Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081321\
Data File : BN015872.D
Acq On : 13 Aug 2021 13:00
Operator : CG/JU
Sample : PB138188BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB138188BL

Quant Time: Aug 13 13:34:10 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 10:59:04 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.928	152	10000	0.400	ng		0.00
7) Naphthalene-d8	10.723	136	48014	0.400	ng	#	0.00
13) Acenaphthene-d10	14.560	164	27176	0.400	ng		0.01
19) Phenanthrene-d10	17.310	188	56593	0.400	ng	#	0.01
29) Chrysene-d12	21.503	240	61150	0.400	ng		0.01
35) Perylene-d12	23.933	264	54747	0.400	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.494	112	8886	0.360	ng		0.00
5) Phenol-d6	7.080	99	11801	0.351	ng		0.00
8) Nitrobenzene-d5	9.076	82	14873	0.371	ng		0.00
11) 2-Methylnaphthalene-d10	12.314	152	32784	0.424	ng		0.00
14) 2,4,6-Tribromophenol	16.044	330	2984	0.249	ng		0.00
15) 2-Fluorobiphenyl	13.190	172	43361	0.405	ng		0.01
27) Fluoranthene-d10	19.341	212	75521	0.433	ng		0.00
31) Terphenyl-d14	19.937	244	79874	0.460	ng		0.00
Target Compounds							Qvalue
6) bis(2-Chloroethyl)ether	7.375	93	5	0.000	ng	#	38
9) Naphthalene	10.774	128	135	0.001	ng	#	1
10) Hexachlorobutadiene	11.066	225	1	0.000	ng	#	1
12) 2-Methylnaphthalene	12.385	142	42	0.000	ng	#	62
16) Acenaphthylene	14.269	152	22	0.000	ng	#	76
17) Acenaphthene	14.624	154	16	0.000	ng		91
18) Fluorene	15.601	166	40	0.000	ng	#	58
20) 4,6-Dinitro-2-methylph...	15.690	198	2	0.000	ng	#	1
21) 4-Bromophenyl-phenylether	16.494	248	4	0.000	ng	#	67
22) Hexachlorobenzene	16.616	284	15	0.000	ng	#	16
23) Atrazine	16.762	200	9	0.000	ng	#	4
24) Pentachlorophenol	16.981	266	22	0.002	ng	#	19
25) Phenanthrene	17.346	178	161	0.001	ng	#	68
26) Anthracene	17.443	178	66	0.000	ng	#	75
28) Fluoranthene	19.371	202	362	0.002	ng	#	87
30) Pyrene	19.733	202	300	0.002	ng	#	92
32) Benzo(a)anthracene	21.482	228	679	0.004	ng	#	82
33) Chrysene	21.535	228	529	0.003	ng	#	83
34) Bis(2-ethylhexyl)phtha...	21.419	149	1218	0.015	ng		97
36) Indeno(1,2,3-cd)pyrene	26.449	276	525	0.003	ng	#	1
37) Benzo(b)fluoranthene	23.197	252	942	0.005	ng	#	1
38) Benzo(k)fluoranthene	23.235	252	525	0.003	ng	#	1
39) Benzo(a)pyrene	23.840	252	872	0.005	ng	#	1
40) Dibenzo(a,h)anthracene	26.473	278	460	0.003	ng	#	1
41) Benzo(g,h,i)perylene	27.219	276	497	0.003	ng	#	39

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

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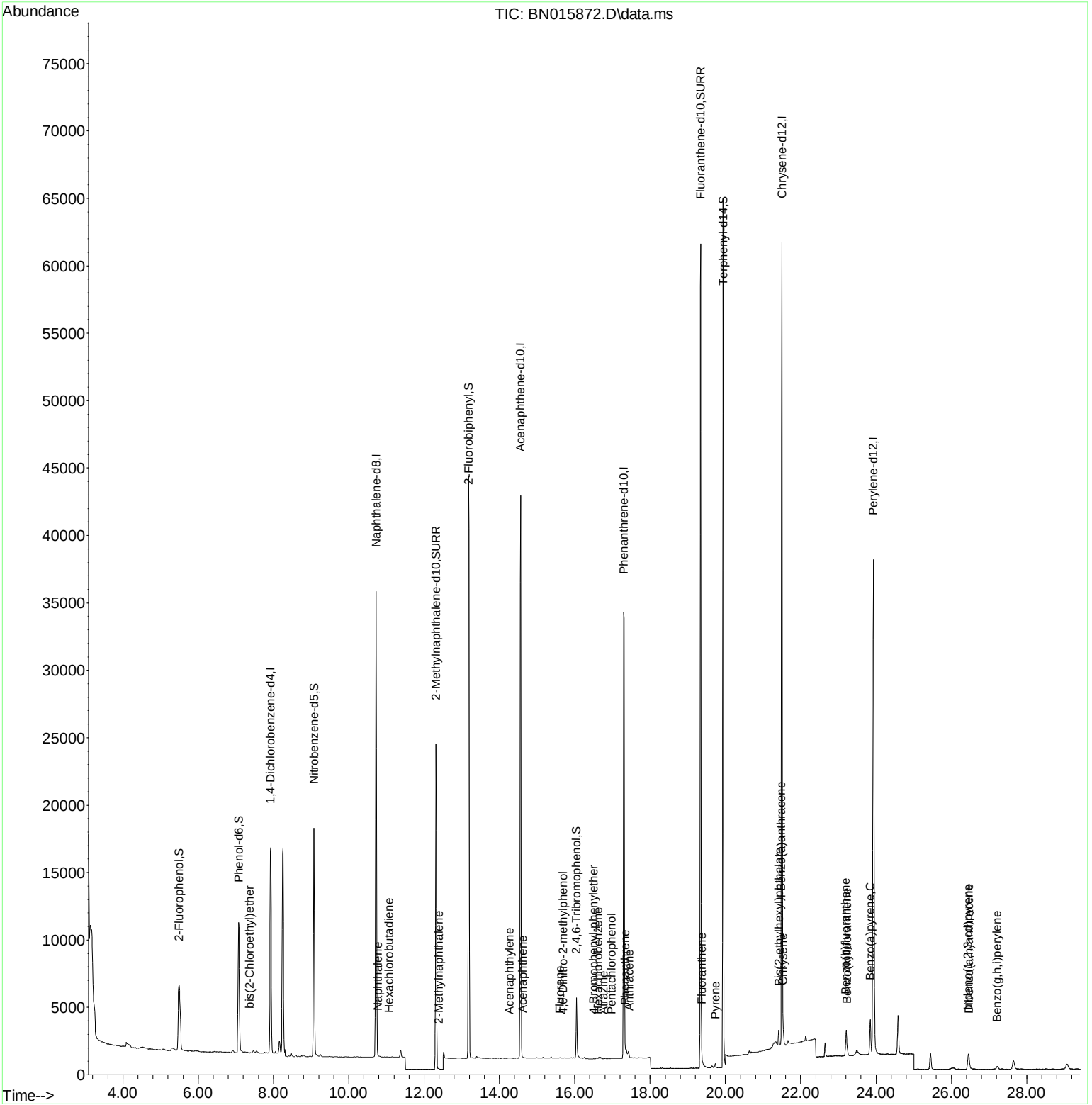
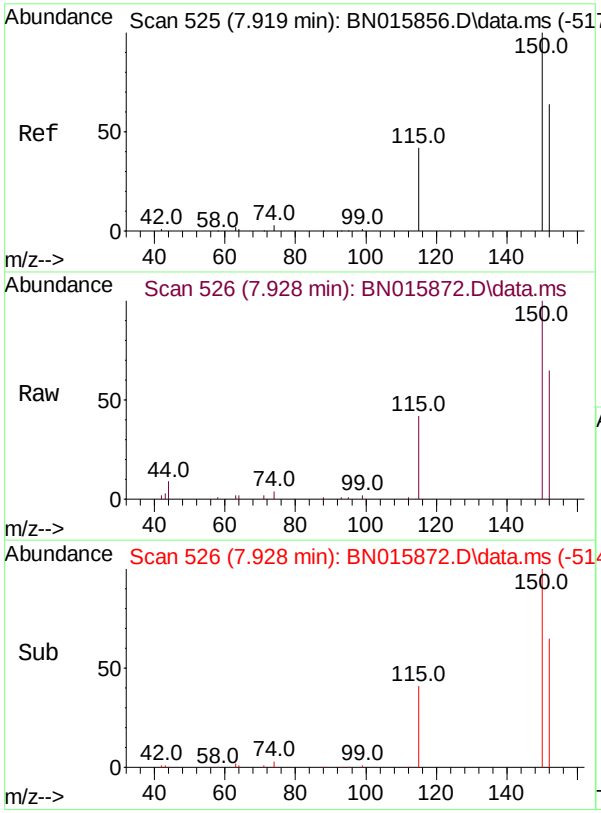
Instrument :
BNA_N
ClientSampleId :
PB138188BL

Quant Time: Aug 13 13:34:10 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 10:59:04 2021
Response via : Initial Calibration



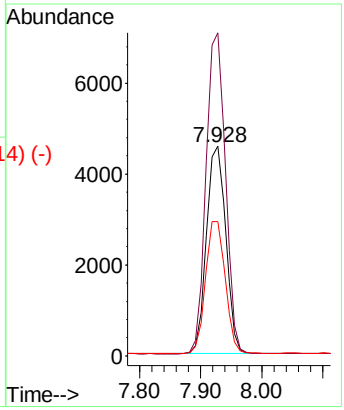
Instrument :
BNA_N
ClientSampleId :
PB138188BL

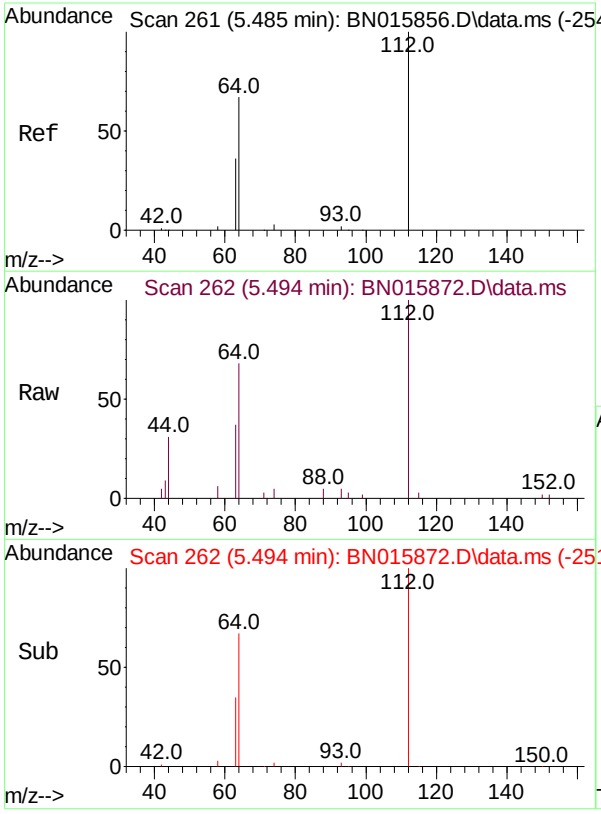


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.928 min Scan# 526
Delta R.T. 0.009 min
Lab File: BN015872.D
Acq: 13 Aug 2021 13:00

Tgt Ion:152 Resp: 10000

Ion	Ratio	Lower	Upper
152	100		
150	154.1	125.8	188.8
115	64.2	53.6	80.4

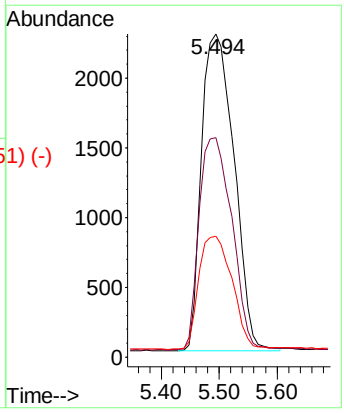




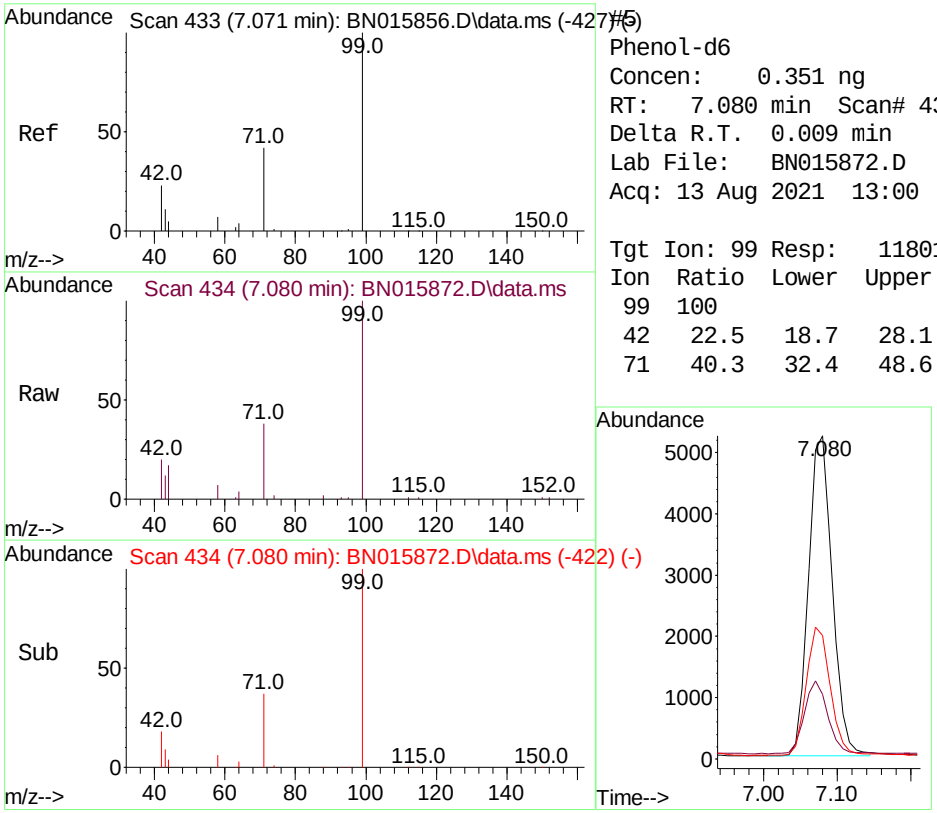
#4
2-Fluorophenol
Concen: 0.360 ng
RT: 5.494 min Scan# 262
Delta R.T. 0.000 min
Lab File: BN015872.D
Acq: 13 Aug 2021 13:00

Tgt Ion:112 Resp: 8886

Ion	Ratio	Lower	Upper
112	100		
64	67.2	53.3	79.9
63	36.3	28.6	42.8



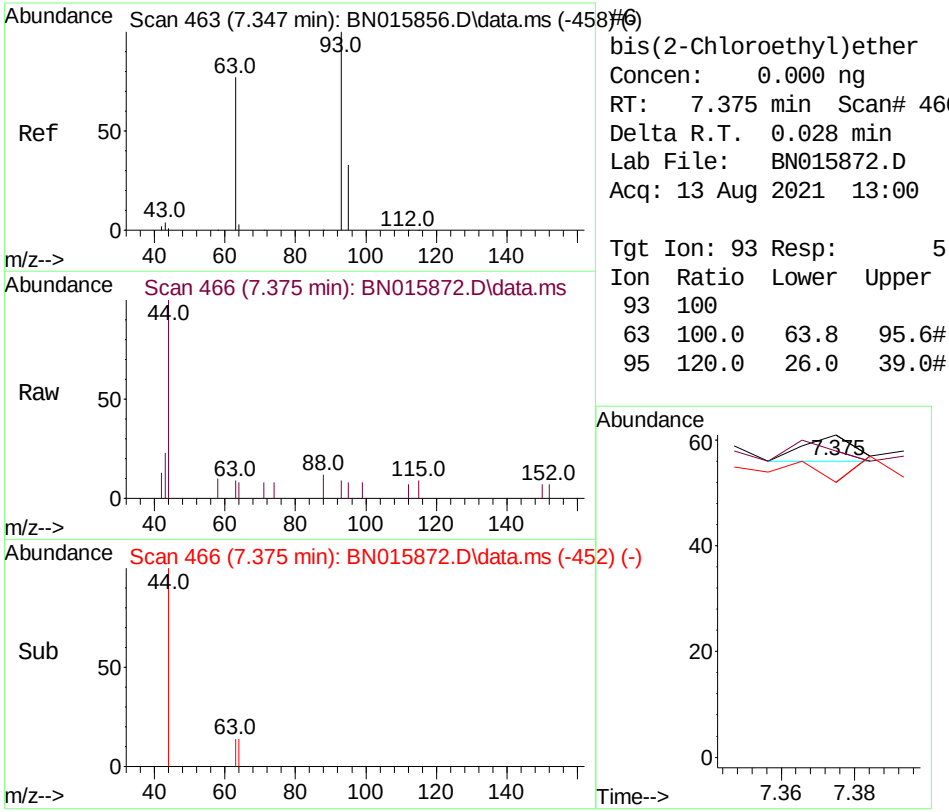
Instrument :
BNA_N
ClientSampleId :
PB138188BL



#5
Phenol-d6
Concen: 0.351 ng
RT: 7.080 min Scan# 434
Delta R.T. 0.009 min
Lab File: BN015872.D
Acq: 13 Aug 2021 13:00

Tgt Ion: 99 Resp: 11801

Ion	Ratio	Lower	Upper
99	100		
42	22.5	18.7	28.1
71	40.3	32.4	48.6

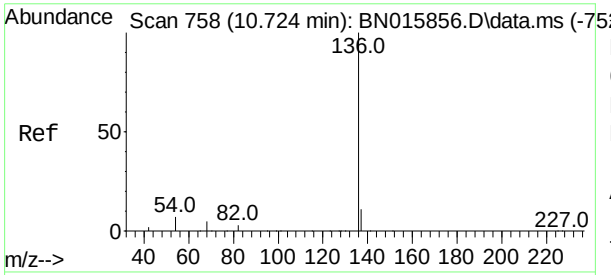


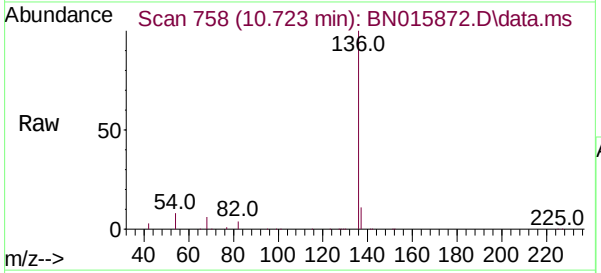
#6
bis(2-Chloroethyl)ether
Concen: 0.000 ng
RT: 7.375 min Scan# 466
Delta R.T. 0.028 min
Lab File: BN015872.D
Acq: 13 Aug 2021 13:00

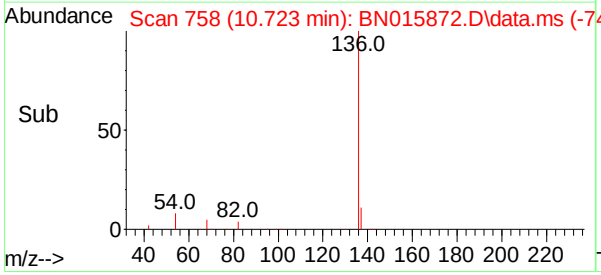
Tgt Ion: 93 Resp: 5

Ion	Ratio	Lower	Upper
93	100		
63	100.0	63.8	95.6#
95	120.0	26.0	39.0#

Instrument :
BNA_N
ClientSampleId :
PB138188BL



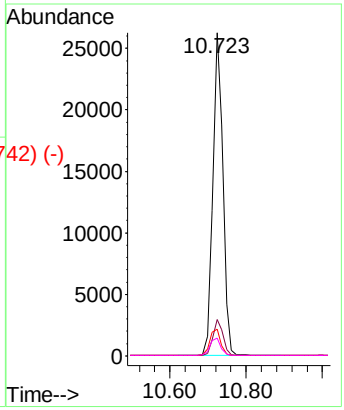


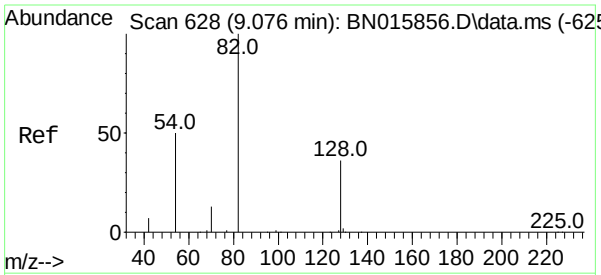


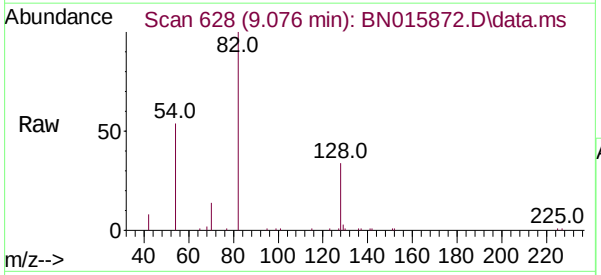
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.723 min Scan# 758
Delta R.T. 0.000 min
Lab File: BN015872.D
Acq: 13 Aug 2021 13:00

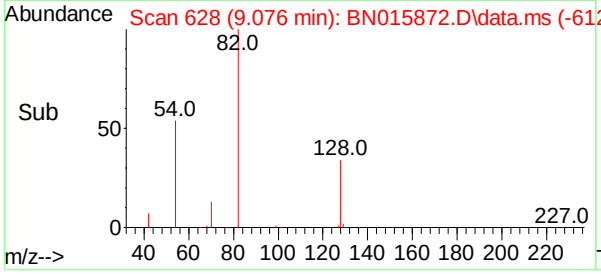
Tgt Ion:136 Resp: 48014

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	8.2	5.4	8.2#
68	5.6	3.8	5.8





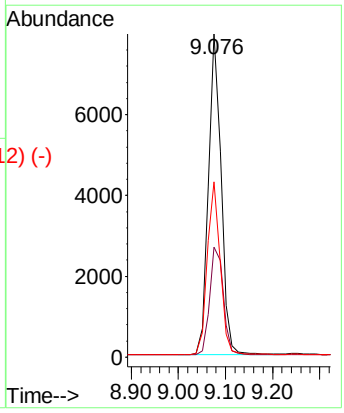




#8
Nitrobenzene-d5
Concen: 0.371 ng
RT: 9.076 min Scan# 628
Delta R.T. 0.000 min
Lab File: BN015872.D
Acq: 13 Aug 2021 13:00

Tgt Ion: 82 Resp: 14873

Ion	Ratio	Lower	Upper
82	100		
128	34.0	29.2	43.8
54	54.3	41.1	61.7



Instrument :
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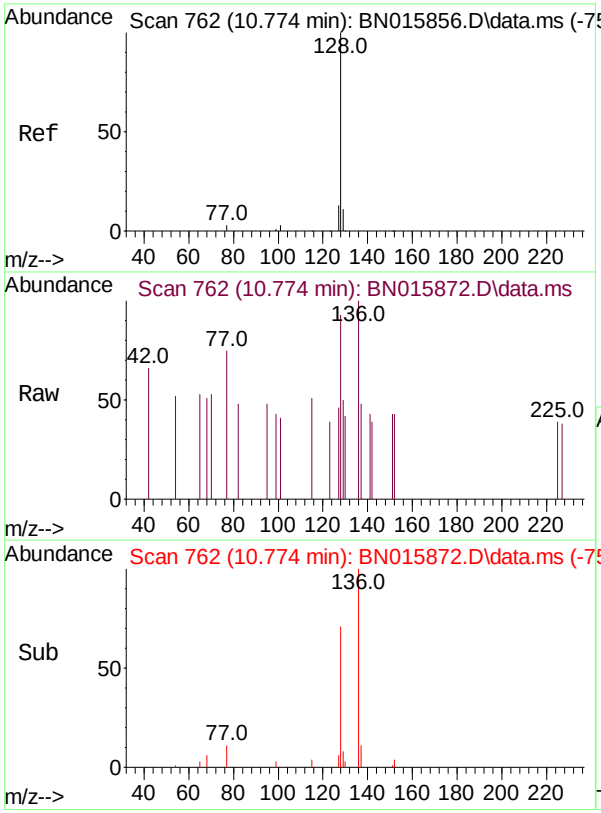
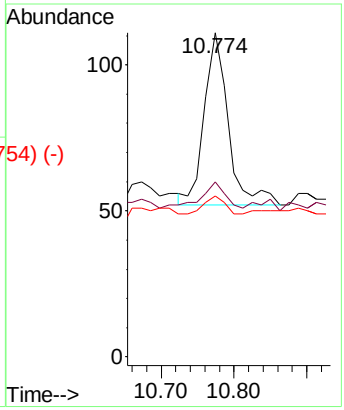
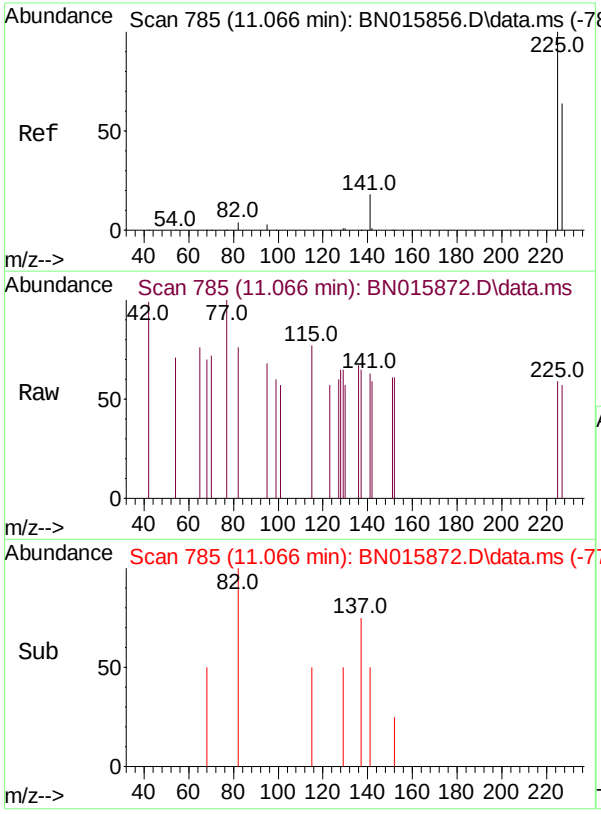


#9
Naphthalene
Concen: 0.001 ng
RT: 10.774 min Scan# 762
Delta R.T. 0.000 min
Lab File: BN015872.D
Acq: 13 Aug 2021 13:00

Tgt Ion:128 Resp: 135

Ion	Ratio	Lower	Upper
128	100		
129	54.1	8.8	13.2#
127	49.5	10.5	15.7#

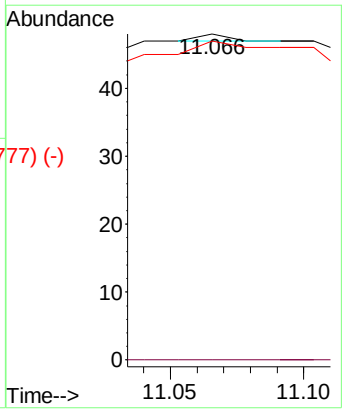




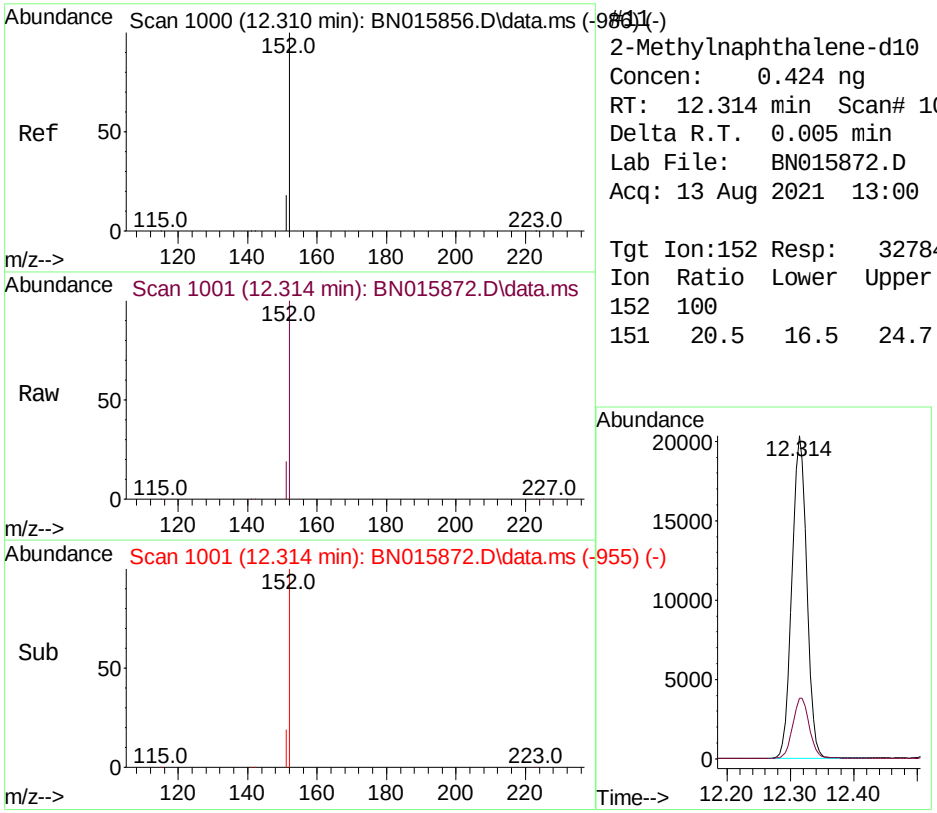
#10
Hexachlorobutadiene
Concen: 0.000 ng
RT: 11.066 min Scan# 785
Delta R.T. 0.000 min
Lab File: BN015872.D
Acq: 13 Aug 2021 13:00

Tgt Ion:225 Resp: 1

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	400.0	51.4	77.0#



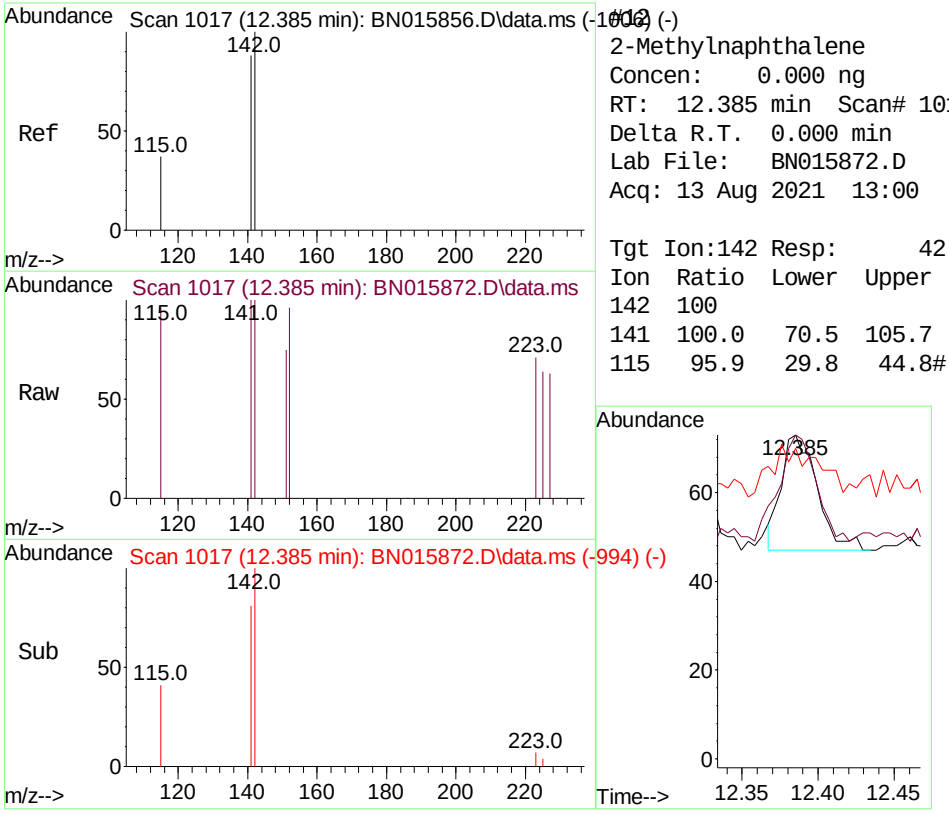
Instrument :
BNA_N
ClientSampleId :
PB138188BL



#11
2-Methylnaphthalene-d10
Concen: 0.424 ng
RT: 12.314 min Scan# 1001
Delta R.T. 0.005 min
Lab File: BN015872.D
Acq: 13 Aug 2021 13:00

Tgt Ion:152 Resp: 32784

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.5	24.7

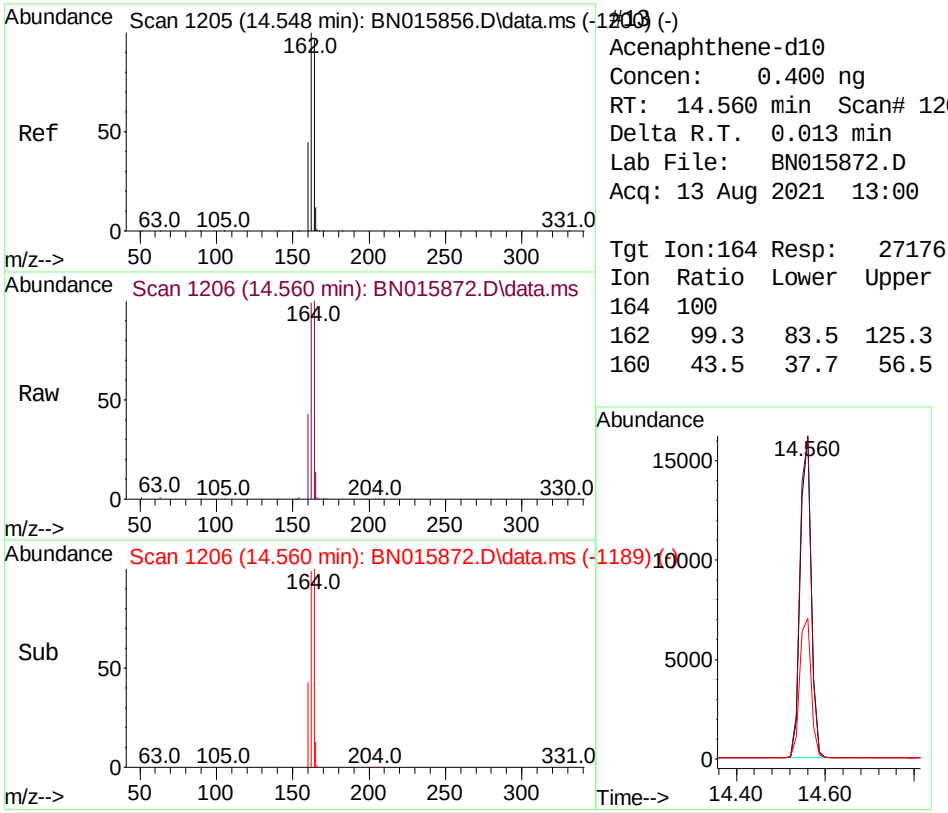


#12
2-Methylnaphthalene
Concen: 0.000 ng
RT: 12.385 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BN015872.D
Acq: 13 Aug 2021 13:00

Tgt Ion:142 Resp: 42

Ion	Ratio	Lower	Upper
142	100		
141	100.0	70.5	105.7
115	95.9	29.8	44.8#

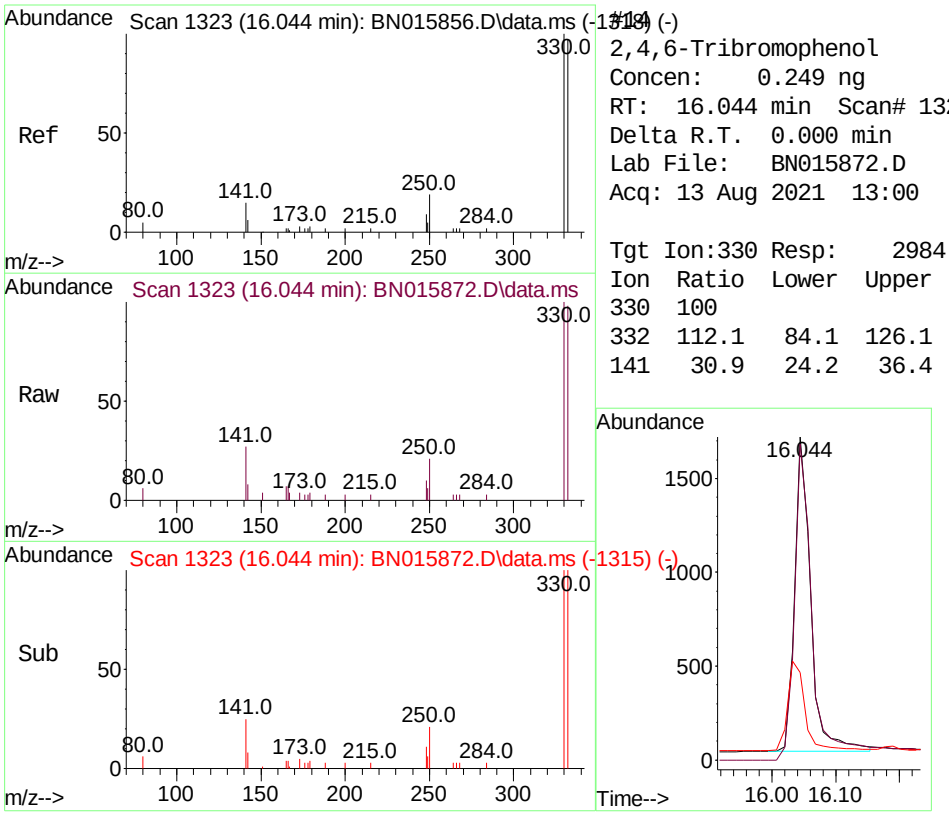
Instrument :
BNA_N
ClientSampleId :
PB138188BL



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.560 min Scan# 1206
Delta R.T. 0.013 min
Lab File: BN015872.D
Acq: 13 Aug 2021 13:00

Tgt Ion:164 Resp: 27176

Ion	Ratio	Lower	Upper
164	100		
162	99.3	83.5	125.3
160	43.5	37.7	56.5

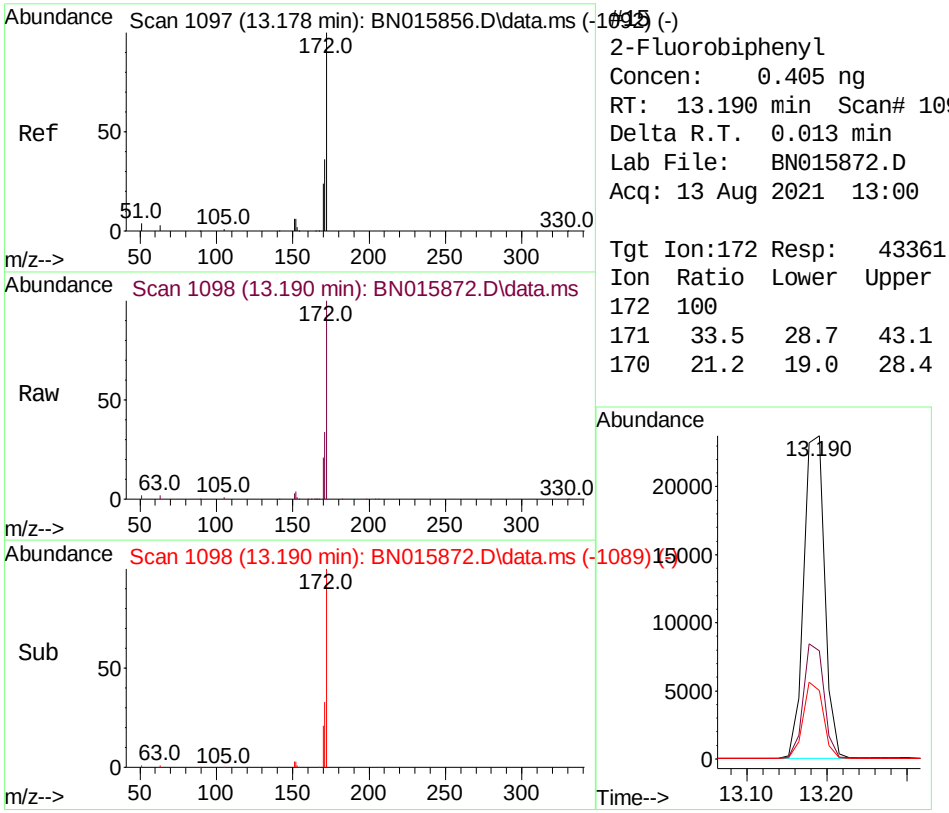


#14
2,4,6-Tribromophenol
Concen: 0.249 ng
RT: 16.044 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BN015872.D
Acq: 13 Aug 2021 13:00

Tgt Ion:330 Resp: 2984

Ion	Ratio	Lower	Upper
330	100		
332	112.1	84.1	126.1
141	30.9	24.2	36.4

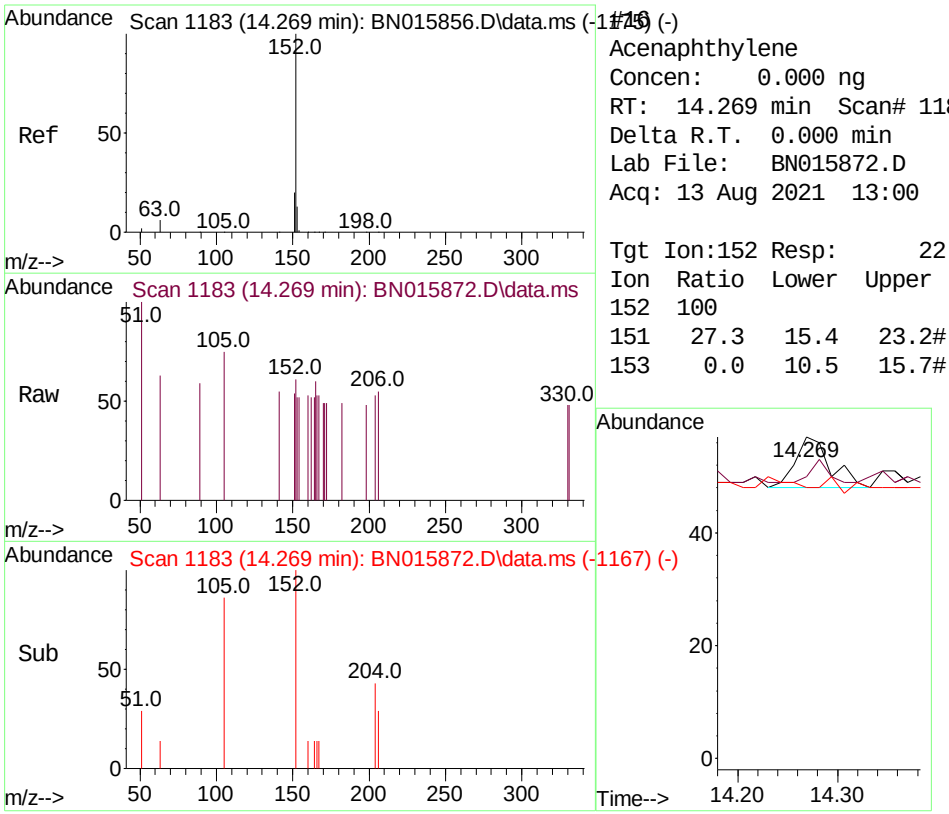
Instrument :
BNA_N
ClientSampleId :
PB138188BL



2-Fluorobiphenyl
Concen: 0.405 ng
RT: 13.190 min Scan# 1098
Delta R.T. 0.013 min
Lab File: BN015872.D
Acq: 13 Aug 2021 13:00

Tgt Ion:172 Resp: 43361

Ion	Ratio	Lower	Upper
172	100		
171	33.5	28.7	43.1
170	21.2	19.0	28.4



Acenaphthylene
Concen: 0.000 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN015872.D
Acq: 13 Aug 2021 13:00

Tgt Ion:152 Resp: 22

Ion	Ratio	Lower	Upper
152	100		
151	27.3	15.4	23.2#
153	0.0	10.5	15.7#

Instrument :
BNA_N
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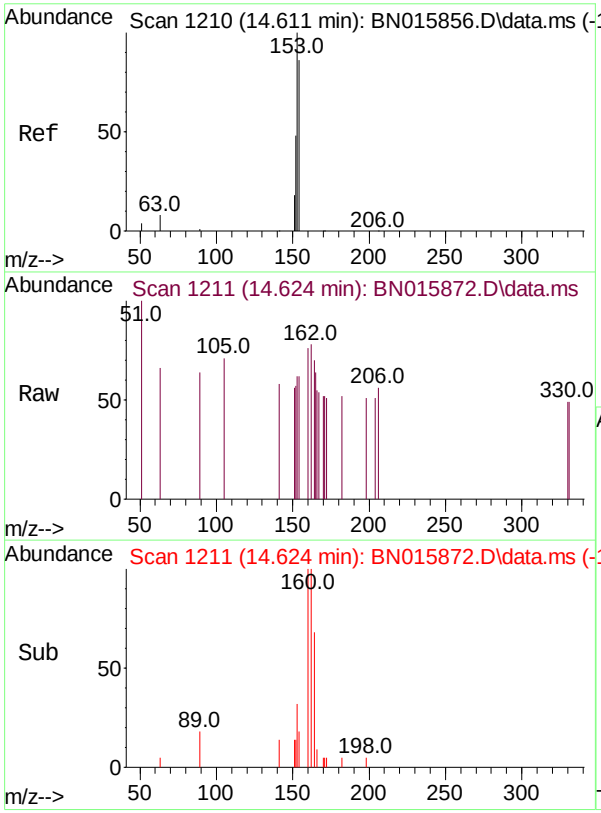
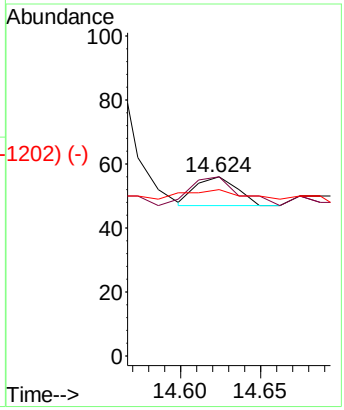
PB138188BL

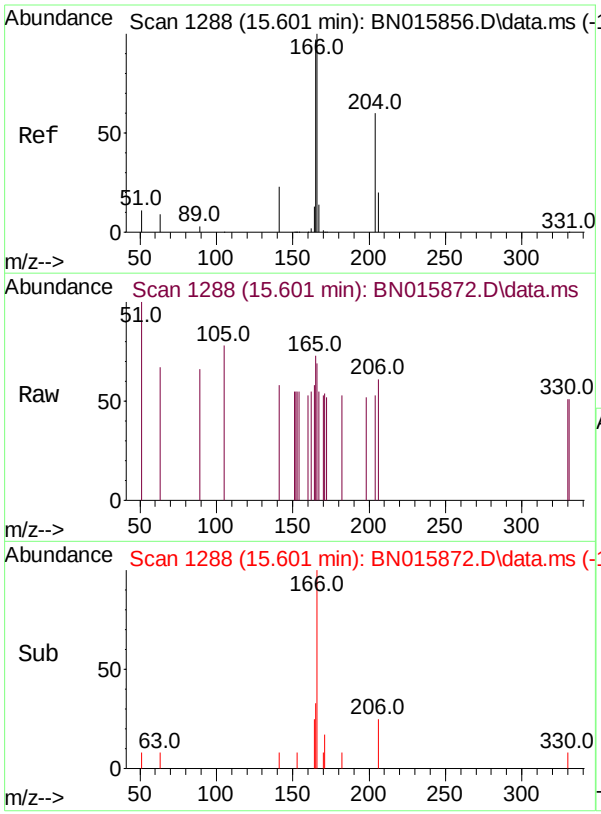


#17
Acenaphthene
Concen: 0.000 ng
RT: 14.624 min Scan# 1211
Delta R.T. 0.013 min
Lab File: BN015872.D
Acq: 13 Aug 2021 13:00

Tgt Ion:154 Resp: 16

Ion	Ratio	Lower	Upper
154	100		
153	118.8	90.1	135.1
152	43.8	43.5	65.3

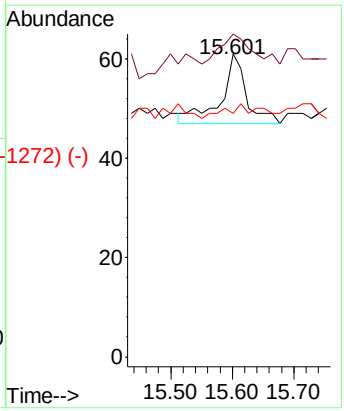




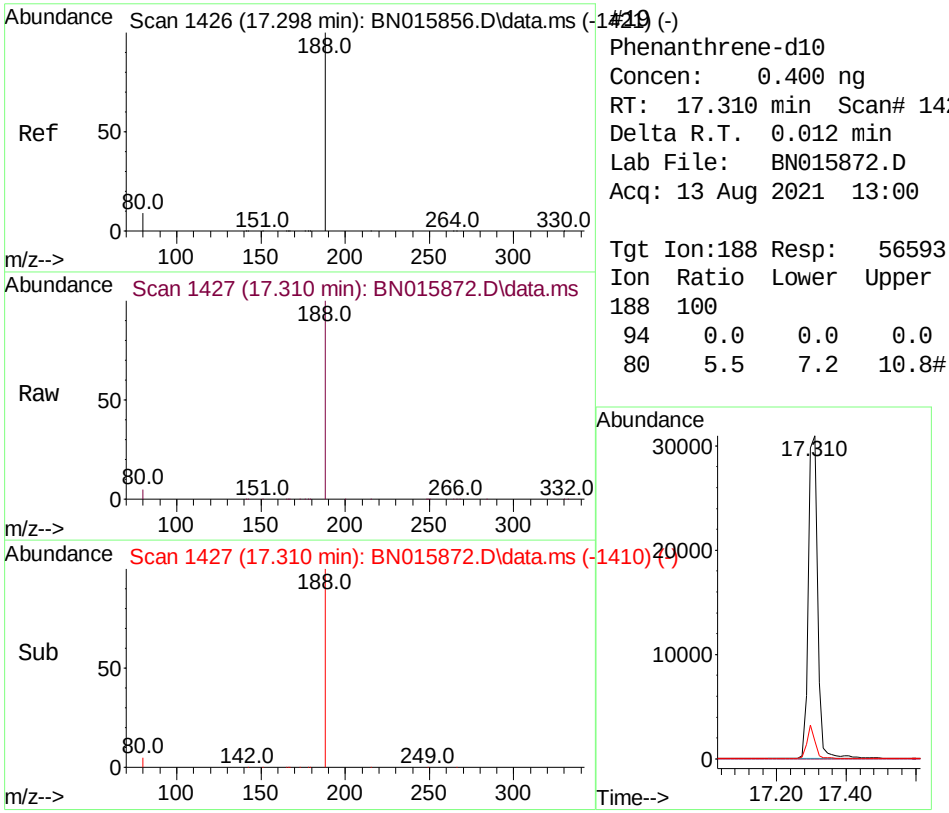
#18
Fluorene
Concen: 0.000 ng
RT: 15.601 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BN015872.D
Acq: 13 Aug 2021 13:00

Tgt Ion:166 Resp: 40

Ion	Ratio	Lower	Upper
166	100		
165	55.0	77.8	116.6#
167	27.5	11.0	16.4#



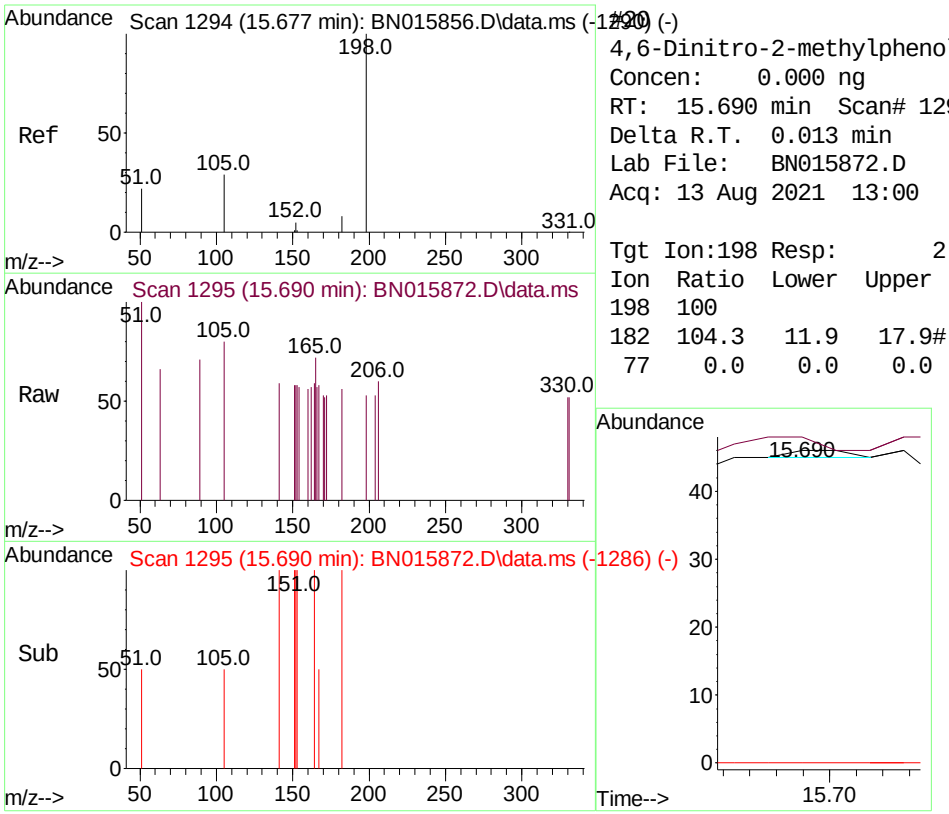
Instrument :
BNA_N
ClientSampleId :
PB138188BL



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.310 min Scan# 1427
Delta R.T. 0.012 min
Lab File: BN015872.D
Acq: 13 Aug 2021 13:00

Tgt Ion:188 Resp: 56593

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.5	7.2	10.8#

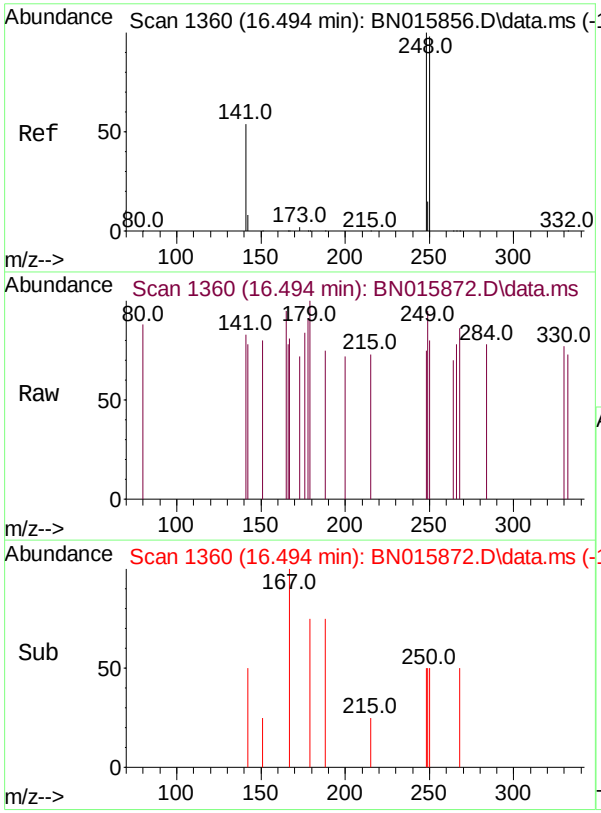


#20
4,6-Dinitro-2-methylphenol
Concen: 0.000 ng
RT: 15.690 min Scan# 1295
Delta R.T. 0.013 min
Lab File: BN015872.D
Acq: 13 Aug 2021 13:00

Tgt Ion:198 Resp: 2

Ion	Ratio	Lower	Upper
198	100		
182	104.3	11.9	17.9#
77	0.0	0.0	0.0

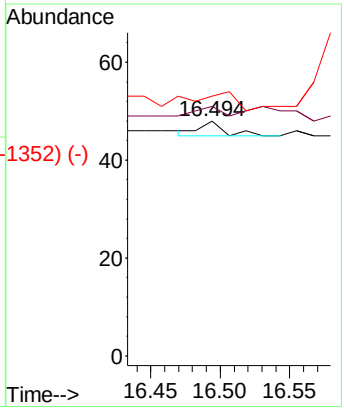
Instrument :
BNA_N
ClientSampleId :
PB138188BL

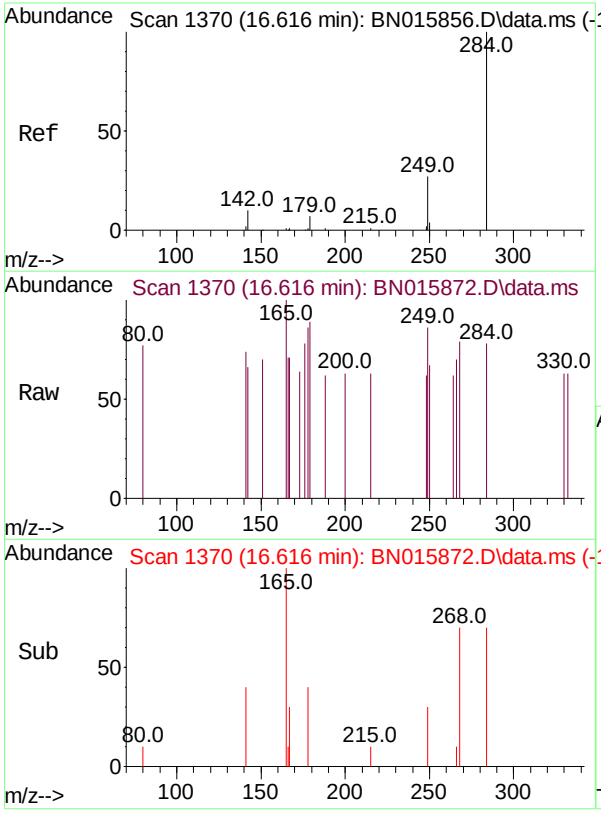


#21
4-Bromophenyl-phenylether
Concen: 0.000 ng
RT: 16.494 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BN015872.D
Acq: 13 Aug 2021 13:00

Tgt Ion:248 Resp: 4

Ion	Ratio	Lower	Upper
248	100		
250	106.3	78.6	118.0
141	110.4	43.4	65.2#

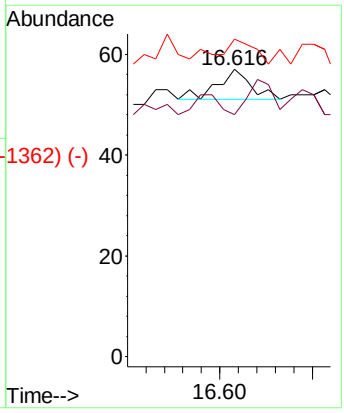




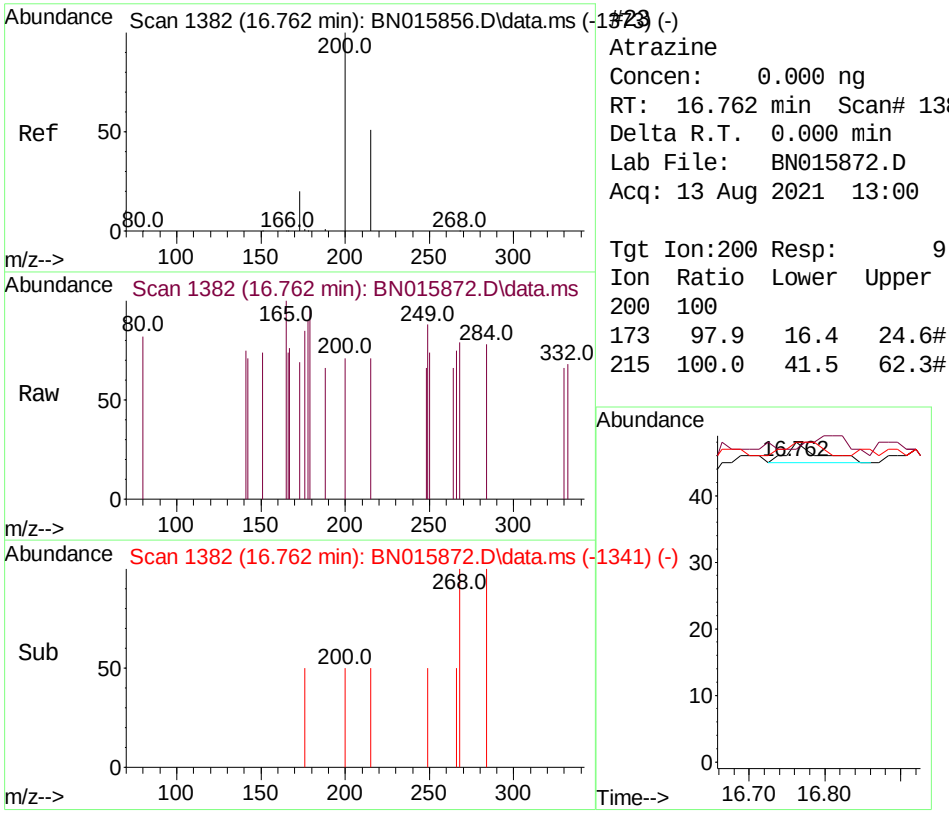
#22
Hexachlorobenzene
Concen: 0.000 ng
RT: 16.616 min Scan# 1370
Delta R.T. 0.000 min
Lab File: BN015872.D
Acq: 13 Aug 2021 13:00

Tgt Ion:284 Resp: 15

Ion	Ratio	Lower	Upper
284	100		
142	0.0	22.6	34.0#
249	93.3	25.2	37.8#



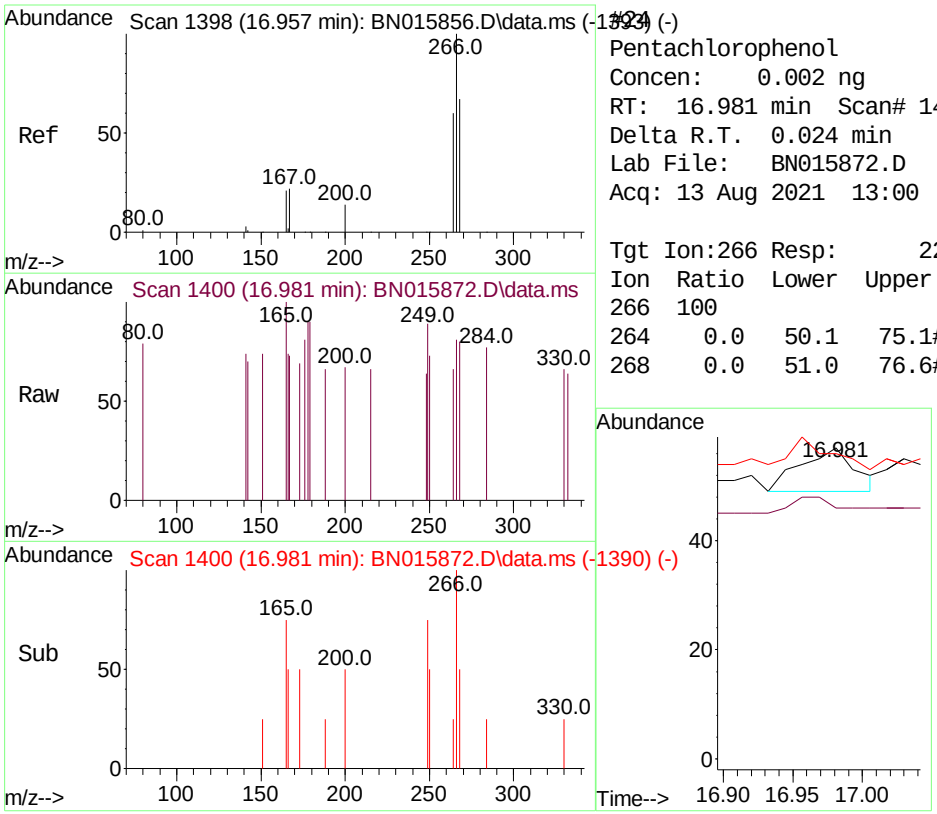
Instrument :
BNA_N
ClientSampleId :
PB138188BL



#23
Atrazine
Concen: 0.000 ng
RT: 16.762 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BN015872.D
Acq: 13 Aug 2021 13:00

Tgt Ion:200 Resp: 9

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

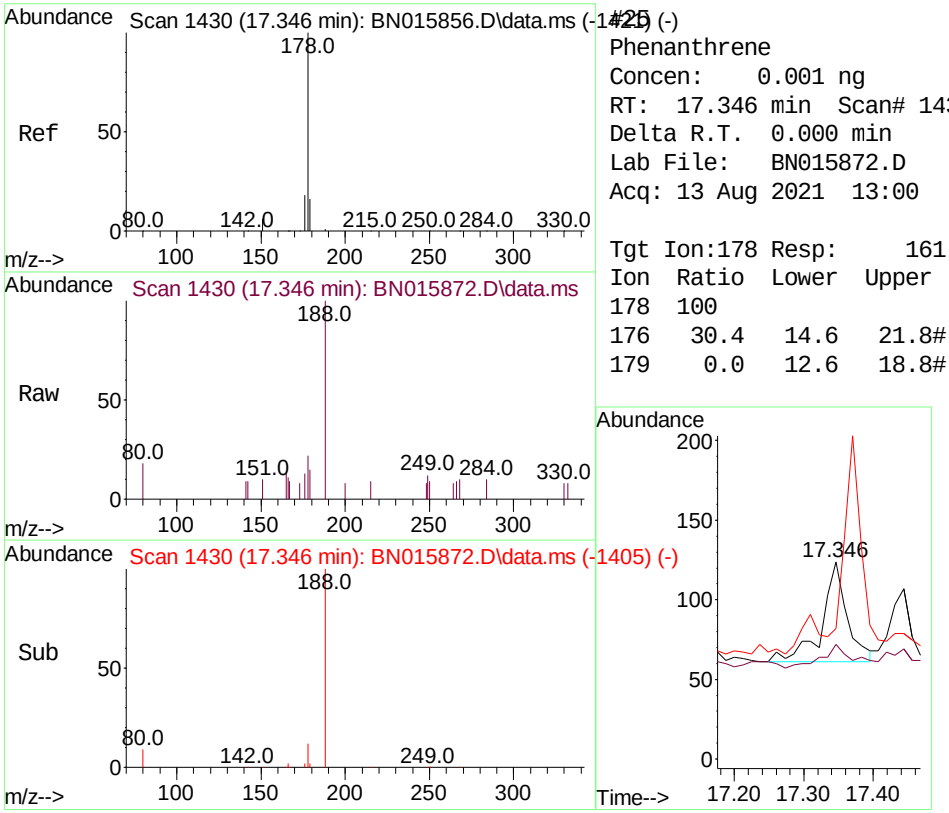


#24
Pentachlorophenol
Concen: 0.002 ng
RT: 16.981 min Scan# 1400
Delta R.T. 0.024 min
Lab File: BN015872.D
Acq: 13 Aug 2021 13:00

Tgt Ion:266 Resp: 22

Ion	Ratio	Lower	Upper
266	100		
264	0.0	50.1	75.1#
268	0.0	51.0	76.6#

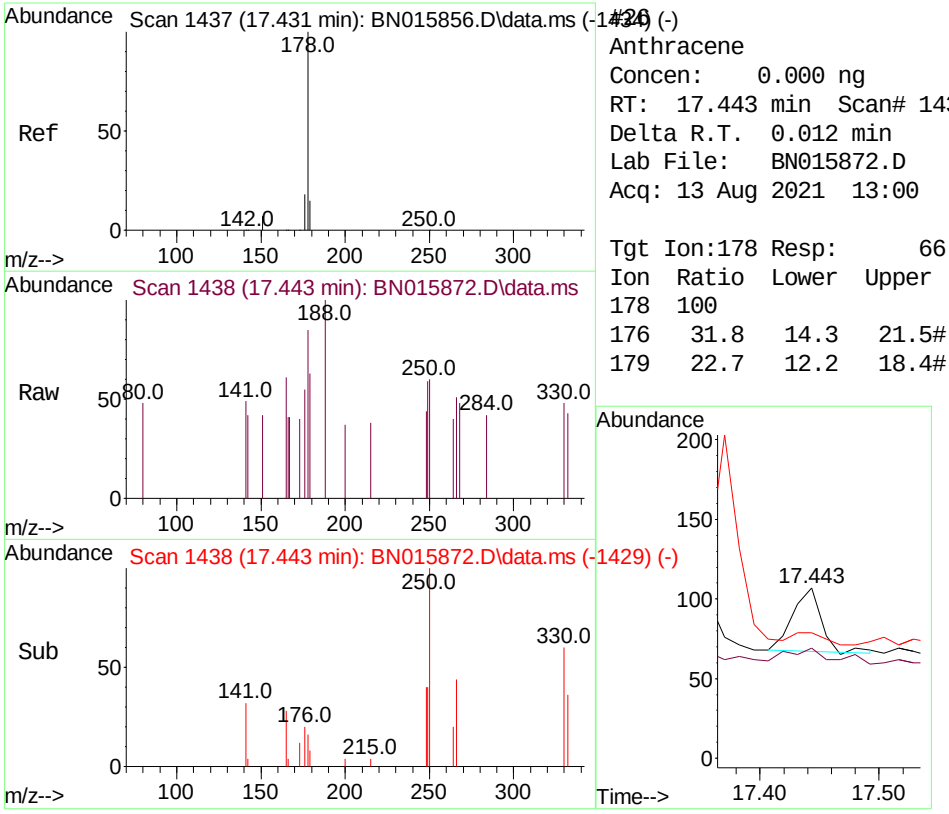
Instrument :
BNA_N
ClientSampleId :
PB138188BL



#25
Phenanthrene
Concen: 0.001 ng
RT: 17.346 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BN015872.D
Acq: 13 Aug 2021 13:00

Tgt Ion:178 Resp: 161

Ion	Ratio	Lower	Upper
178	100		
176	30.4	14.6	21.8#
179	0.0	12.6	18.8#

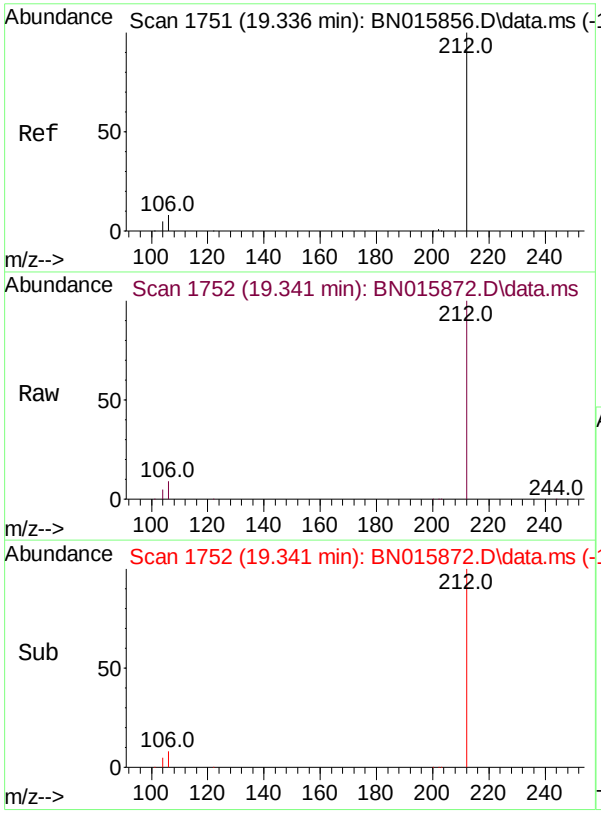


#26
Anthracene
Concen: 0.000 ng
RT: 17.443 min Scan# 1438
Delta R.T. 0.012 min
Lab File: BN015872.D
Acq: 13 Aug 2021 13:00

Tgt Ion:178 Resp: 66

Ion	Ratio	Lower	Upper
178	100		
176	31.8	14.3	21.5#
179	22.7	12.2	18.4#

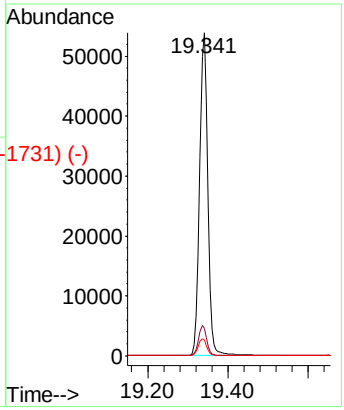
Instrument :
BNA_N
ClientSampleId :
PB138188BL

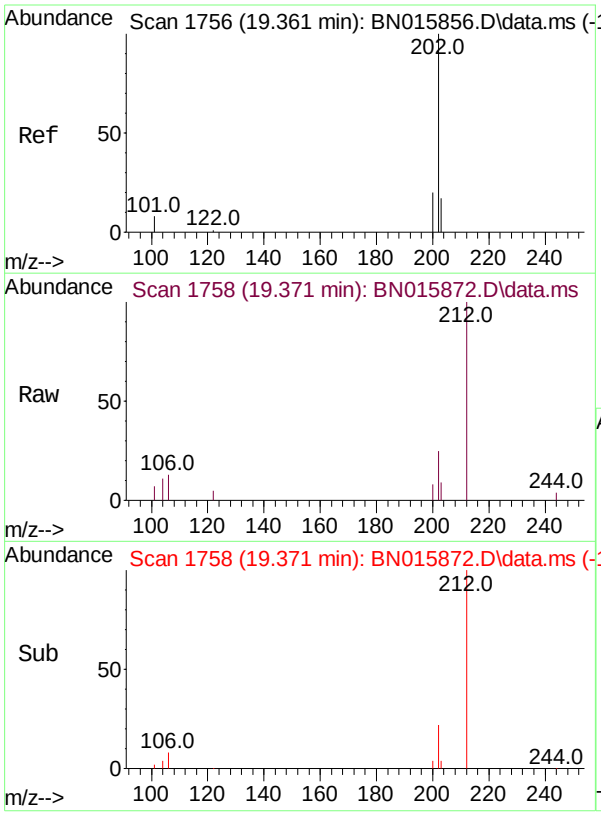


#27
Fluoranthene-d10
Concen: 0.433 ng
RT: 19.341 min Scan# 1752
Delta R.T. 0.005 min
Lab File: BN015872.D
Acq: 13 Aug 2021 13:00

Tgt Ion:212 Resp: 75521

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

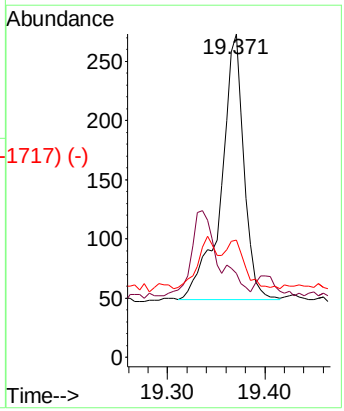




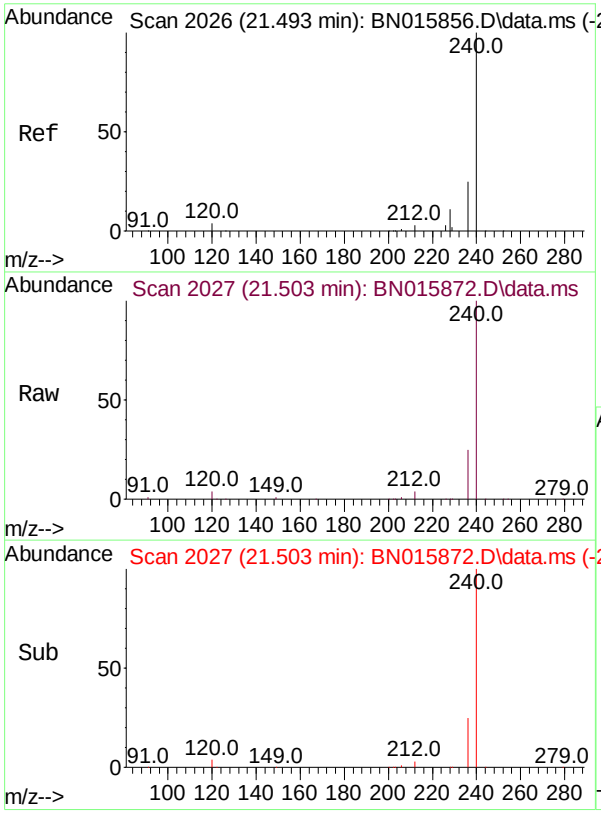
#28
Fluoranthene
Concen: 0.002 ng
RT: 19.371 min Scan# 1758
Delta R.T. 0.005 min
Lab File: BN015872.D
Acq: 13 Aug 2021 13:00

Tgt Ion:202 Resp: 362

Ion	Ratio	Lower	Upper
202	100		
101	0.0	6.8	10.2#
203	14.1	13.8	20.8



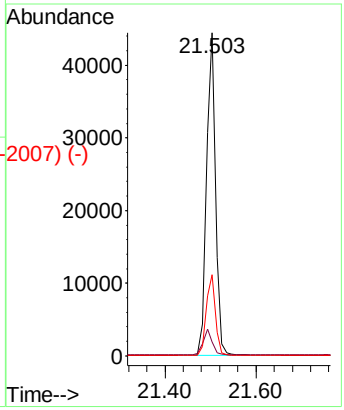
Instrument :
BNA_N
ClientSampleId :
PB138188BL

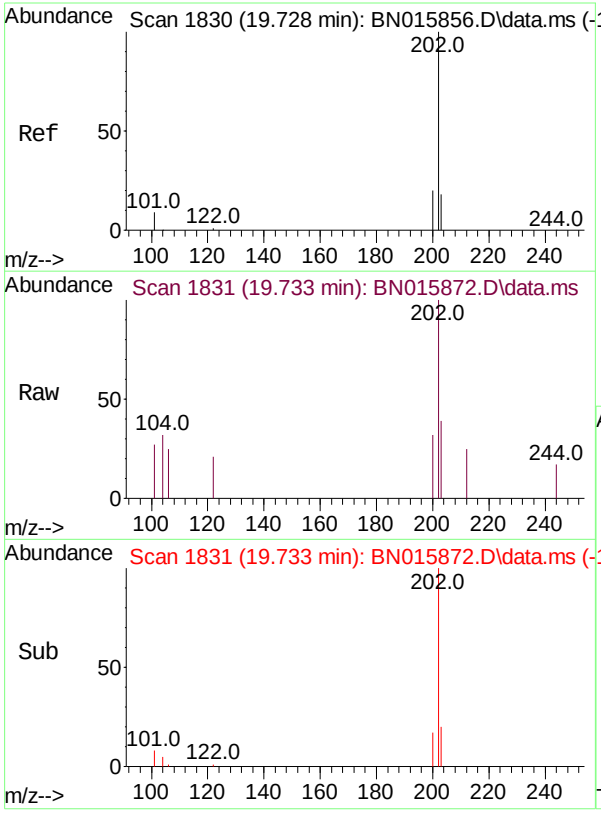


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.503 min Scan# 2027
Delta R.T. 0.011 min
Lab File: BN015872.D
Acq: 13 Aug 2021 13:00

Tgt Ion:240 Resp: 61150

Ion	Ratio	Lower	Upper
240	100		
120	4.4	3.8	5.8
236	25.1	20.0	30.0

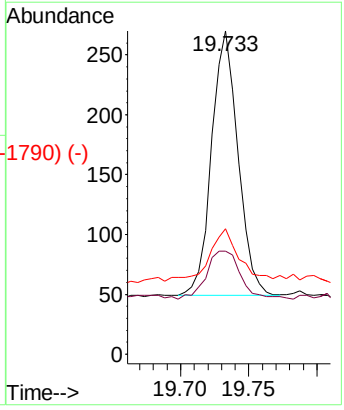




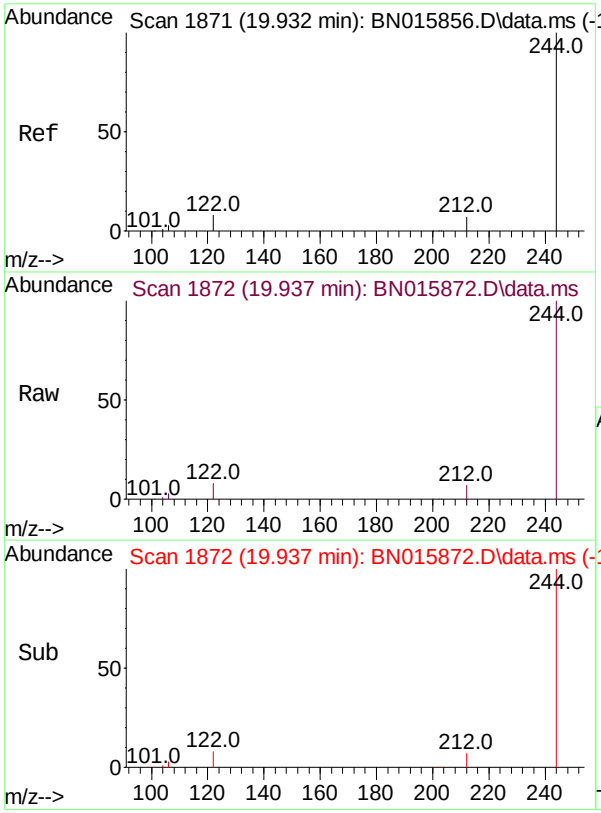
#30
Pyrene
Concen: 0.002 ng
RT: 19.733 min Scan# 1831
Delta R.T. 0.005 min
Lab File: BN015872.D
Acq: 13 Aug 2021 13:00

Tgt Ion:202 Resp: 300

Ion	Ratio	Lower	Upper
202	100		
200	23.3	16.2	24.2
203	22.0	14.1	21.1#



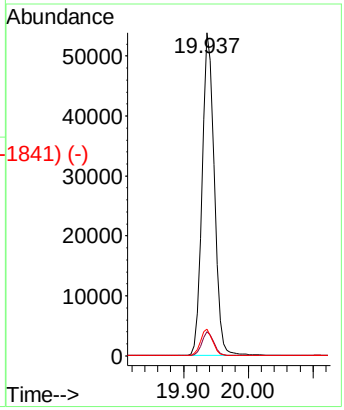
Instrument :
BNA_N
ClientSampleId :
PB138188BL

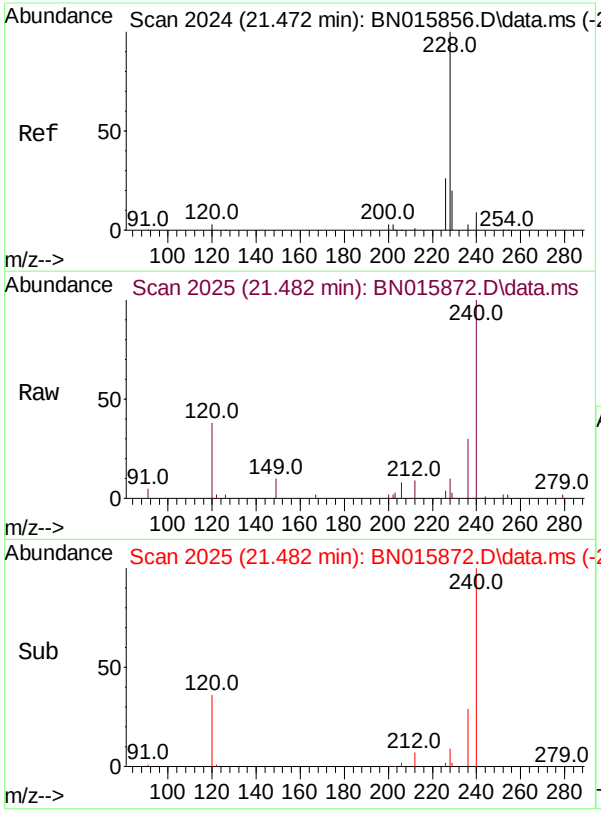


#32
Terphenyl-d14
Concen: 0.460 ng
RT: 19.937 min Scan# 1872
Delta R.T. 0.005 min
Lab File: BN015872.D
Acq: 13 Aug 2021 13:00

Tgt Ion:244 Resp: 79874

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	8.2	6.5	9.7

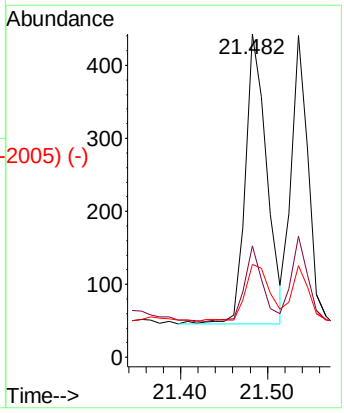




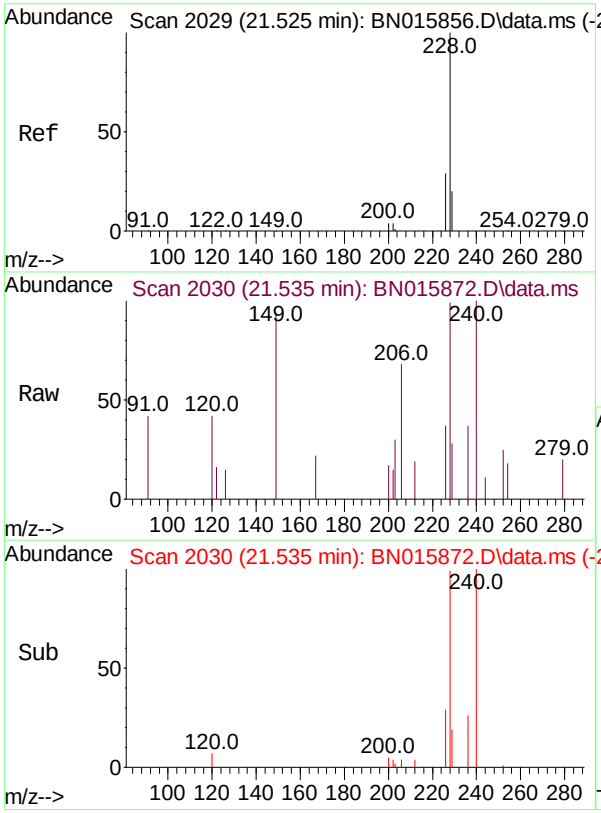
#32
Benzo(a)anthracene
Concen: 0.004 ng
RT: 21.482 min Scan# 2025
Delta R.T. 0.011 min
Lab File: BN015872.D
Acq: 13 Aug 2021 13:00

Tgt Ion:228 Resp: 679

Ion	Ratio	Lower	Upper
228	100		
226	34.5	21.1	31.7#
229	28.7	15.7	23.5#



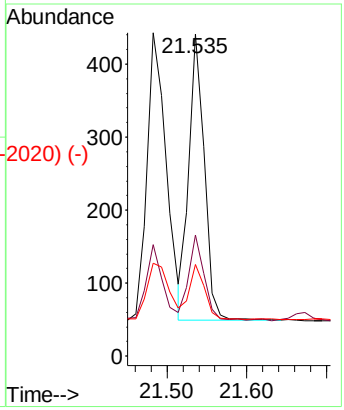
Instrument :
BNA_N
ClientSampleId :
PB138188BL

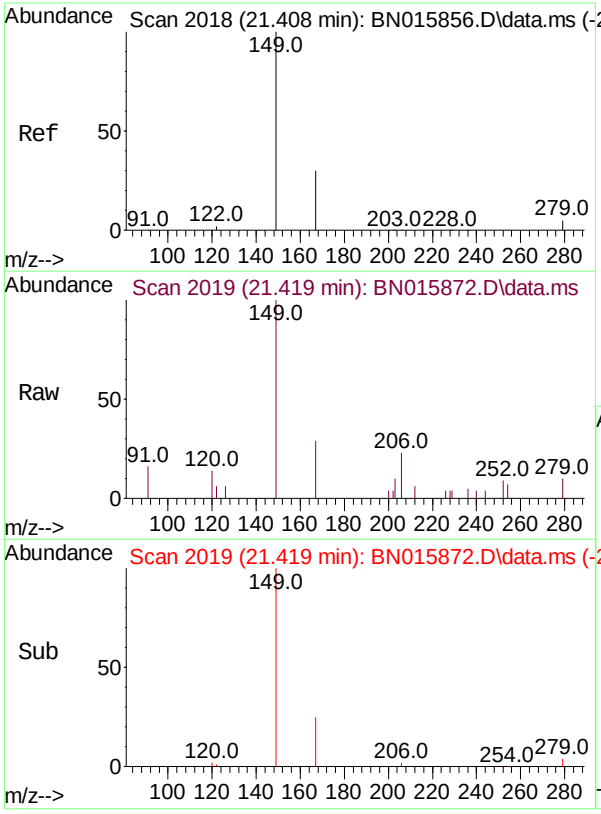


#33
Chrysene
Concen: 0.003 ng
RT: 21.535 min Scan# 2030
Delta R.T. 0.011 min
Lab File: BN015872.D
Acq: 13 Aug 2021 13:00

Tgt Ion:228 Resp: 529

Ion	Ratio	Lower	Upper
228	100		
226	37.6	23.4	35.2#
229	28.6	15.8	23.6#

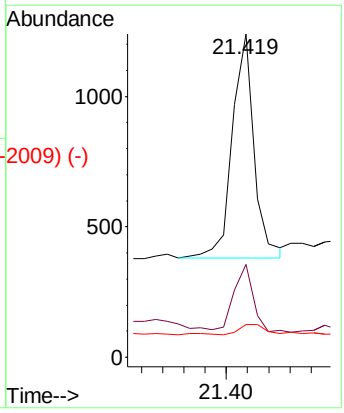




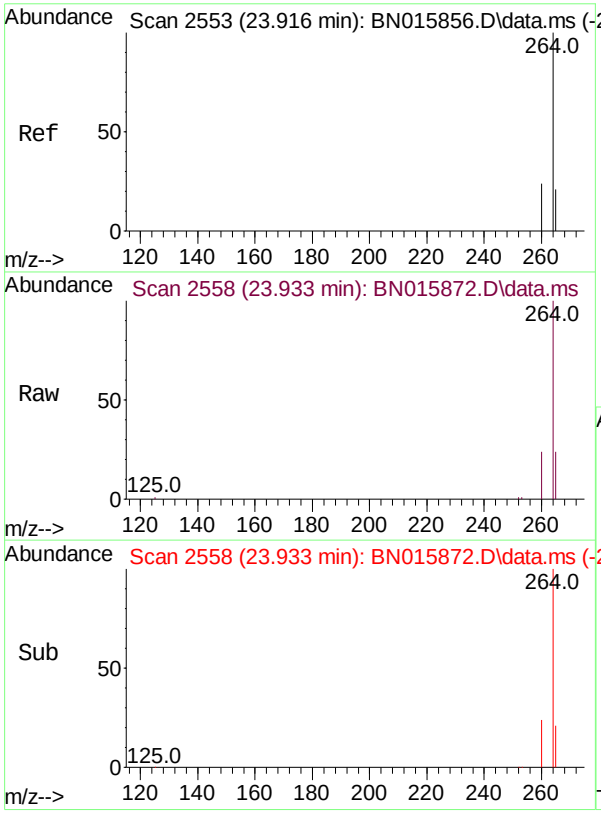
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.015 ng
RT: 21.419 min Scan# 2019
Delta R.T. 0.011 min
Lab File: BN015872.D
Acq: 13 Aug 2021 13:00

Tgt Ion:149 Resp: 1218

Ion	Ratio	Lower	Upper
149	100		
167	27.2	22.9	34.3
279	6.2	4.4	6.6



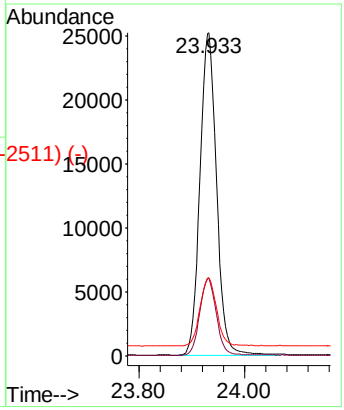
Instrument :
BNA_N
ClientSampleId :
PB138188BL

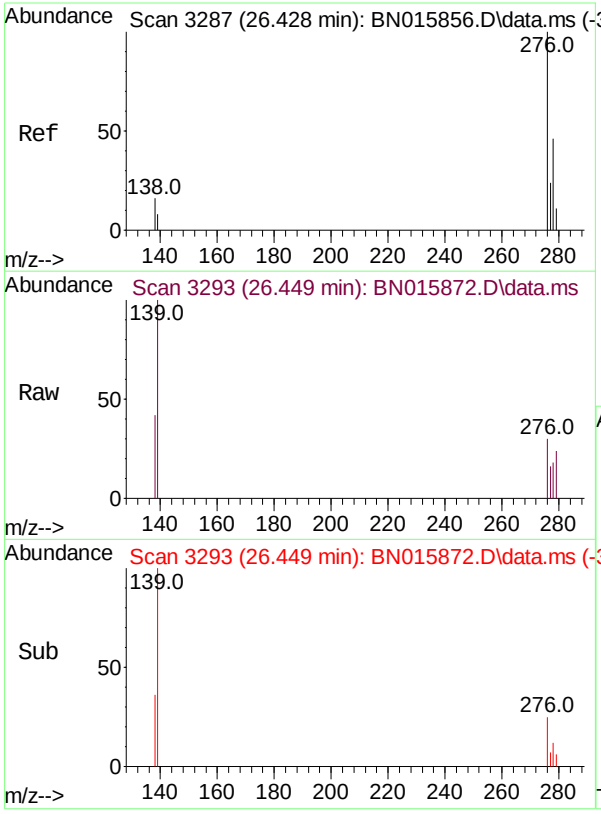


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.933 min Scan# 2558
Delta R.T. 0.010 min
Lab File: BN015872.D
Acq: 13 Aug 2021 13:00

Tgt Ion:264 Resp: 54747

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.1	28.7
265	24.1	19.8	29.8

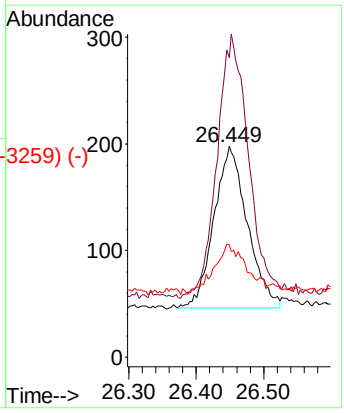




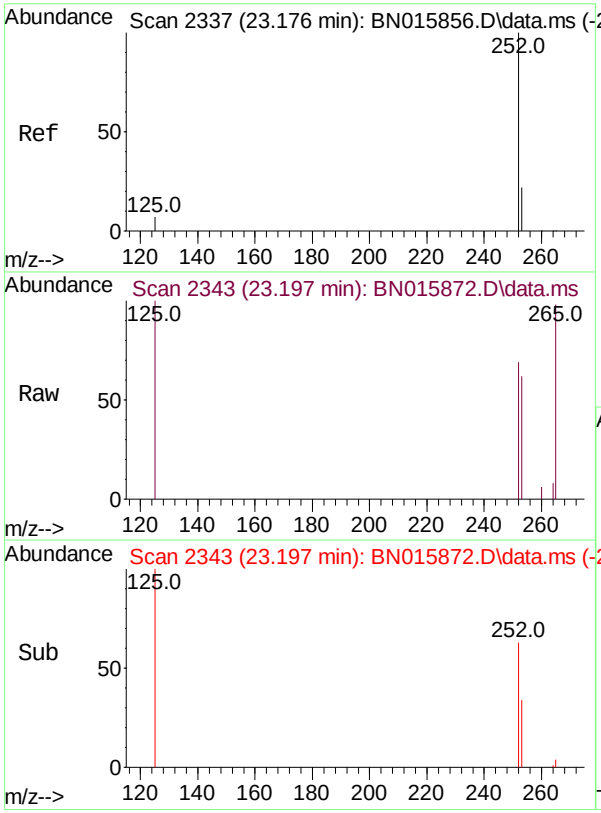
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.003 ng
RT: 26.449 min Scan# 3293
Delta R.T. 0.017 min
Lab File: BN015872.D
Acq: 13 Aug 2021 13:00

Tgt Ion:276 Resp: 525

Ion	Ratio	Lower	Upper
276	100		
138	154.3	13.8	20.8#
277	28.0	20.3	30.5



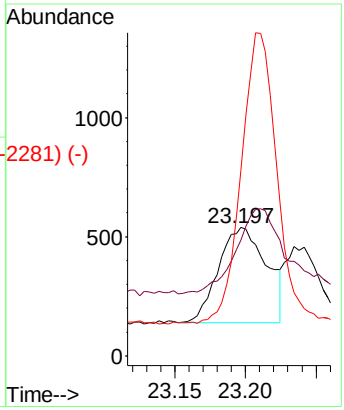
Instrument :
BNA_N
ClientSampleId :
PB138188BL

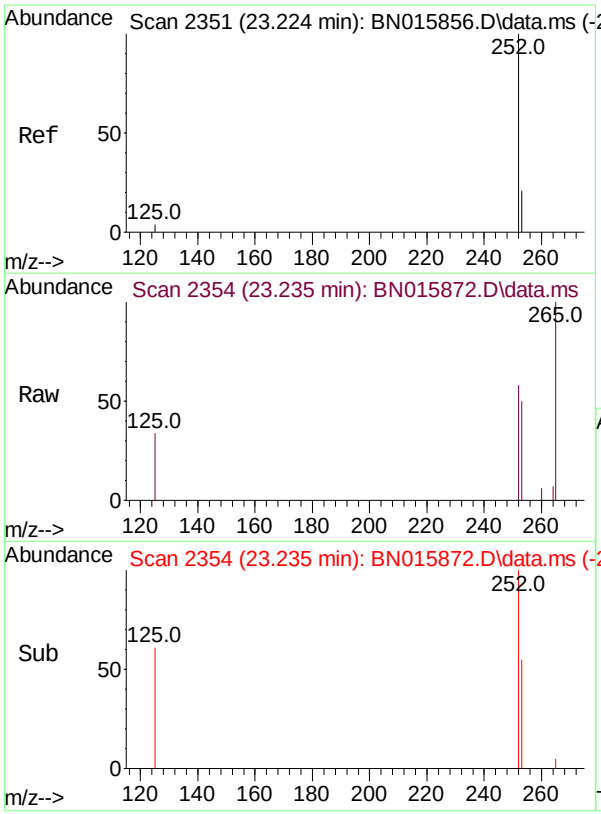


#37
Benzo(b)fluoranthene
Concen: 0.005 ng
RT: 23.197 min Scan# 2343
Delta R.T. 0.014 min
Lab File: BN015872.D
Acq: 13 Aug 2021 13:00

Tgt Ion:252 Resp: 942

Ion	Ratio	Lower	Upper
252	100		
253	90.0	18.2	27.2#
125	144.5	6.2	9.4#

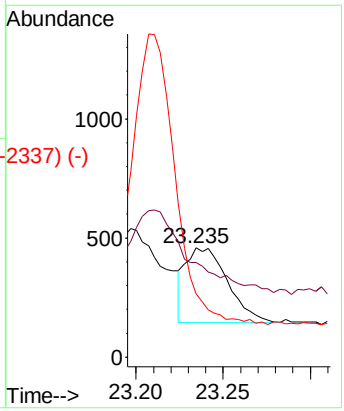




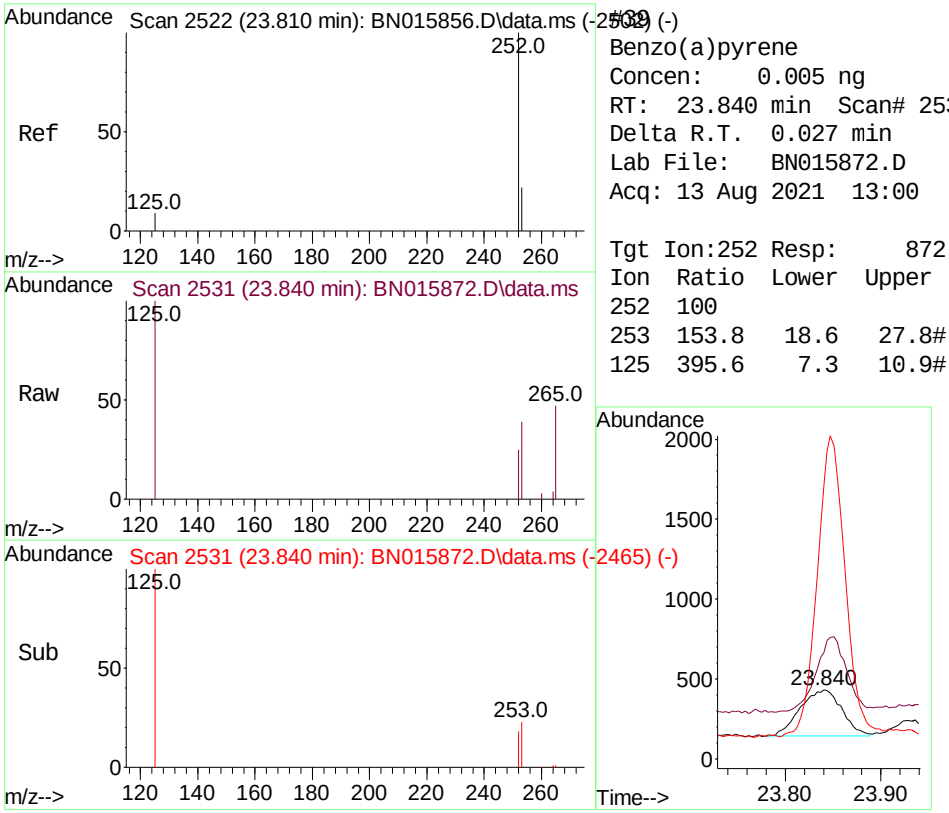
#38
Benzo(k)fluoranthene
Concen: 0.003 ng
RT: 23.235 min Scan# 2354
Delta R.T. 0.007 min
Lab File: BN015872.D
Acq: 13 Aug 2021 13:00

Tgt Ion:252 Resp: 525

Ion	Ratio	Lower	Upper
252	100		
253	86.3	18.1	27.1#
125	57.8	5.6	8.4#



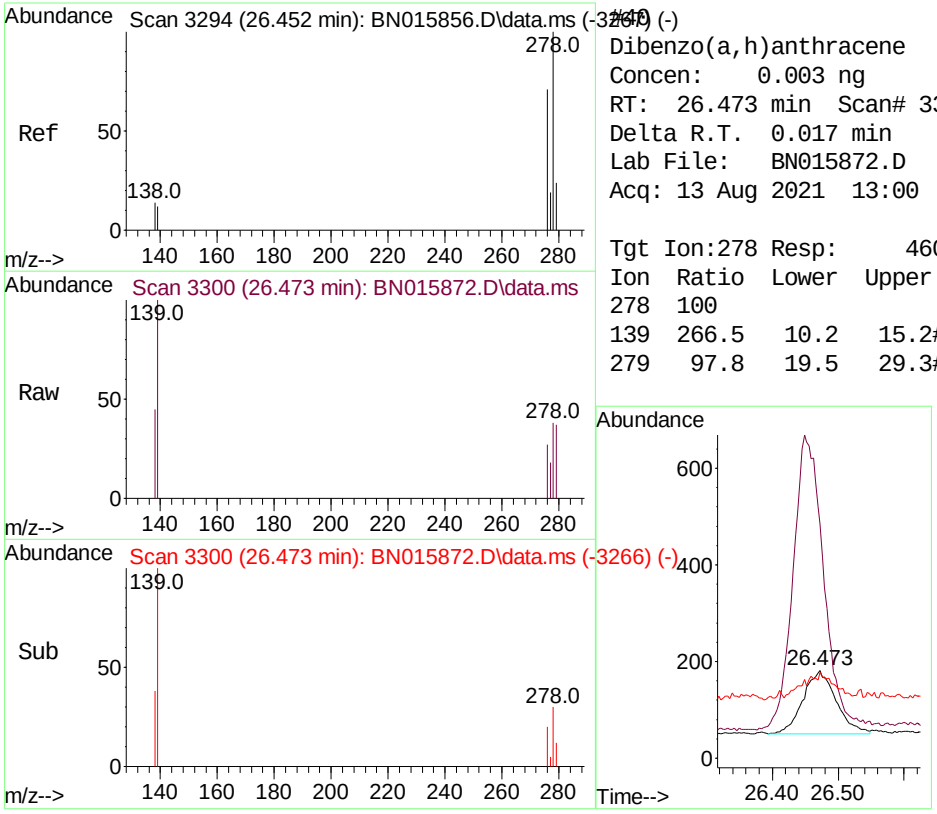
Instrument :
BNA_N
ClientSampleId :
PB138188BL



#39
Benzo(a)pyrene
Concen: 0.005 ng
RT: 23.840 min Scan# 2531
Delta R.T. 0.027 min
Lab File: BN015872.D
Acq: 13 Aug 2021 13:00

Tgt Ion:252 Resp: 872

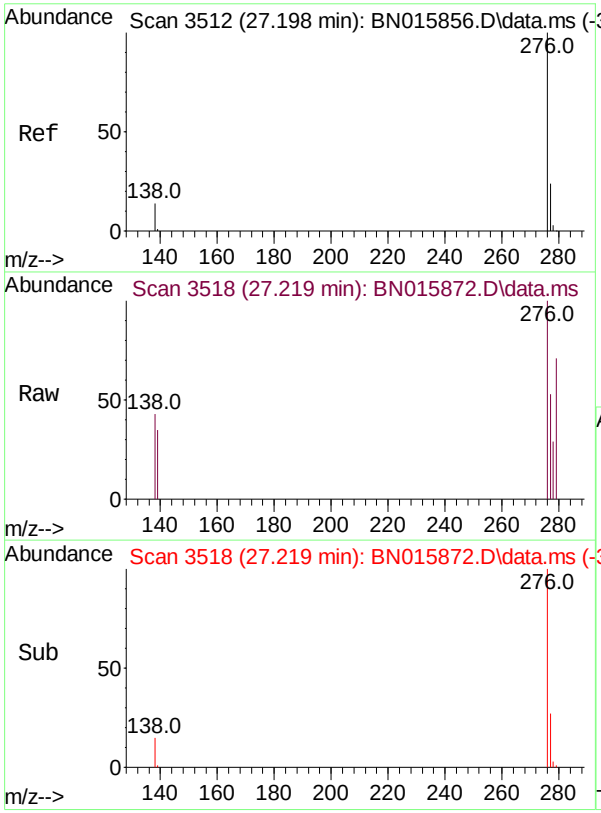
Ion	Ratio	Lower	Upper
252	100		
253	153.8	18.6	27.8#
125	395.6	7.3	10.9#



#40
Dibenzo(a,h)anthracene
Concen: 0.003 ng
RT: 26.473 min Scan# 3300
Delta R.T. 0.017 min
Lab File: BN015872.D
Acq: 13 Aug 2021 13:00

Tgt Ion:278 Resp: 460

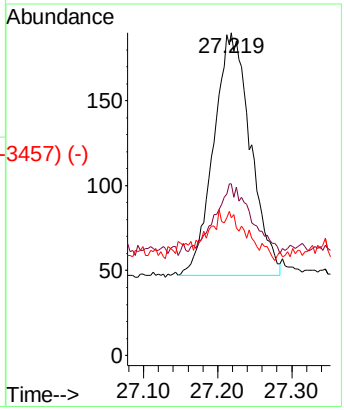
Ion	Ratio	Lower	Upper
278	100		
139	266.5	10.2	15.2#
279	97.8	19.5	29.3#



#42
Benzo(g,h,i)perylene
Concen: 0.003 ng
RT: 27.219 min Scan# 3518
Delta R.T. 0.010 min
Lab File: BN015872.D
Acq: 13 Aug 2021 13:00

Tgt Ion:276 Resp: 497

Ion	Ratio	Lower	Upper
276	100		
277	53.2	19.5	29.3#
138	42.6	11.8	17.8#



Instrument :
BNA_N
ClientSampleId :
PB138188BL