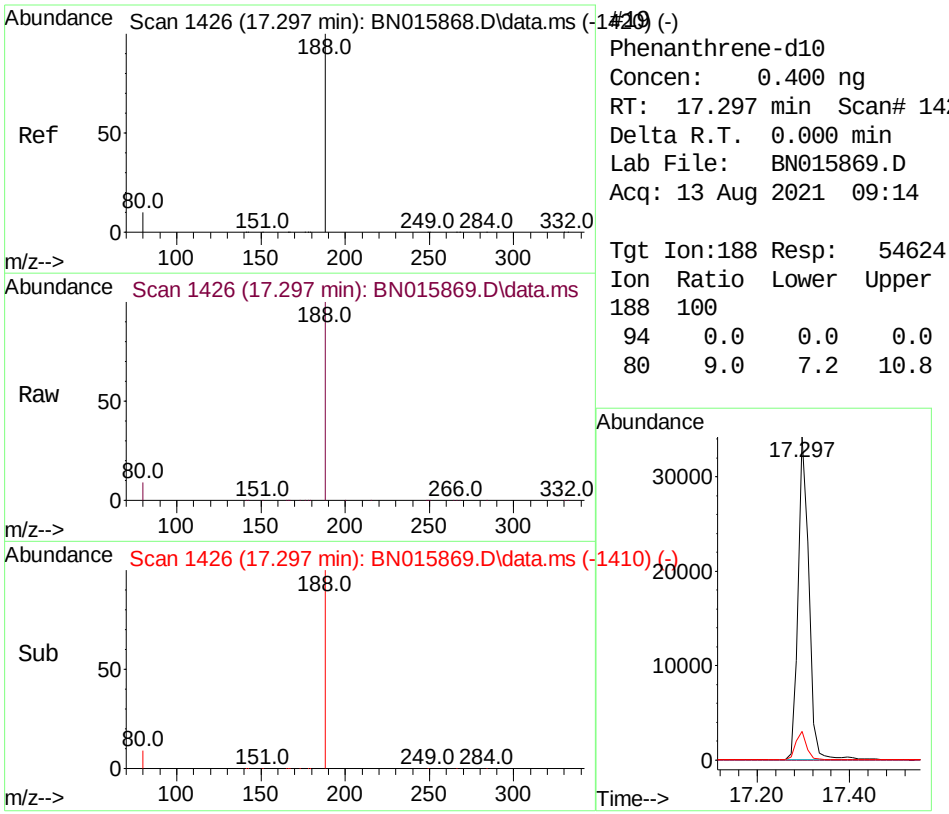
Instrument :
BNA_N
ClientSampleId :
PB138187BL



#18
Fluorene
Concen: 0.000 ng
RT: 15.601 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BN015869.D
Acq: 13 Aug 2021 09:14

Tgt Ion:166 Resp: 27

Ion	Ratio	Lower	Upper
166	100		
165	188.9	77.8	116.6#
167	25.9	11.0	16.4#

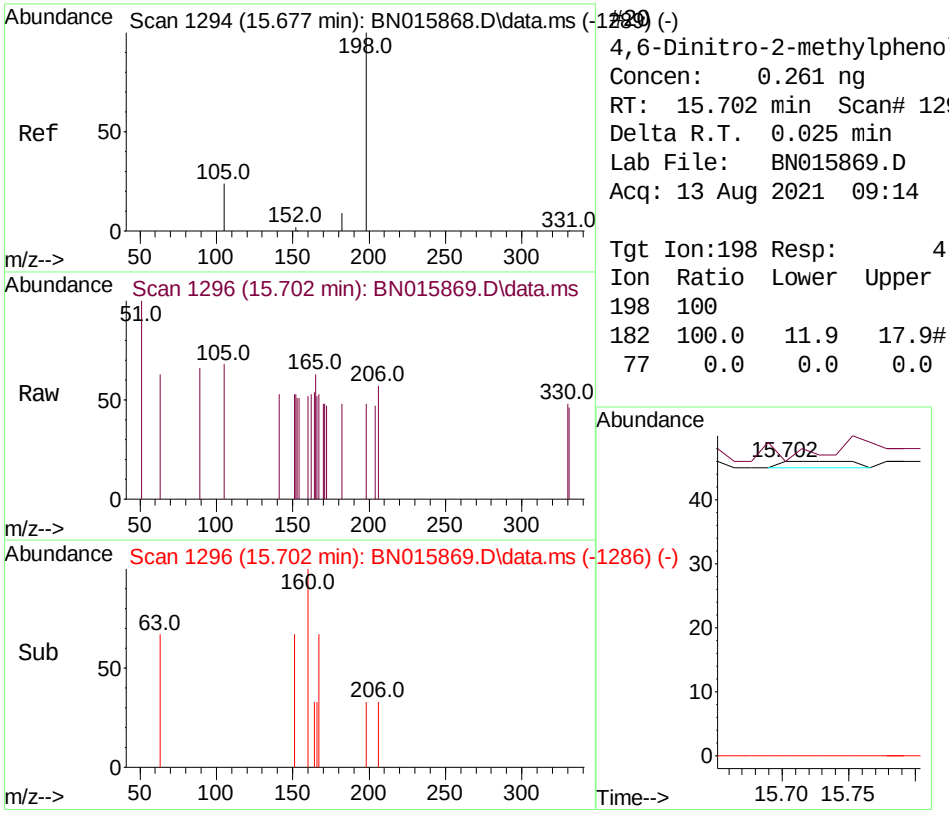


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.297 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BN015869.D
Acq: 13 Aug 2021 09:14

Tgt Ion:188 Resp: 54624

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.0	7.2	10.8

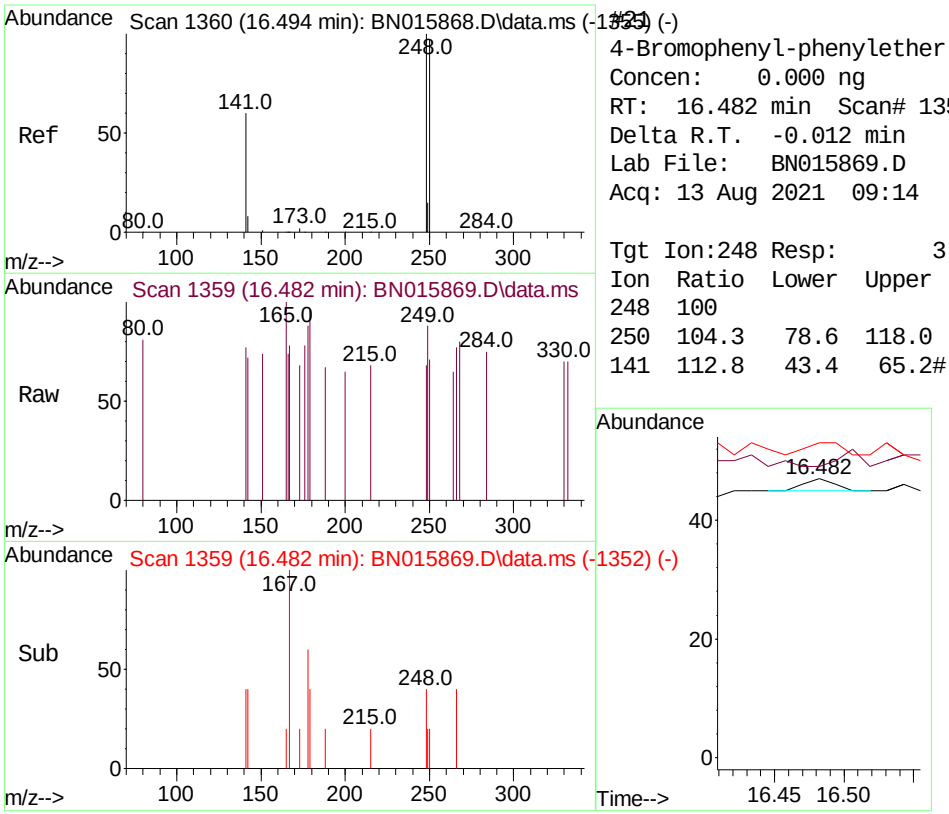
Instrument :
BNA_N
ClientSampleId :
PB138187BL



#20
4,6-Dinitro-2-methylphenol
Concen: 0.261 ng
RT: 15.702 min Scan# 1296
Delta R.T. 0.025 min
Lab File: BN015869.D
Acq: 13 Aug 2021 09:14

Tgt Ion:198 Resp: 4

Ion	Ratio	Lower	Upper
198	100		
182	100.0	11.9	17.9#
77	0.0	0.0	0.0

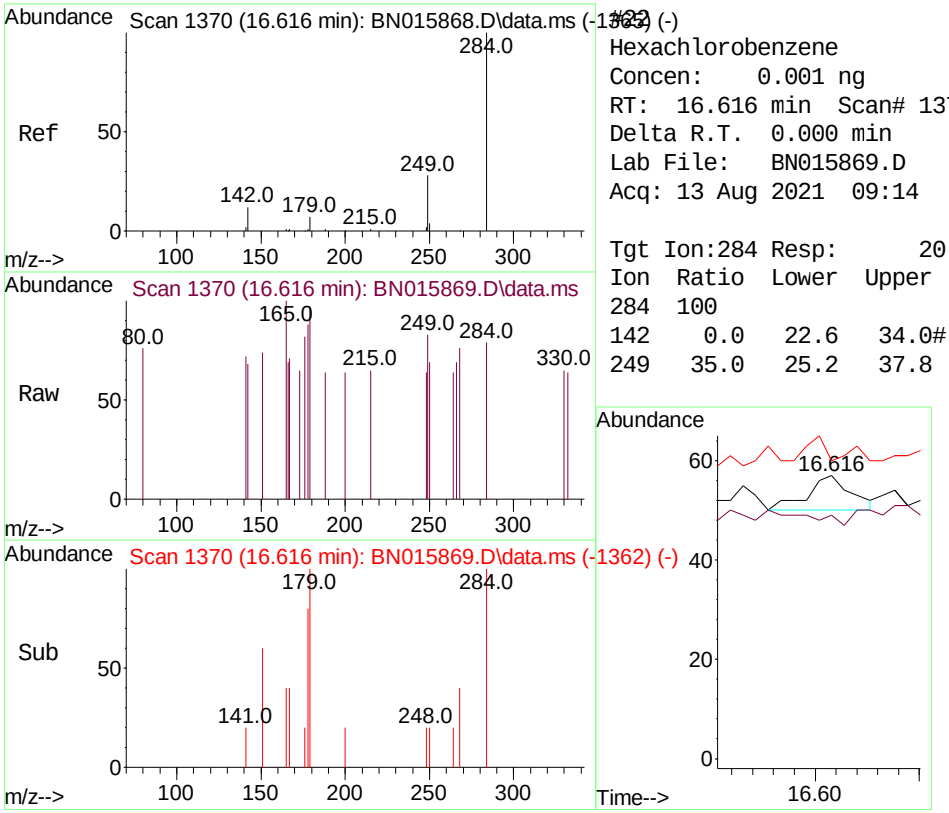


#21
4-Bromophenyl-phenylether
Concen: 0.000 ng
RT: 16.482 min Scan# 1359
Delta R.T. -0.012 min
Lab File: BN015869.D
Acq: 13 Aug 2021 09:14

Tgt Ion:248 Resp: 3

Ion	Ratio	Lower	Upper
248	100		
250	104.3	78.6	118.0
141	112.8	43.4	65.2#

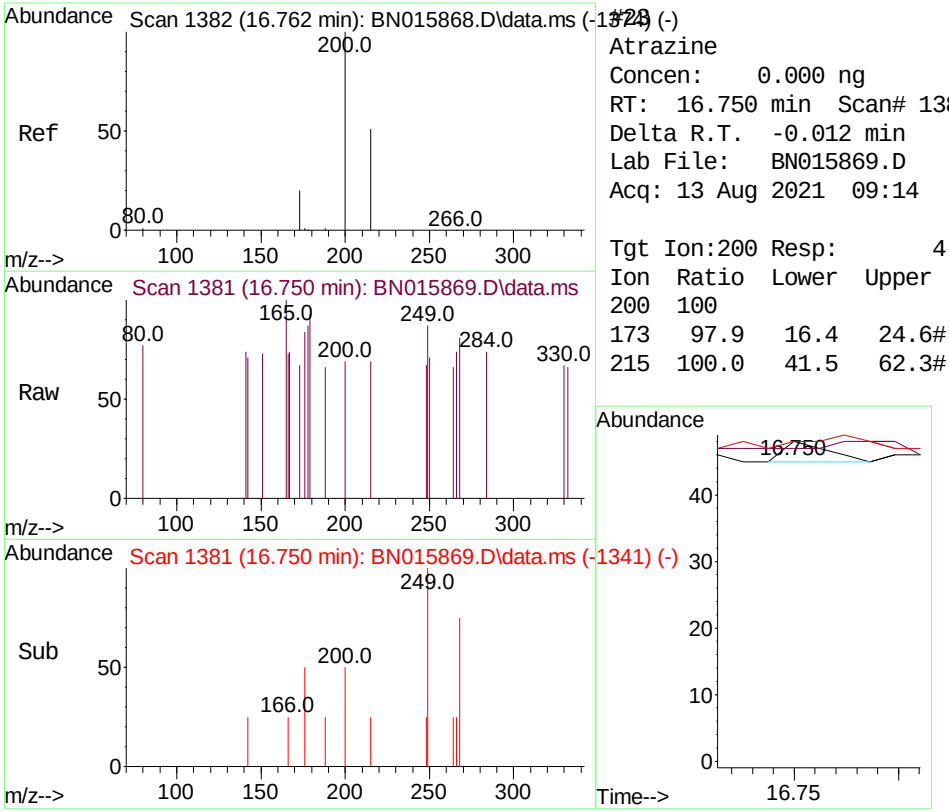
Instrument :
BNA_N
ClientSampleId :
PB138187BL



#22
Hexachlorobenzene
Concen: 0.001 ng
RT: 16.616 min Scan# 1370
Delta R.T. 0.000 min
Lab File: BN015869.D
Acq: 13 Aug 2021 09:14

Tgt Ion:284 Resp: 20

Ion	Ratio	Lower	Upper
284	100		
142	0.0	22.6	34.0#
249	35.0	25.2	37.8

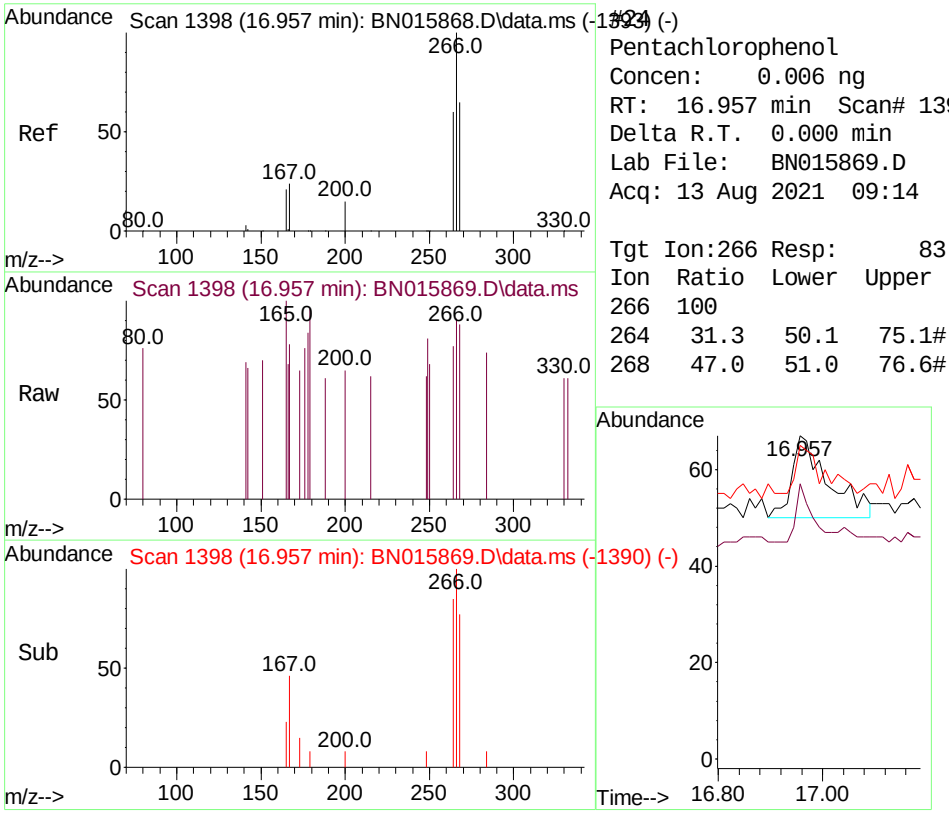


#23
Atrazine
Concen: 0.000 ng
RT: 16.750 min Scan# 1381
Delta R.T. -0.012 min
Lab File: BN015869.D
Acq: 13 Aug 2021 09:14

Tgt Ion:200 Resp: 4

Ion	Ratio	Lower	Upper
200	100		
173	97.9	16.4	24.6#
215	100.0	41.5	62.3#

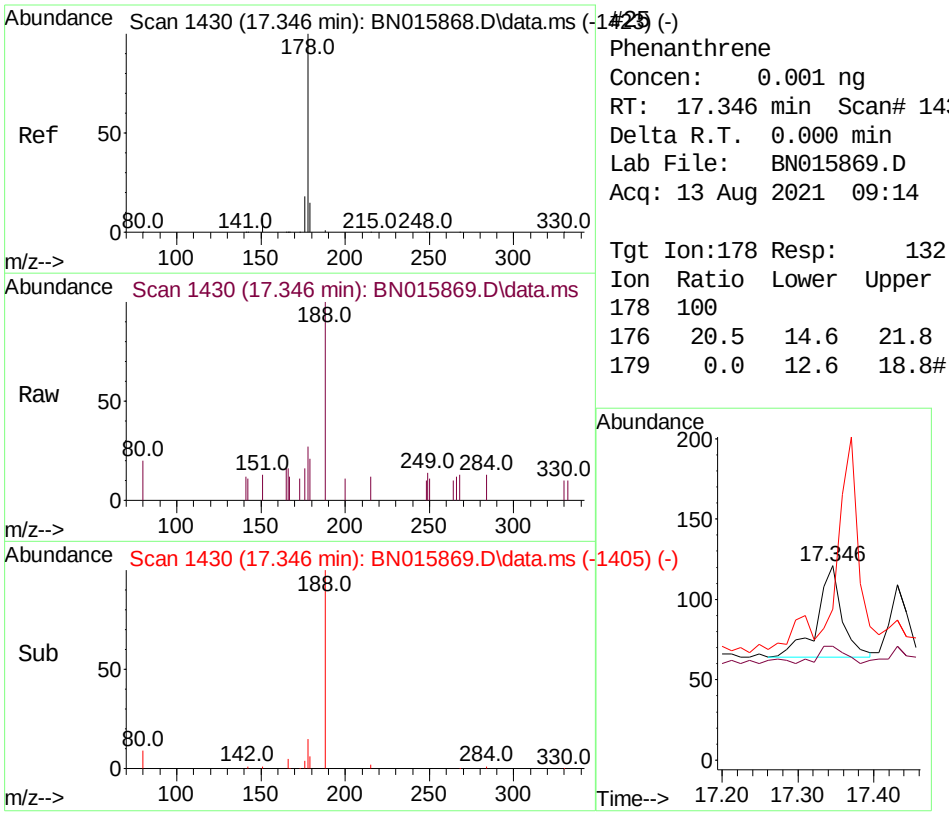
Instrument :
BNA_N
ClientSampleId :
PB138187BL



#24
Pentachlorophenol
Concen: 0.006 ng
RT: 16.957 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BN015869.D
Acq: 13 Aug 2021 09:14

Tgt Ion:266 Resp: 83

Ion	Ratio	Lower	Upper
266	100		
264	31.3	50.1	75.1#
268	47.0	51.0	76.6#

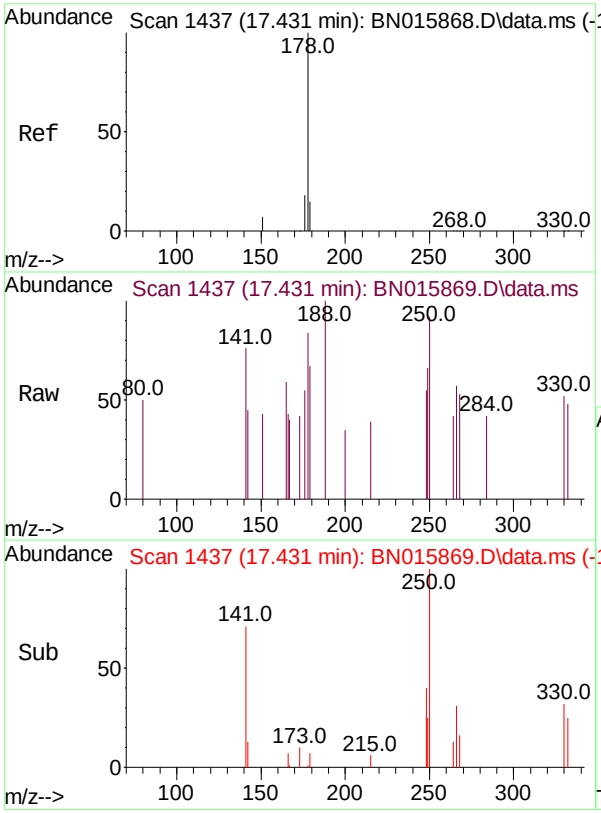


#25
Phenanthrene
Concen: 0.001 ng
RT: 17.346 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BN015869.D
Acq: 13 Aug 2021 09:14

Tgt Ion:178 Resp: 132

Ion	Ratio	Lower	Upper
178	100		
176	20.5	14.6	21.8
179	0.0	12.6	18.8#

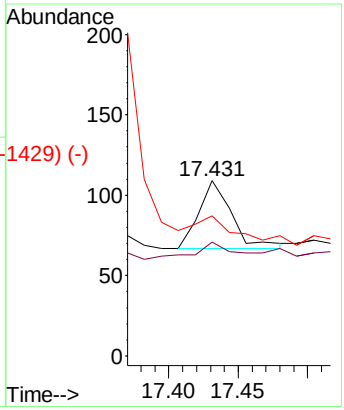
Instrument :
BNA_N
ClientSampleId :
PB138187BL

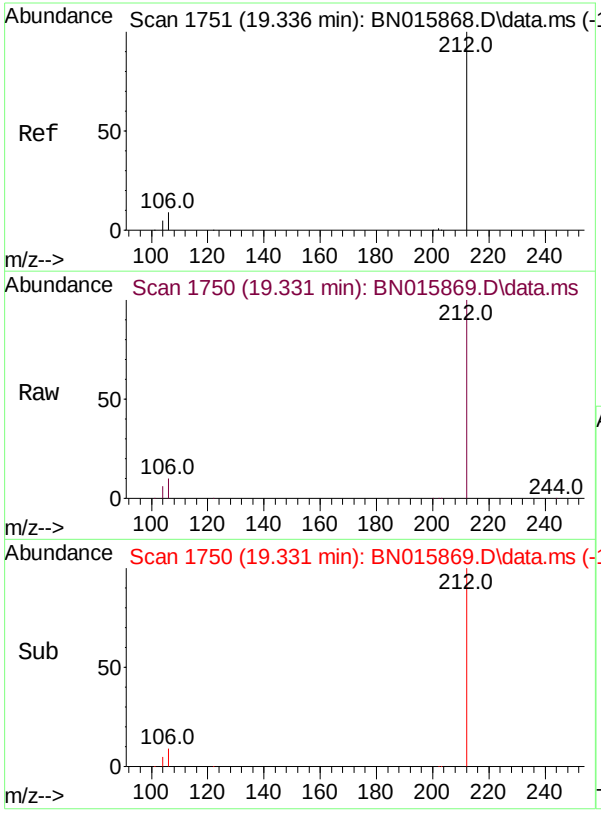


#26
Anthracene
Concen: 0.001 ng
RT: 17.431 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BN015869.D
Acq: 13 Aug 2021 09:14

Tgt Ion:178 Resp: 69

Ion	Ratio	Lower	Upper
178	100		
176	29.0	14.3	21.5#
179	58.0	12.2	18.4#

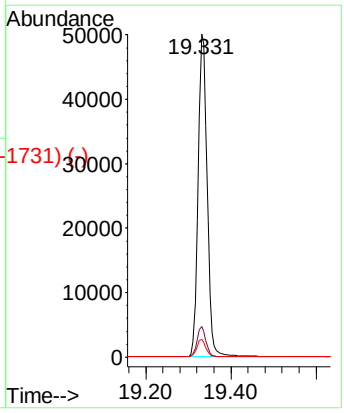




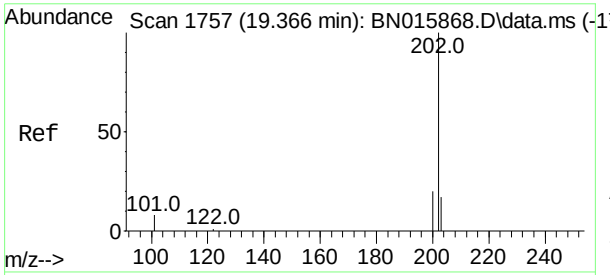
#27
Fluoranthene-d10
Concen: 0.437 ng
RT: 19.331 min Scan# 1750
Delta R.T. -0.005 min
Lab File: BN015869.D
Acq: 13 Aug 2021 09:14

Tgt Ion:212 Resp: 73566

Ion	Ratio	Lower	Upper
212	100		
106	9.1	7.4	11.2
104	5.3	4.3	6.5



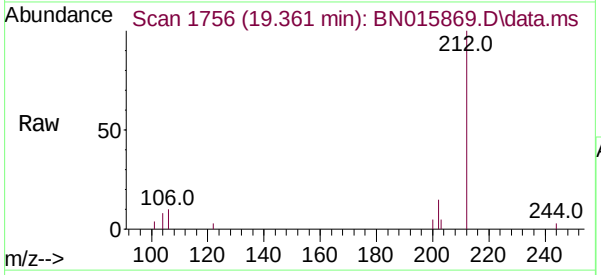
Instrument :
BNA_N
ClientSampleId :
PB138187BL

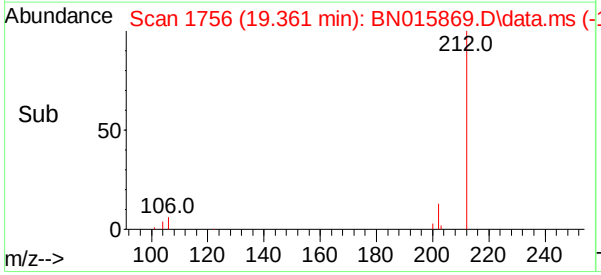


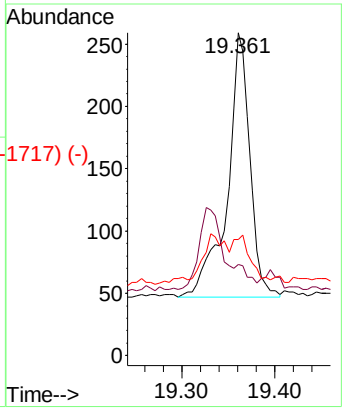
#28
Fluoranthene
Concen: 0.002 ng
RT: 19.361 min Scan# 1756
Delta R.T. -0.005 min
Lab File: BN015869.D
Acq: 13 Aug 2021 09:14

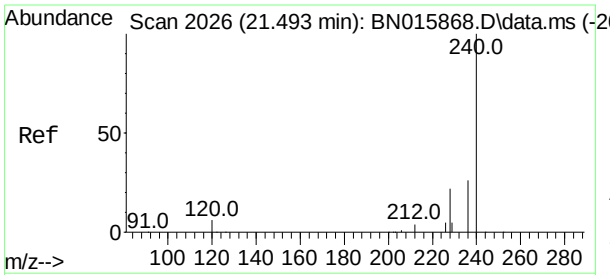
Tgt Ion:202 Resp: 357

Ion	Ratio	Lower	Upper
202	100		
101	0.0	6.8	10.2#
203	13.4	13.8	20.8#





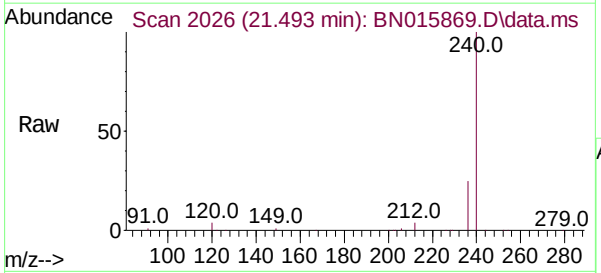


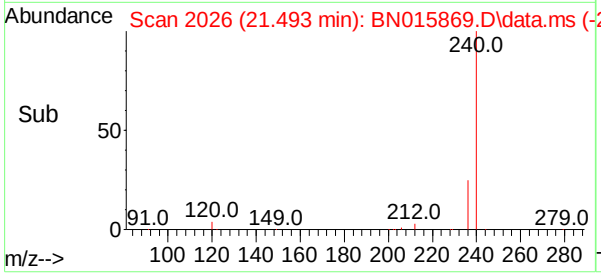


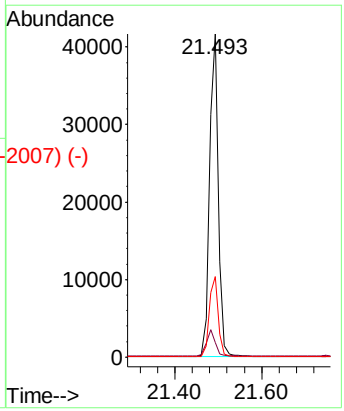
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.493 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BN015869.D
Acq: 13 Aug 2021 09:14

Tgt Ion:240 Resp: 59111

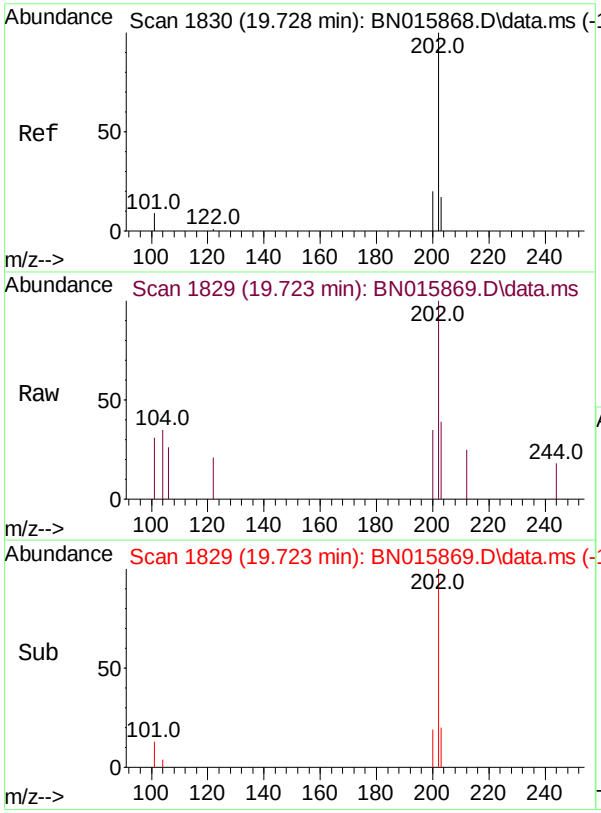
Ion	Ratio	Lower	Upper
240	100		
120	4.4	3.8	5.8
236	24.9	20.0	30.0







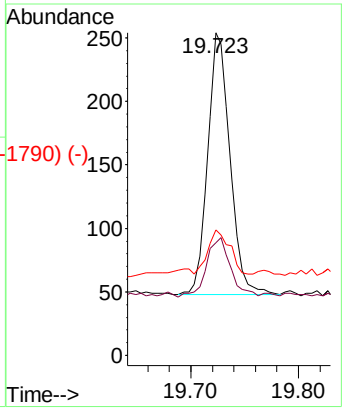
Instrument :
BNA_N
ClientSampleId :
PB138187BL

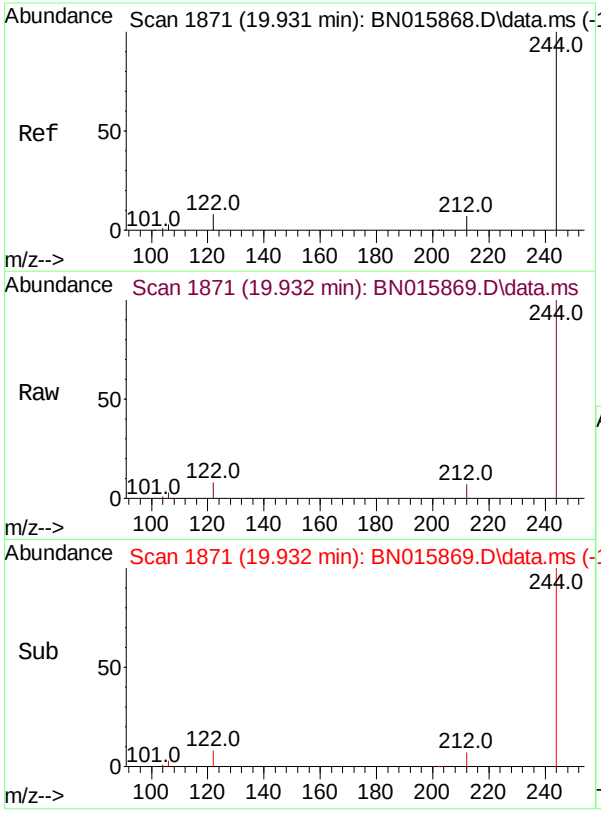


#30
Pyrene
Concen: 0.002 ng
RT: 19.723 min Scan# 1829
Delta R.T. -0.005 min
Lab File: BN015869.D
Acq: 13 Aug 2021 09:14

Tgt Ion:202 Resp: 295

Ion	Ratio	Lower	Upper
202	100		
200	24.7	16.2	24.2#
203	16.6	14.1	21.1

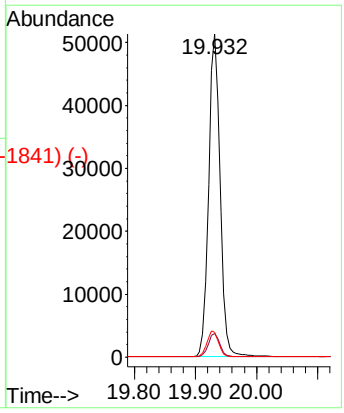




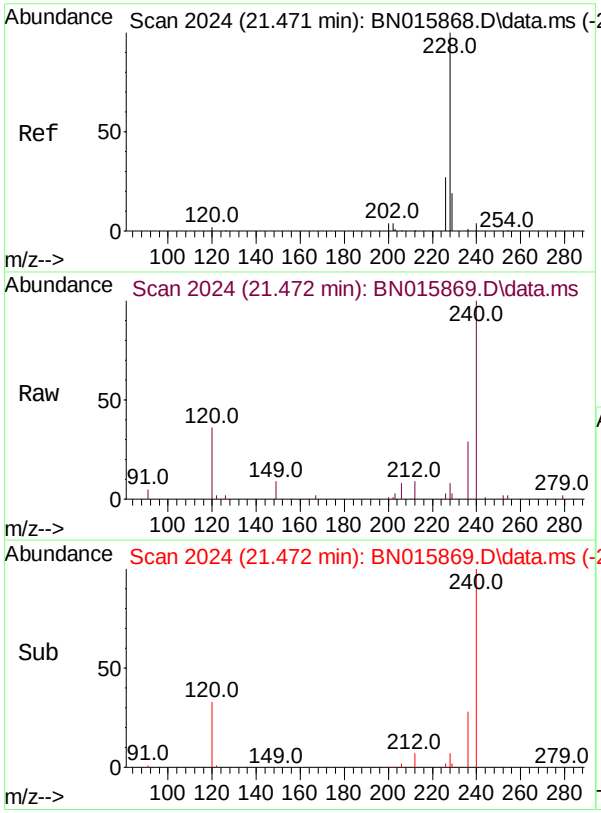
#31
Terphenyl-d14
Concen: 0.441 ng
RT: 19.932 min Scan# 1871
Delta R.T. 0.000 min
Lab File: BN015869.D
Acq: 13 Aug 2021 09:14

Tgt Ion:244 Resp: 74014

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	7.6	6.5	9.7



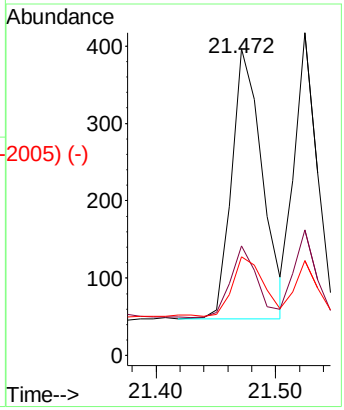
Instrument :
BNA_N
ClientSampleId :
PB138187BL

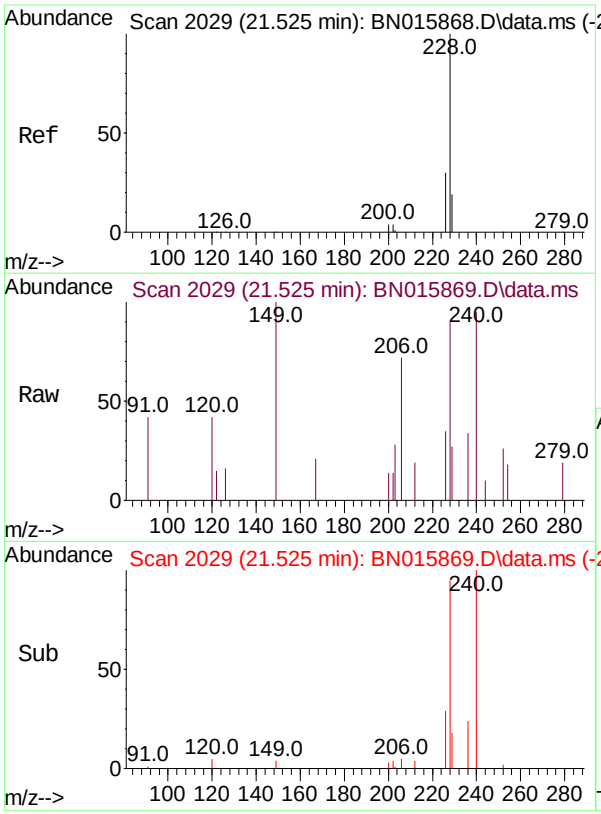


#32
Benzo(a)anthracene
Concen: 0.003 ng
RT: 21.472 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BN015869.D
Acq: 13 Aug 2021 09:14

Tgt Ion:228 Resp: 625

Ion	Ratio	Lower	Upper
228	100		
226	35.9	21.1	31.7#
229	32.3	15.7	23.5#

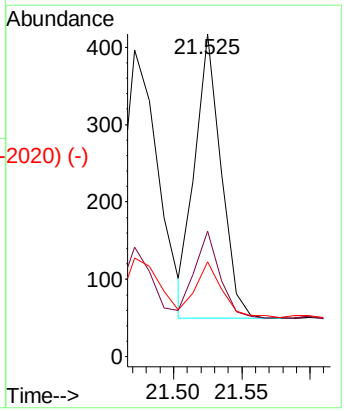




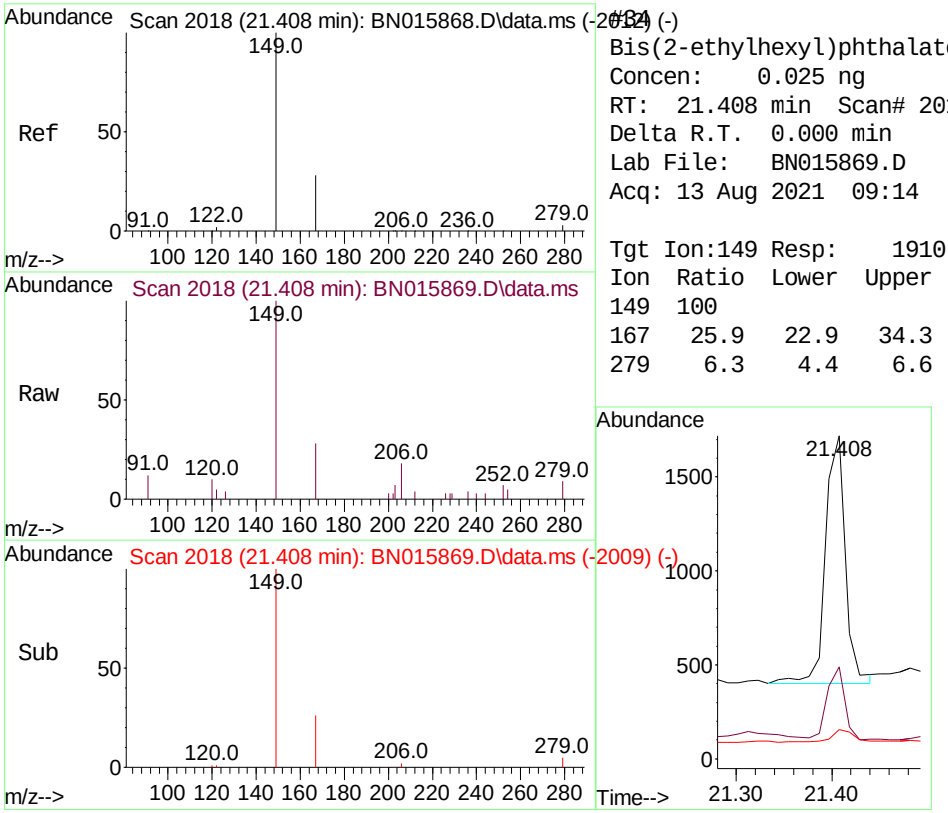
#33
Chrysene
Concen: 0.003 ng
RT: 21.525 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BN015869.D
Acq: 13 Aug 2021 09:14

Tgt Ion:228 Resp: 487

Ion	Ratio	Lower	Upper
228	100		
226	38.8	23.4	35.2#
229	29.5	15.8	23.6#



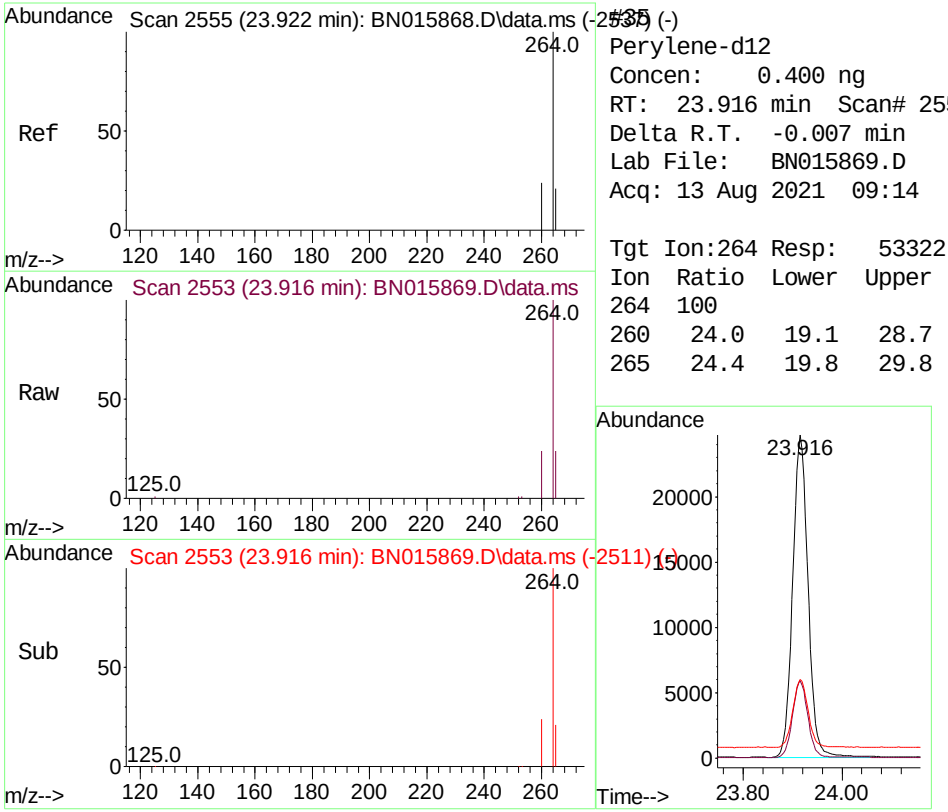
Instrument :
BNA_N
ClientSampleId :
PB138187BL



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.025 ng
RT: 21.408 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BN015869.D
Acq: 13 Aug 2021 09:14

Tgt Ion:149 Resp: 1910

Ion	Ratio	Lower	Upper
149	100		
167	25.9	22.9	34.3
279	6.3	4.4	6.6

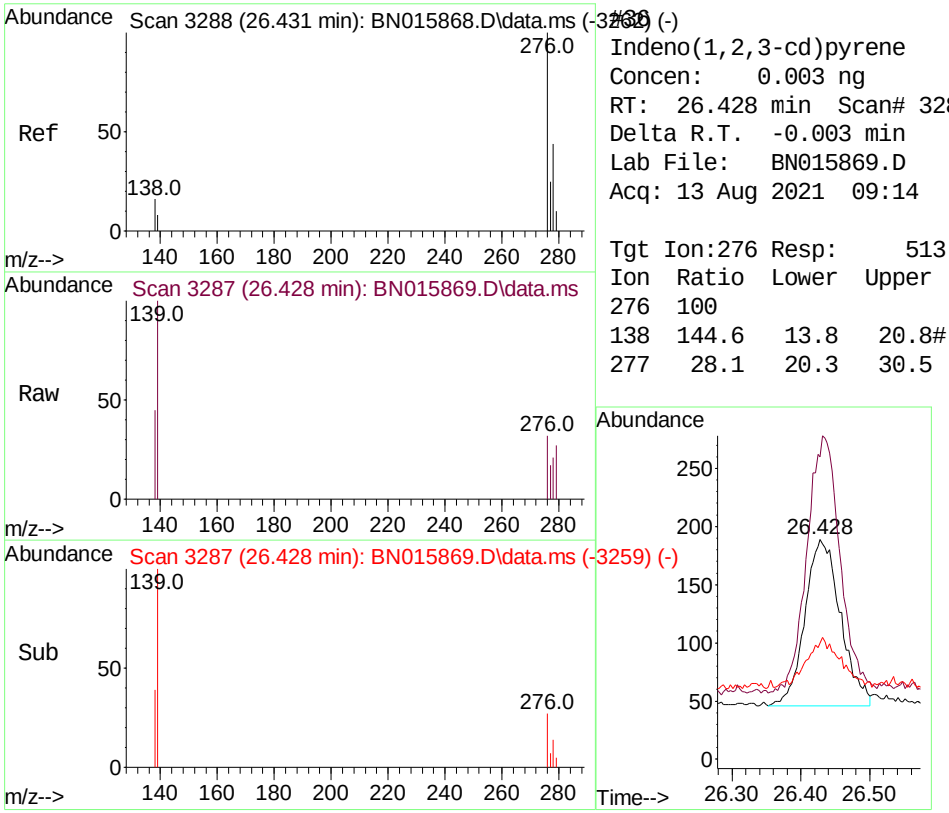


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.916 min Scan# 2553
Delta R.T. -0.007 min
Lab File: BN015869.D
Acq: 13 Aug 2021 09:14

Tgt Ion:264 Resp: 53322

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.1	28.7
265	24.4	19.8	29.8

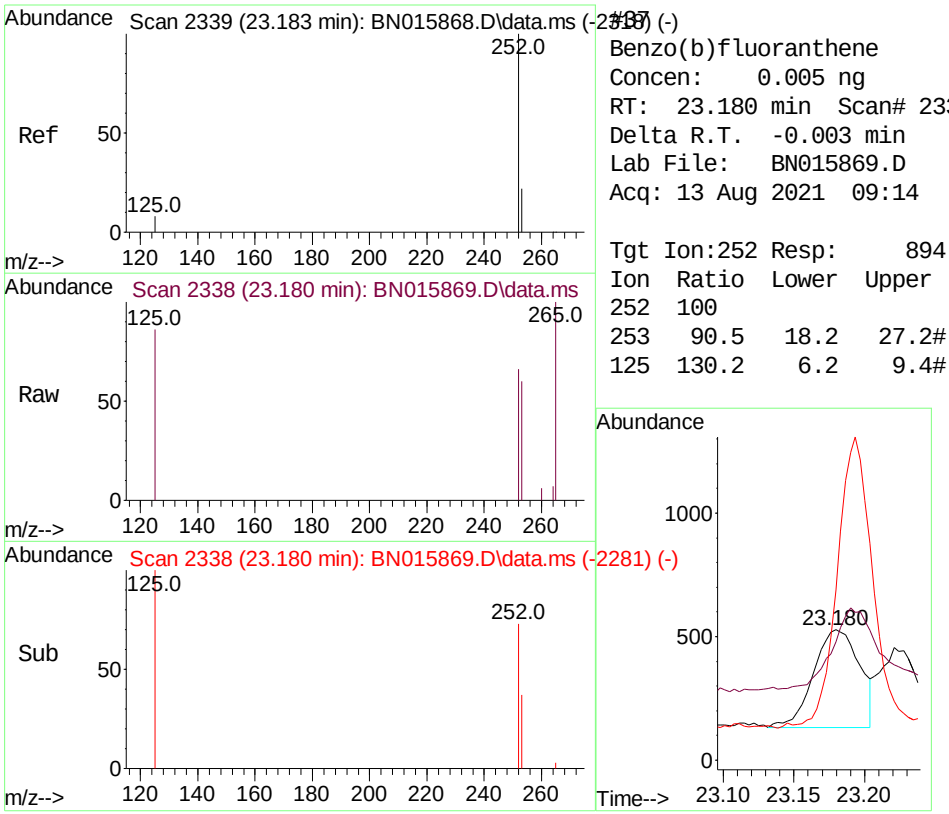
Instrument :
BNA_N
ClientSampleId :
PB138187BL



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.003 ng
RT: 26.428 min Scan# 3287
Delta R.T. -0.003 min
Lab File: BN015869.D
Acq: 13 Aug 2021 09:14

Tgt Ion:276 Resp: 513

Ion	Ratio	Lower	Upper
276	100		
138	144.6	13.8	20.8#
277	28.1	20.3	30.5

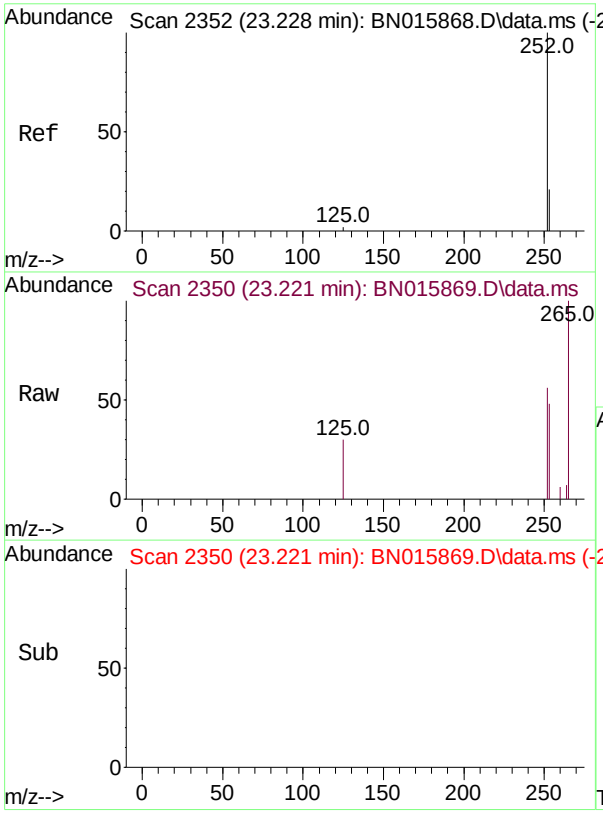


#37
Benzo(b)fluoranthene
Concen: 0.005 ng
RT: 23.180 min Scan# 2338
Delta R.T. -0.003 min
Lab File: BN015869.D
Acq: 13 Aug 2021 09:14

Tgt Ion:252 Resp: 894

Ion	Ratio	Lower	Upper
252	100		
253	90.5	18.2	27.2#
125	130.2	6.2	9.4#

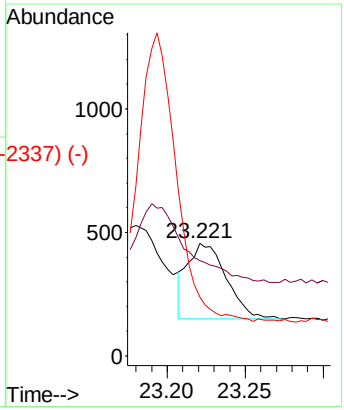
Instrument :
BNA_N
ClientSampleId :
PB138187BL

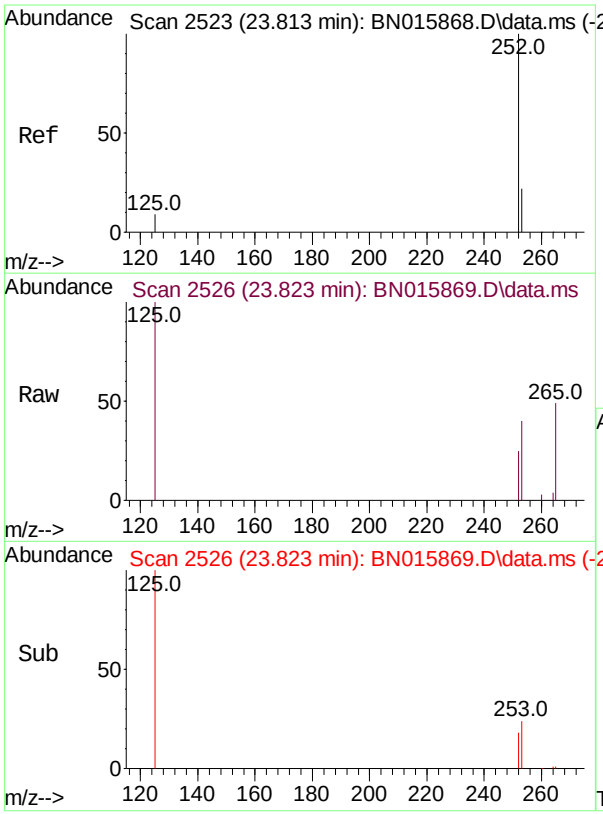


#38
Benzo(k)fluoranthene
Concen: 0.003 ng
RT: 23.221 min Scan# 2350
Delta R.T. -0.007 min
Lab File: BN015869.D
Acq: 13 Aug 2021 09:14

Tgt Ion:252 Resp: 528

Ion	Ratio	Lower	Upper
252	100		
253	84.5	18.1	27.1#
125	52.3	5.6	8.4#

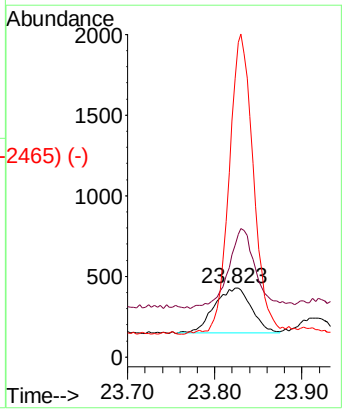




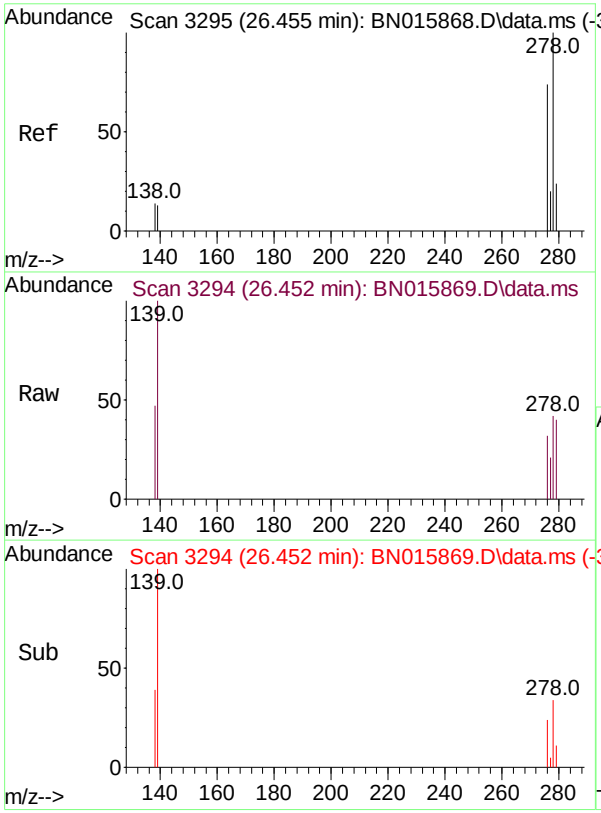
#39
Benzo(a)pyrene
Concen: 0.005 ng
RT: 23.823 min Scan# 2526
Delta R.T. 0.010 min
Lab File: BN015869.D
Acq: 13 Aug 2021 09:14

Tgt Ion:252 Resp: 831

Ion	Ratio	Lower	Upper
252	100		
253	162.4	18.6	27.8#
125	403.0	7.3	10.9#



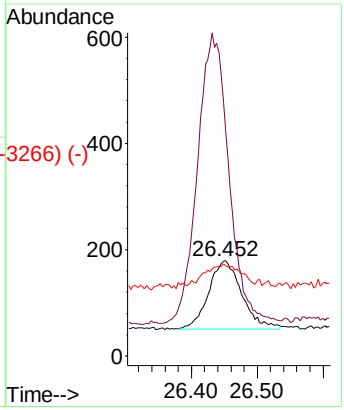
Instrument :
BNA_N
ClientSampleId :
PB138187BL

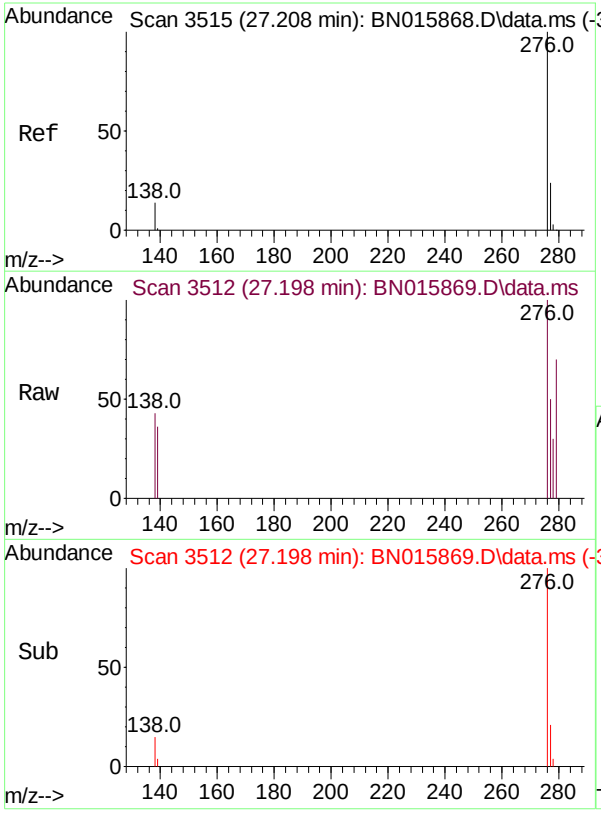


#40
Dibenzo(a,h)anthracene
Concen: 0.003 ng
RT: 26.452 min Scan# 3294
Delta R.T. -0.003 min
Lab File: BN015869.D
Acq: 13 Aug 2021 09:14

Tgt Ion:278 Resp: 450

Ion	Ratio	Lower	Upper
278	100		
139	239.1	10.2	15.2#
279	95.0	19.5	29.3#





#41
Benzo(g,h,i)perylene
Concen: 0.003 ng
RT: 27.198 min Scan# 3512
Delta R.T. -0.010 min
Lab File: BN015869.D
Acq: 13 Aug 2021 09:14

Tgt Ion:276 Resp: 490

Ion	Ratio	Lower	Upper
276	100		
277	49.7	19.5	29.3#
138	42.9	11.8	17.8#