Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022521\
Data File : BN013762.D
Acq On : 25 Feb 2021 11:20
Operator : CG/JU
Sample : M1473-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : EB-022321

Quant Time: Feb 25 11:51:55 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	5449	0.40	ng		0.00
7) Naphthalene-d8	10.530	136	20908	0.40	ng	#	0.00
13) Acenaphthene-d10	14.371	164	11766	0.40	ng		0.00
19) Phenanthrene-d10	17.128	188	26626	0.40	ng	#	0.00
29) Chrysene-d12	21.303	240	26257	0.40	ng	#	0.00
36) Perylene-d12	23.551	264	25390	0.40	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.333	112	1856	0.13	ng		0.00
5) Phenol-d6	6.903	99	1509	0.08	ng		0.00
8) Nitrobenzene-d5	8.883	82	3462	0.26	ng		0.00
11) 2-Methylnaphthalene-d10	12.120	152	7766	0.23	ng		0.00
14) 2,4,6-Tribromophenol	15.869	330	961	0.20	ng		0.00
15) 2-Fluorobiphenyl	13.001	172	12045	0.29	ng		0.00
27) Fluoranthene-d10	19.154	212	22500	0.29	ng		0.00
31) Terphenyl-d14	19.759	244	25036	0.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.271	88	236	0.04	ng	#	29
3) n-Nitrosodimethylamine	3.569	42	186	0.04	ng	#	1
25) Phenanthrene	17.165	178	3291	0.05	ng		96
26) Anthracene	17.250	178	1378	0.02	ng	#	96
28) Fluoranthene	19.183	202	5459	0.07	ng		98
30) Pyrene	19.546	202	4589	0.06	ng		97
32) Benzo(a)anthracene	21.292	228	2545	0.03	ng		94
33) Chrysene	21.335	228	3123	0.04	ng		96
34) Bis(2-ethylhexyl)phtha...	21.239	149	3481	0.09	ng		98
35) Indeno(1,2,3-cd)pyrene	25.820	276	2332	0.02	ng		98
37) Benzo(b)fluoranthene	22.876	252	3333	0.04	ng	#	82
38) Benzo(k)fluoranthene	22.921	252	2317	0.03	ng	#	59
39) Benzo(a)pyrene	23.451	252	2145	0.03	ng	#	73
41) Benzo(g,h,i)perylene	26.508	276	2037	0.03	ng	#	84

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

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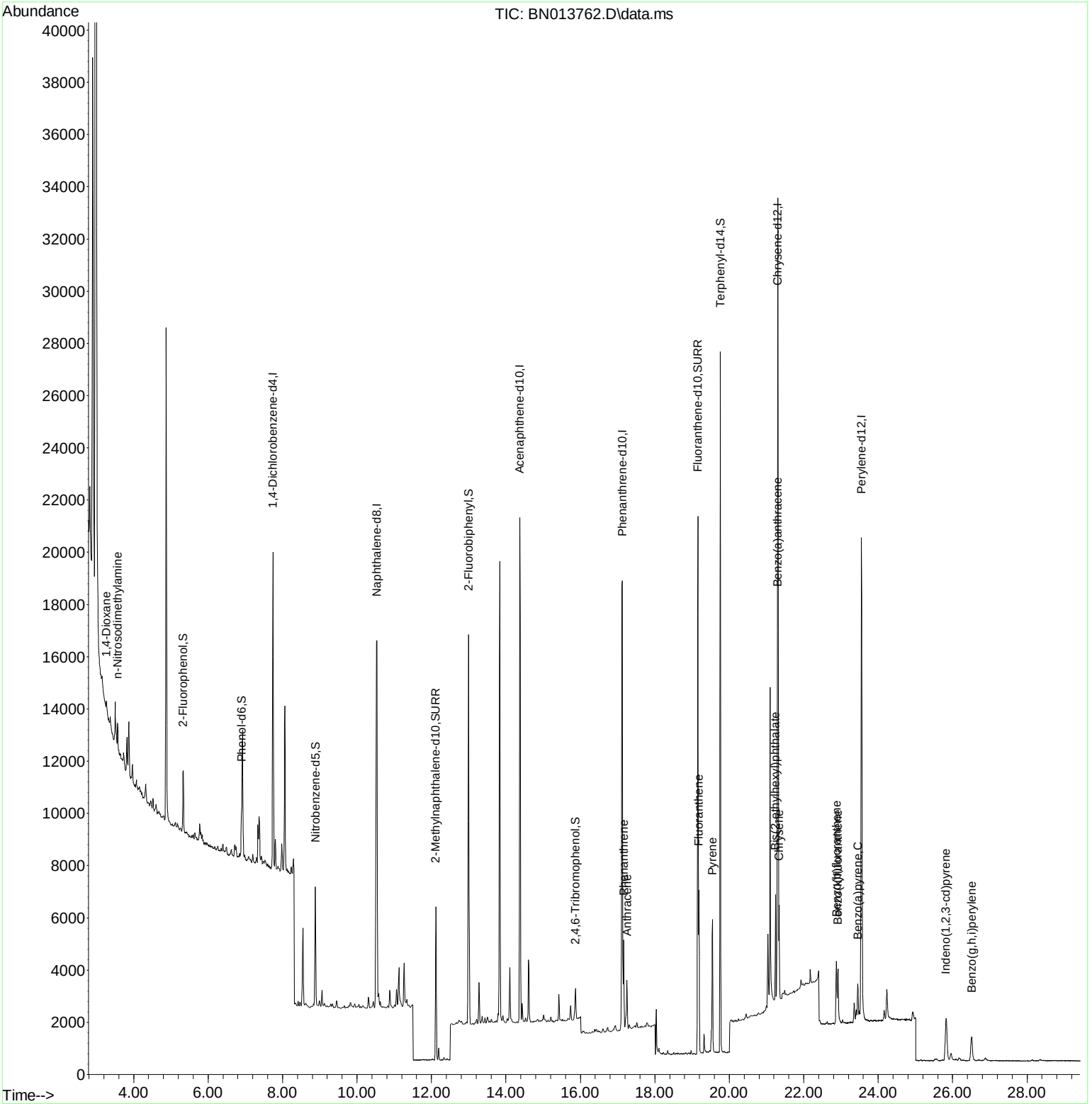
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 25 11:31:11 2021
Response via : Initial Calibration



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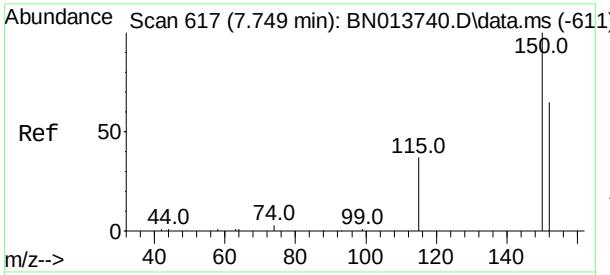
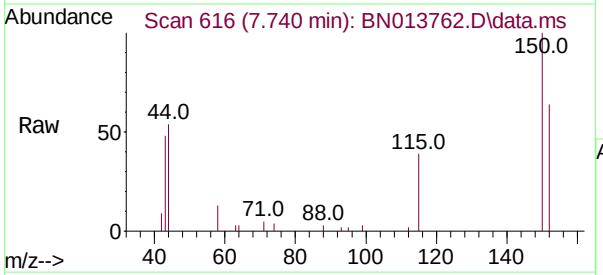
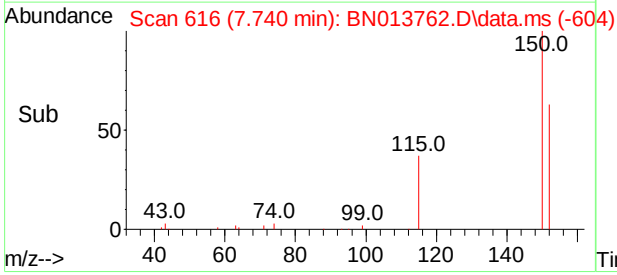


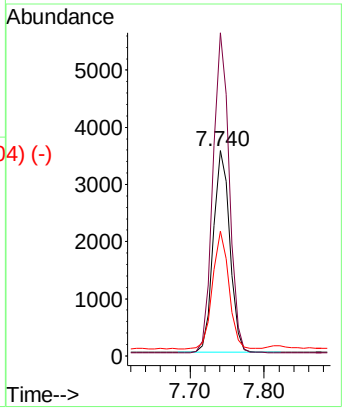
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.740 min Scan# 616
Delta R.T. -0.001 min
Lab File: BN013762.D
Acq: 25 Feb 2021 11:20

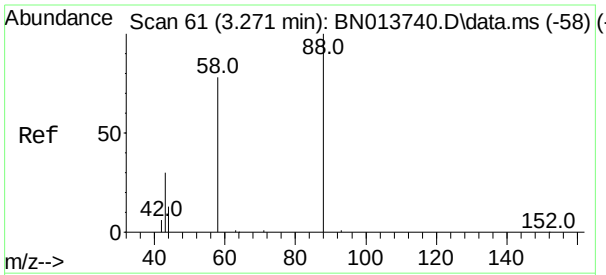
Tgt Ion:152 Resp: 5449

Ion	Ratio	Lower	Upper
152	100		
150	157.4	121.8	182.8
115	60.7	46.6	69.8





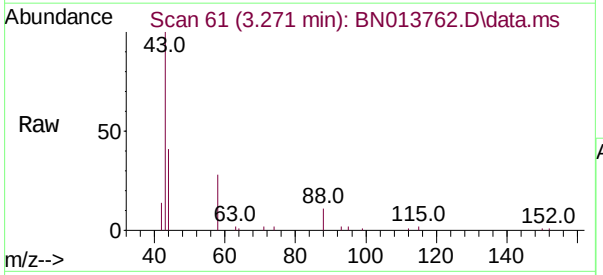


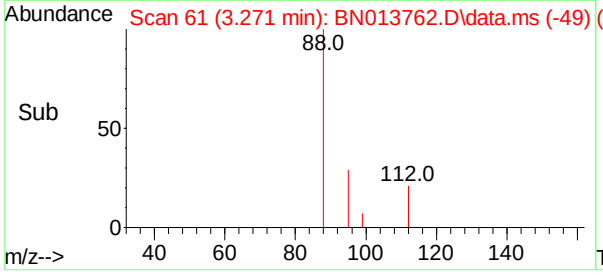


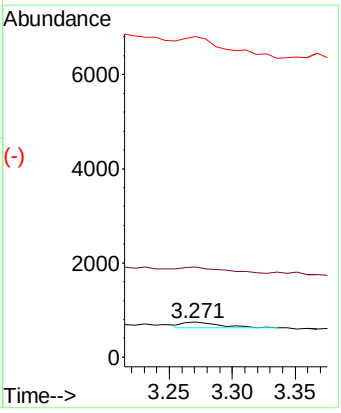
#2
1,4-Dioxane
Concen: 0.04 ng
RT: 3.271 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN013762.D
Acq: 25 Feb 2021 11:20

Tgt Ion: 88 Resp: 236

Ion	Ratio	Lower	Upper
88	100		
58	147.9	64.6	96.8#
43	0.0	26.6	40.0#







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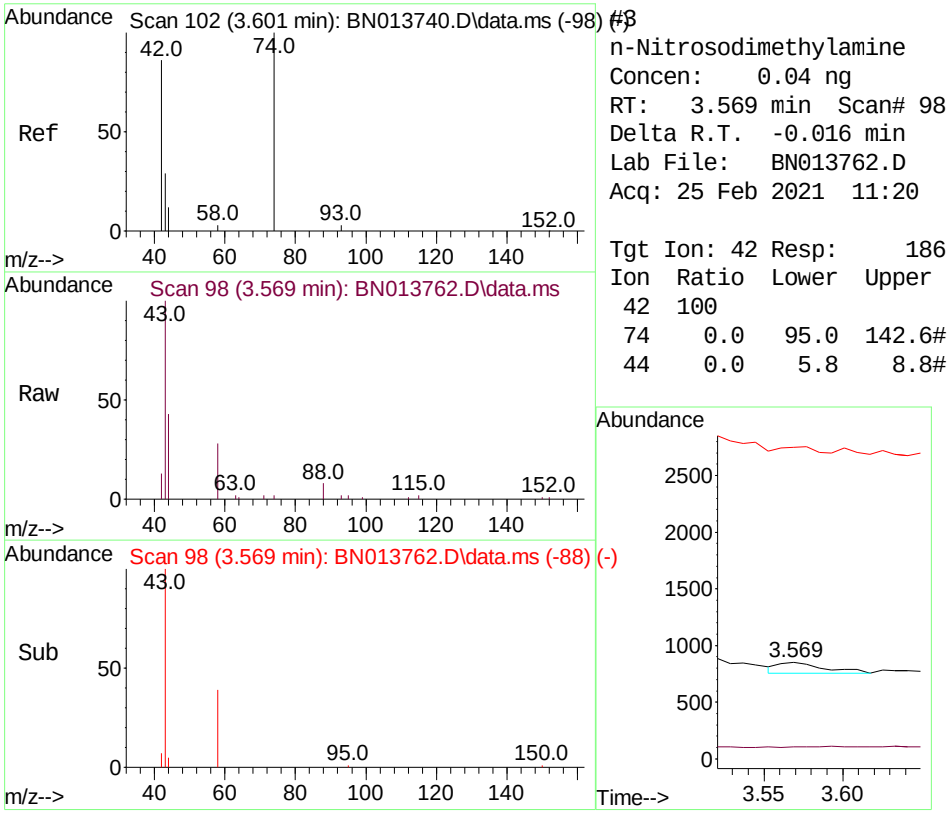
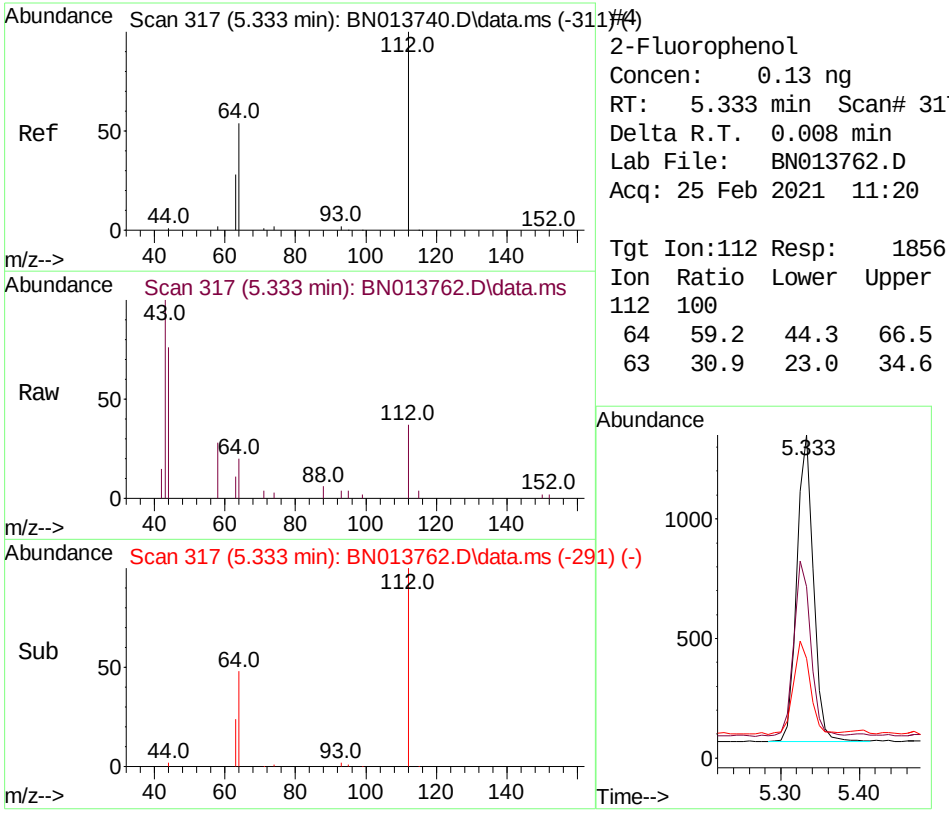


#3
n-Nitrosodimethylamine
Concen: 0.04 ng
RT: 3.569 min Scan# 98
Delta R.T. -0.016 min
Lab File: BN013762.D
Acq: 25 Feb 2021 11:20

Tgt Ion: 42 Resp: 186

Ion	Ratio	Lower	Upper
42	100		
74	0.0	95.0	142.6#
44	0.0	5.8	8.8#

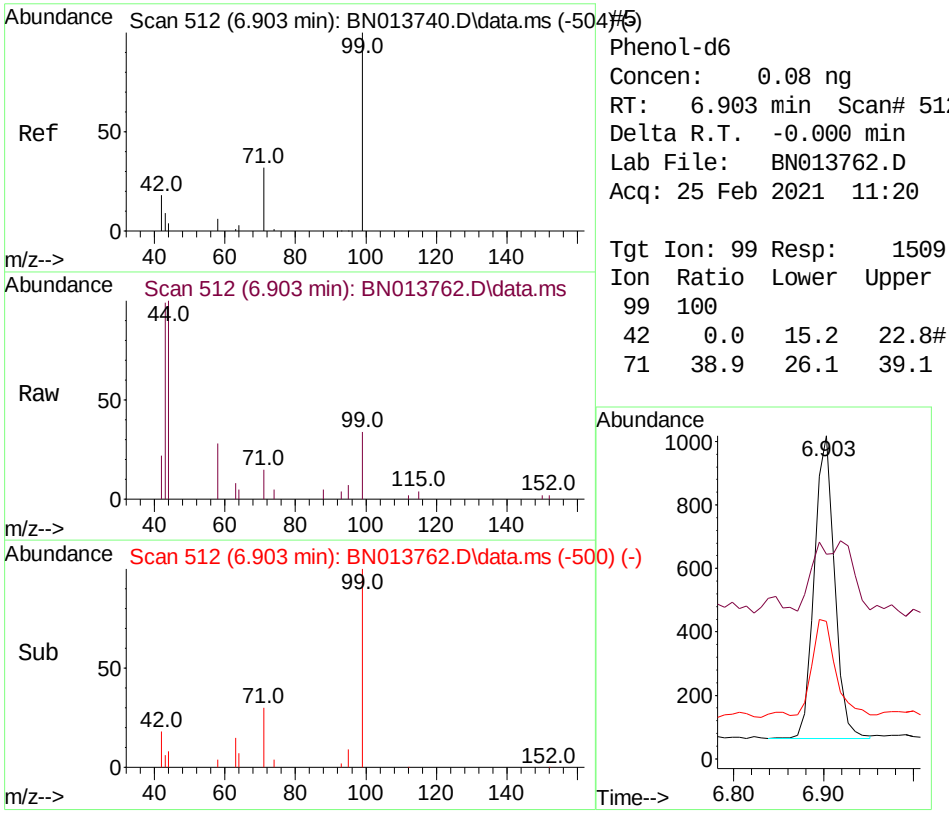


#4
2-Fluorophenol
Concen: 0.13 ng
RT: 5.333 min Scan# 317
Delta R.T. 0.008 min
Lab File: BN013762.D
Acq: 25 Feb 2021 11:20

Tgt Ion:112 Resp: 1856

Ion	Ratio	Lower	Upper
112	100		
64	59.2	44.3	66.5
63	30.9	23.0	34.6

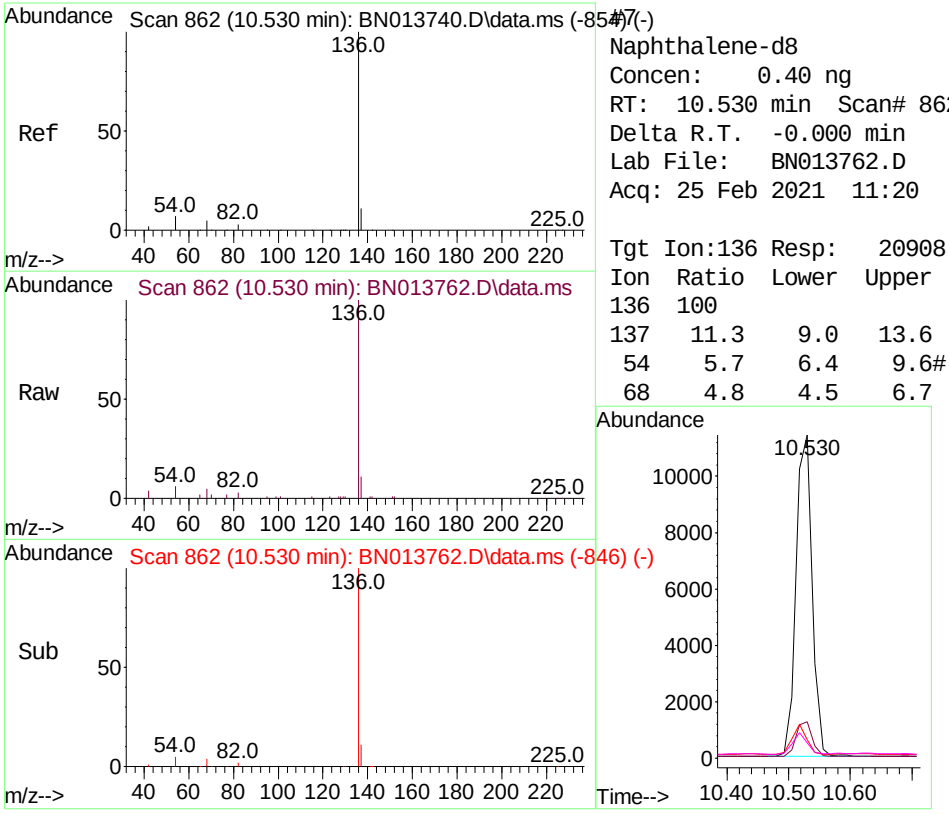
Instrument :
BNA_N
ClientSampleId :
EB-022321



#5
Phenol-d6
Concen: 0.08 ng
RT: 6.903 min Scan# 512
Delta R.T. -0.000 min
Lab File: BN013762.D
Acq: 25 Feb 2021 11:20

Tgt Ion: 99 Resp: 1509

Ion	Ratio	Lower	Upper
99	100		
42	0.0	15.2	22.8#
71	38.9	26.1	39.1

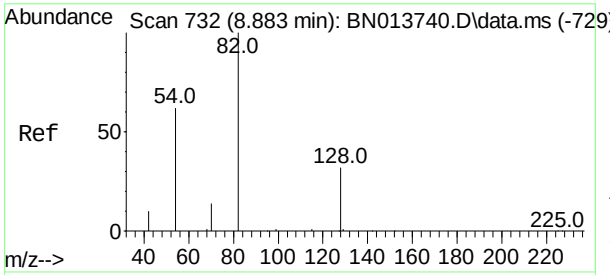


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.530 min Scan# 862
Delta R.T. -0.000 min
Lab File: BN013762.D
Acq: 25 Feb 2021 11:20

Tgt Ion:136 Resp: 20908

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	5.7	6.4	9.6#
68	4.8	4.5	6.7

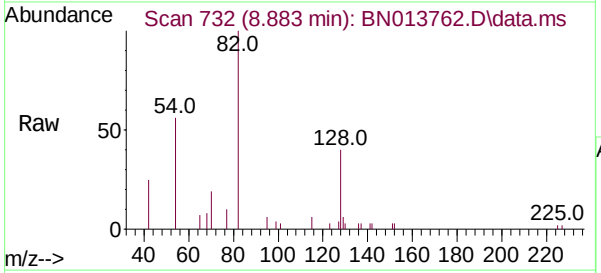
Instrument :
BNA_N
ClientSampleId :
EB-022321

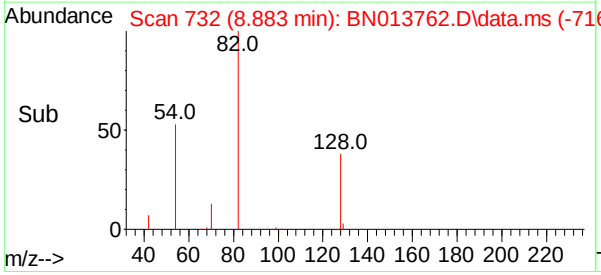


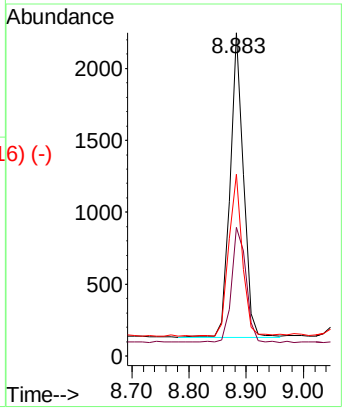
#8
Nitrobenzene-d5
Concen: 0.26 ng
RT: 8.883 min Scan# 732
Delta R.T. -0.000 min
Lab File: BN013762.D
Acq: 25 Feb 2021 11:20

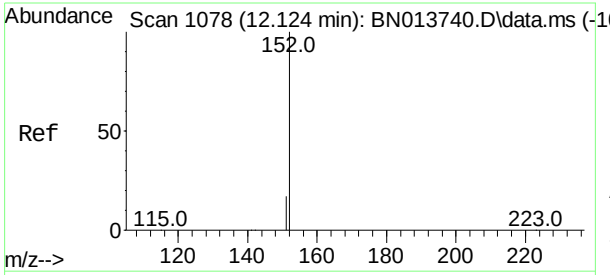
Tgt Ion: 82 Resp: 3462

Ion	Ratio	Lower	Upper
82	100		
128	39.7	39.2	58.8
54	56.3	40.1	60.1





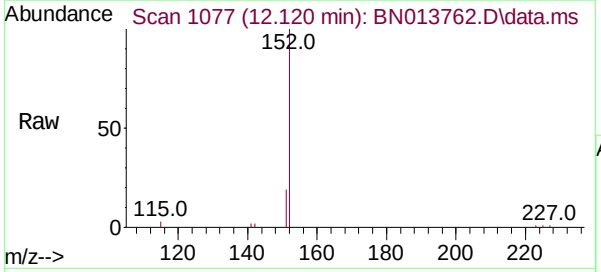


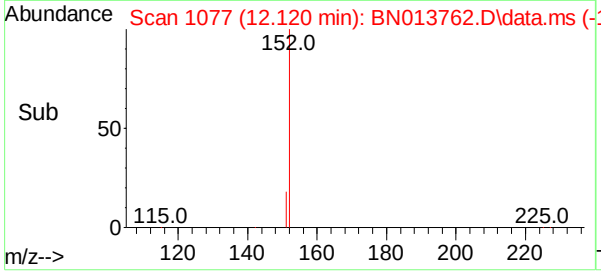


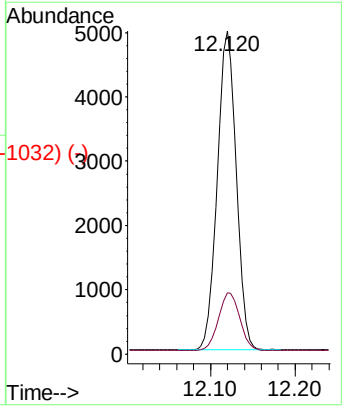
#11
2-Methylnaphthalene-d10
Concen: 0.23 ng
RT: 12.120 min Scan# 1077
Delta R.T. -0.000 min
Lab File: BN013762.D
Acq: 25 Feb 2021 11:20

Tgt Ion:152 Resp: 7766

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.2







Instrument :
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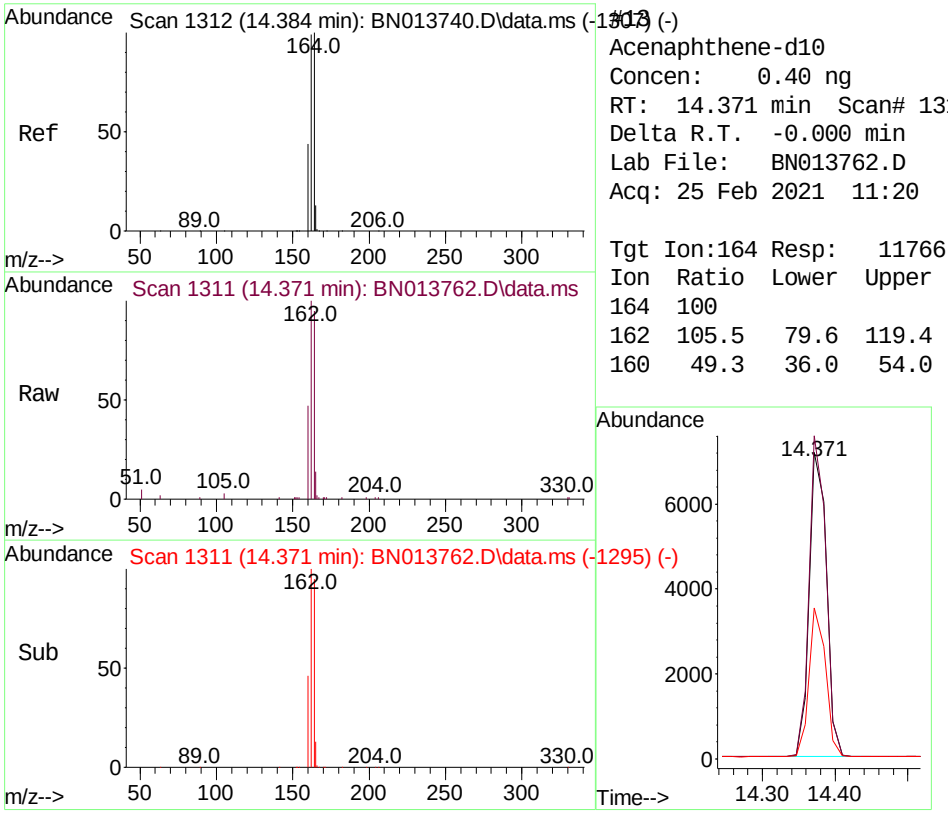
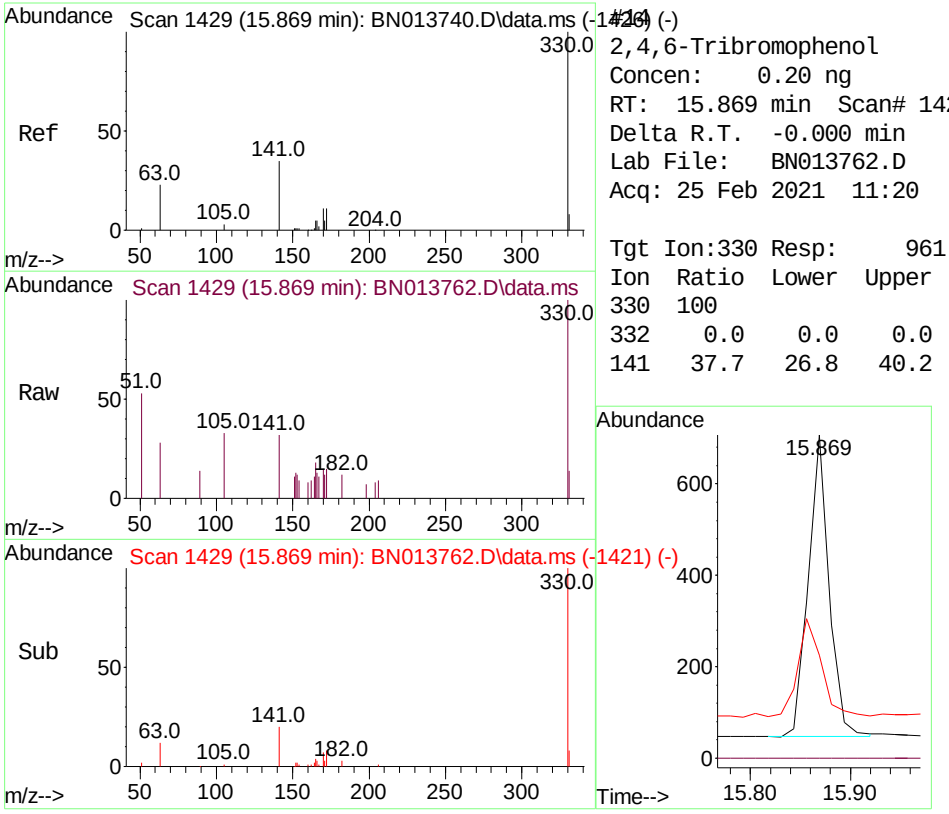


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.371 min Scan# 1311
Delta R.T. -0.000 min
Lab File: BN013762.D
Acq: 25 Feb 2021 11:20

Tgt Ion:164 Resp: 11766

Ion	Ratio	Lower	Upper
164	100		
162	105.5	79.6	119.4
160	49.3	36.0	54.0



#14
2,4,6-Tribromophenol
Concen: 0.20 ng
RT: 15.869 min Scan# 1429
Delta R.T. -0.000 min
Lab File: BN013762.D
Acq: 25 Feb 2021 11:20

Tgt Ion:330 Resp: 961

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	37.7	26.8	40.2

Instrument :
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ClientSampleId :
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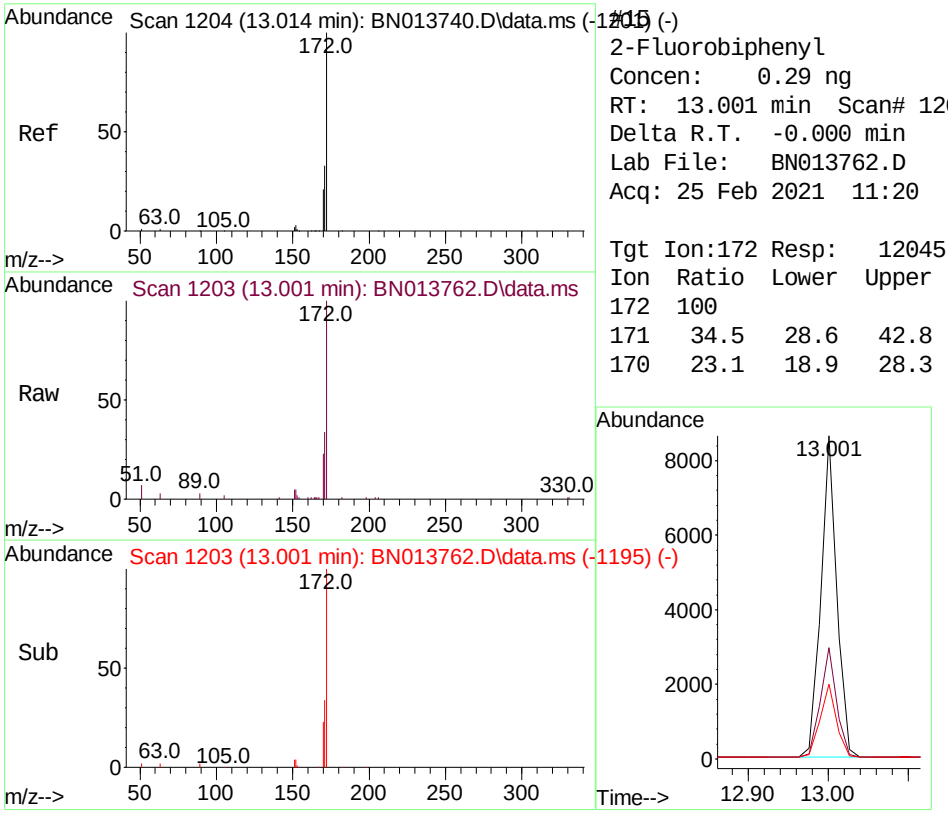
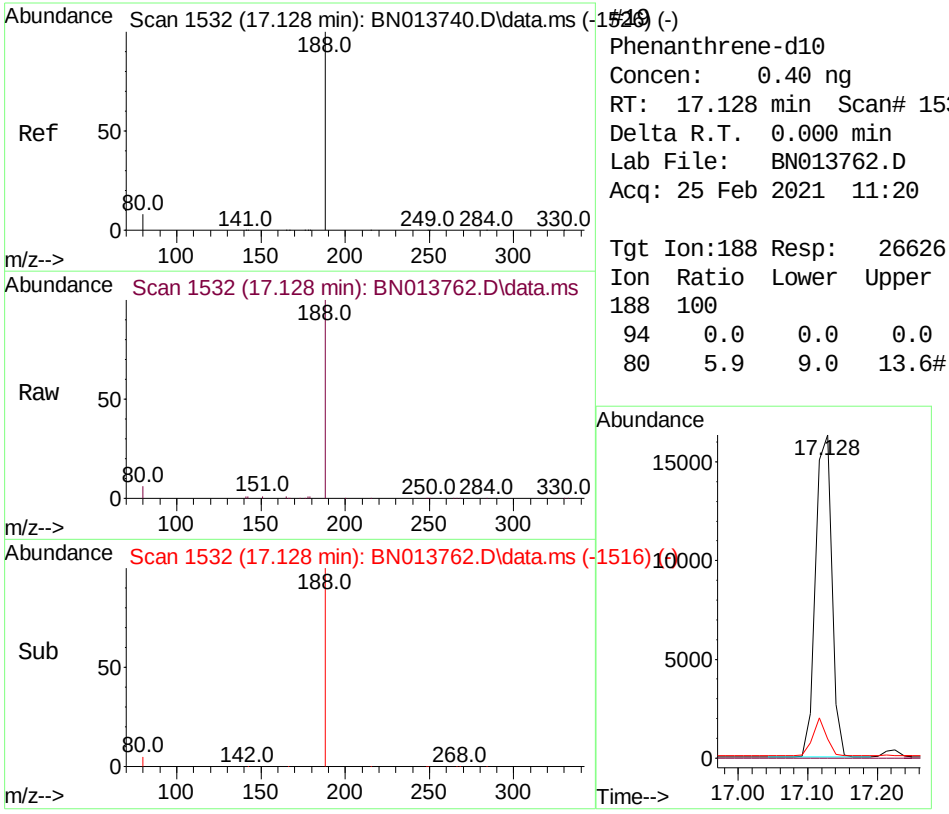


#15
2-Fluorobiphenyl
Concen: 0.29 ng
RT: 13.001 min Scan# 1203
Delta R.T. -0.000 min
Lab File: BN013762.D
Acq: 25 Feb 2021 11:20

Tgt Ion:172 Resp: 12045

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.6	42.8
170	23.1	18.9	28.3



#16
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.128 min Scan# 1532
Delta R.T. 0.000 min
Lab File: BN013762.D
Acq: 25 Feb 2021 11:20

Tgt Ion:188 Resp: 26626

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.9	9.0	13.6#

Instrument :
BNA_N
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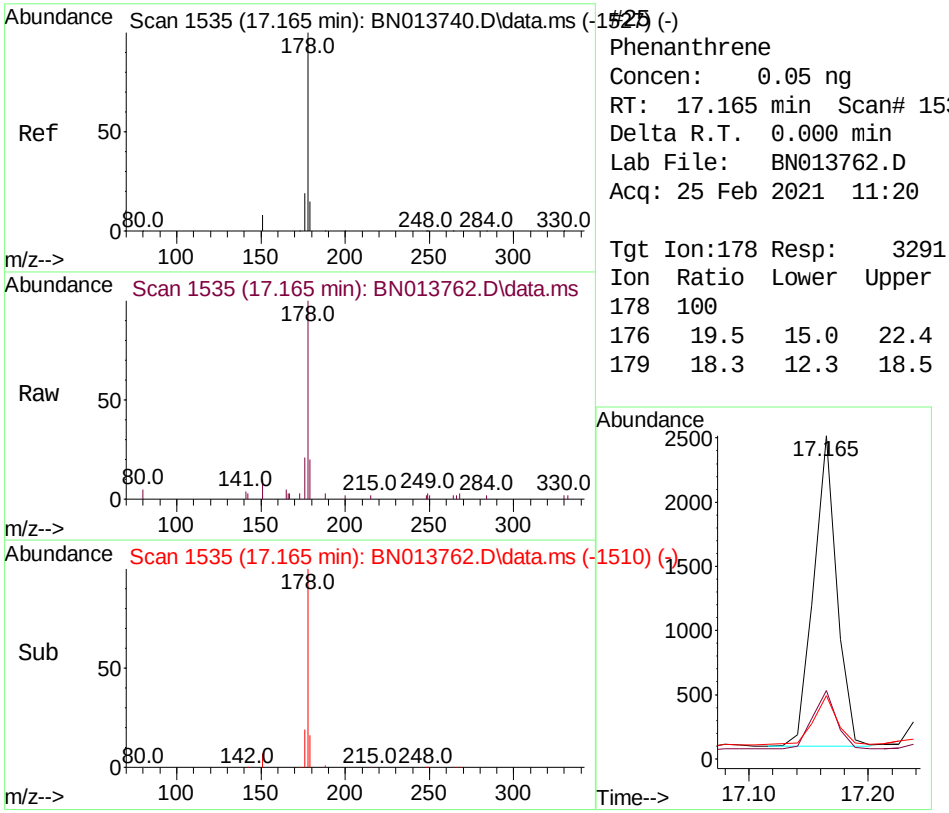
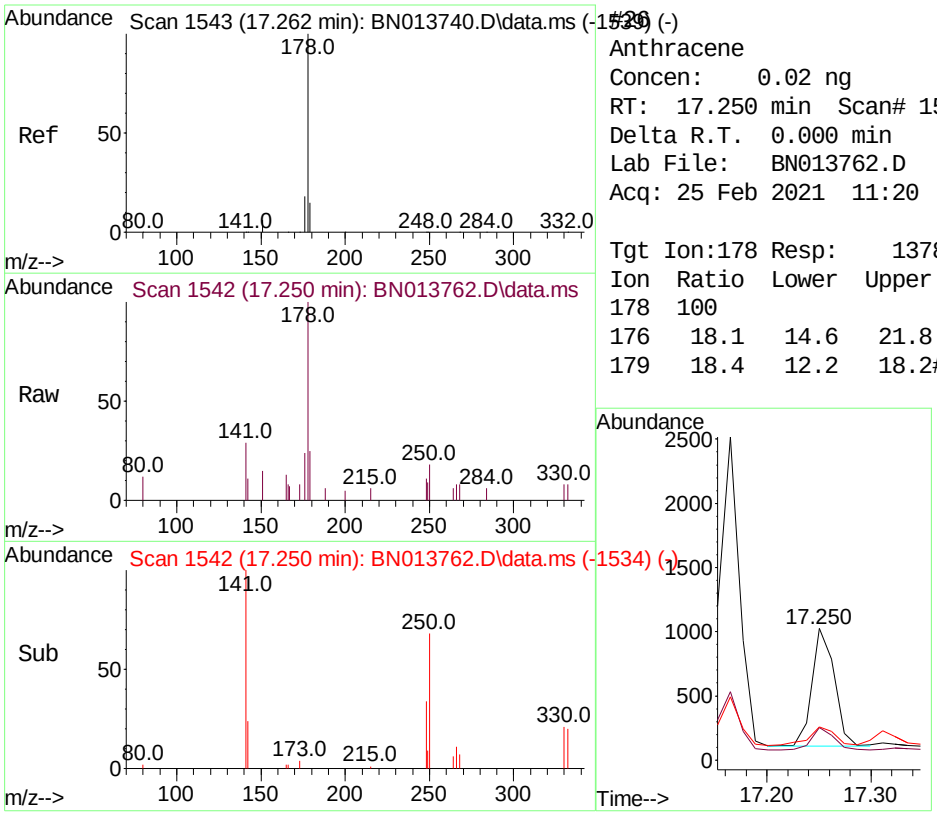


#25
Phenanthrene
Concen: 0.05 ng
RT: 17.165 min Scan# 1535
Delta R.T. 0.000 min
Lab File: BN013762.D
Acq: 25 Feb 2021 11:20

Tgt Ion:178 Resp: 3291

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.0	22.4
179	18.3	12.3	18.5



#26
Anthracene
Concen: 0.02 ng
RT: 17.250 min Scan# 1542
Delta R.T. 0.000 min
Lab File: BN013762.D
Acq: 25 Feb 2021 11:20

Tgt Ion:178 Resp: 1378

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	21.8
179	18.4	12.2	18.2#

Instrument :
BNA_N
ClientSampleId :
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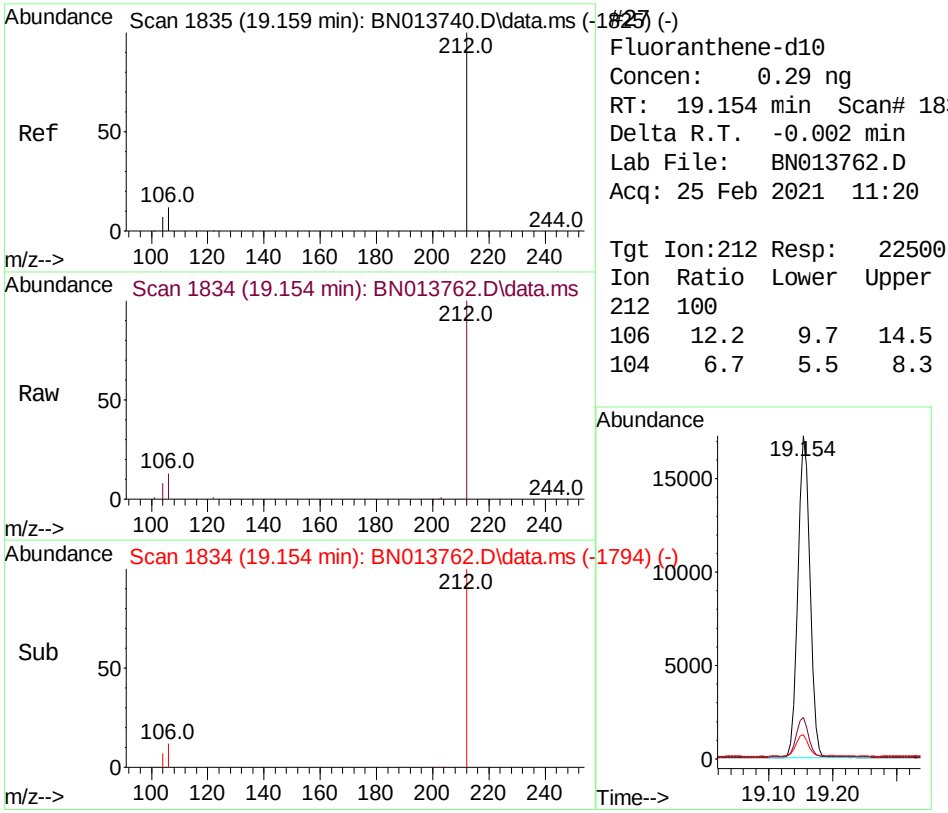
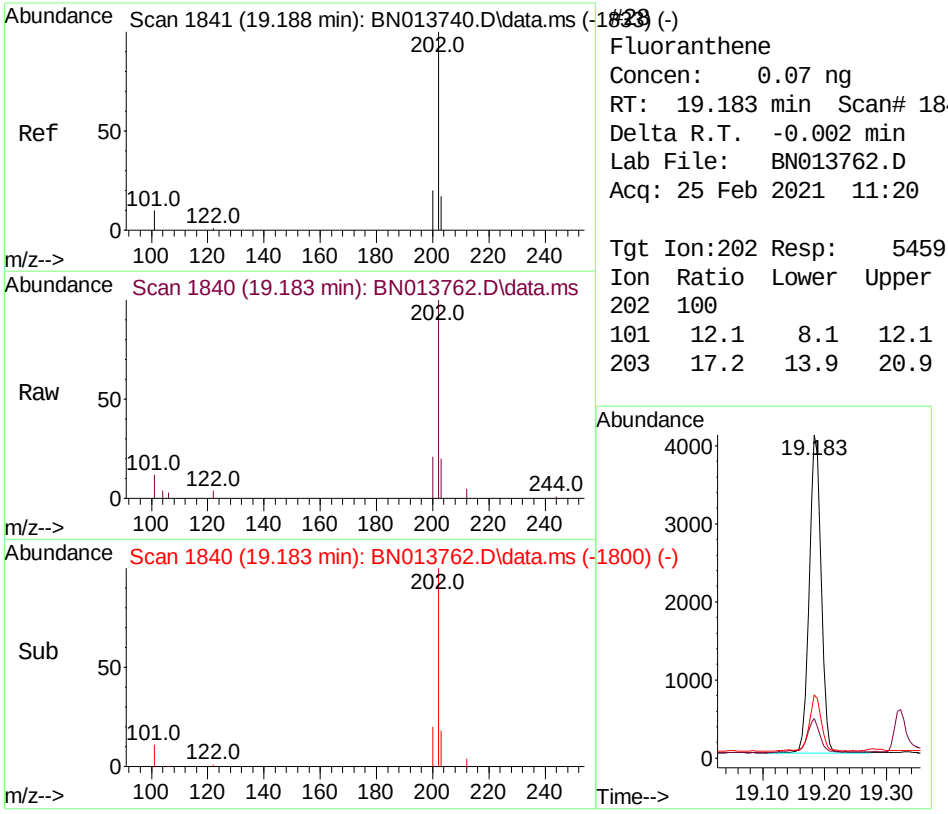


#27
Fluoranthene-d10
Concen: 0.29 ng
RT: 19.154 min Scan# 1834
Delta R.T. -0.002 min
Lab File: BN013762.D
Acq: 25 Feb 2021 11:20

Tgt Ion:212 Resp: 22500

Ion	Ratio	Lower	Upper
212	100		
106	12.2	9.7	14.5
104	6.7	5.5	8.3



#28
Fluoranthene
Concen: 0.07 ng
RT: 19.183 min Scan# 1840
Delta R.T. -0.002 min
Lab File: BN013762.D
Acq: 25 Feb 2021 11:20

Tgt Ion:202 Resp: 5459

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

Instrument :
BNA_N
ClientSampleId :
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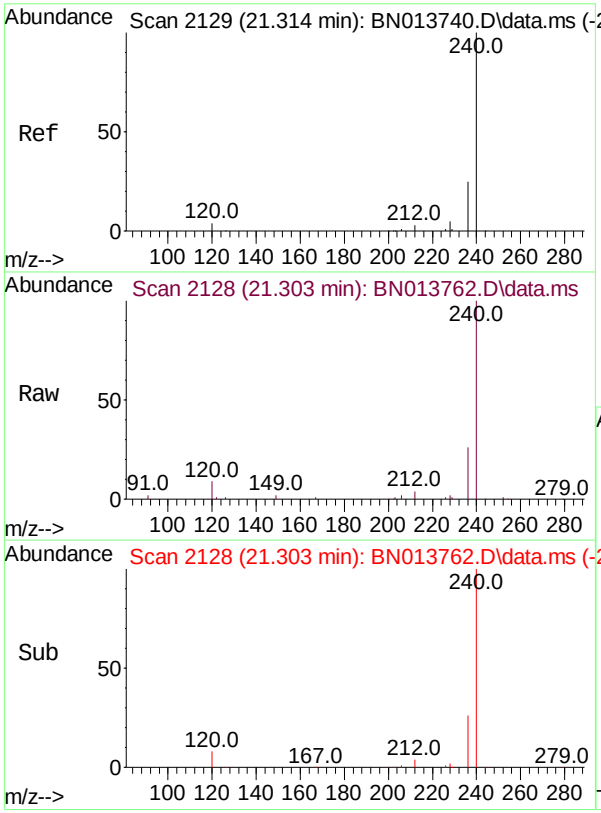
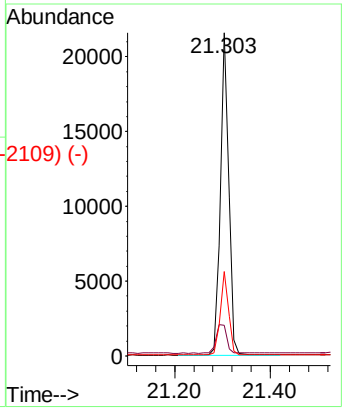
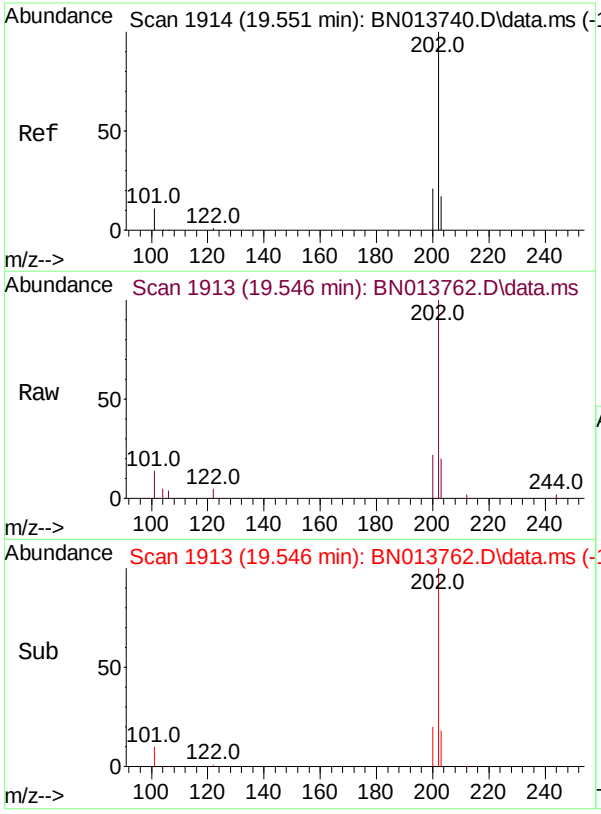


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.303 min Scan# 2128
Delta R.T. 0.003 min
Lab File: BN013762.D
Acq: 25 Feb 2021 11:20

Tgt Ion:240 Resp: 26257

Ion	Ratio	Lower	Upper
240	100		
120	9.4	10.2	15.4#
236	26.2	21.3	31.9

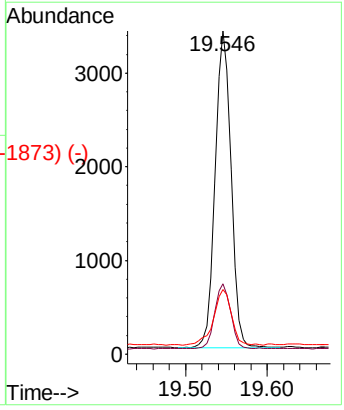




#30
Pyrene
Concen: 0.06 ng
RT: 19.546 min Scan# 1913
Delta R.T. -0.002 min
Lab File: BN013762.D
Acq: 25 Feb 2021 11:20

Tgt Ion:202 Resp: 4589

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.3	24.5
203	19.9	14.0	21.0



Instrument :
BNA_N
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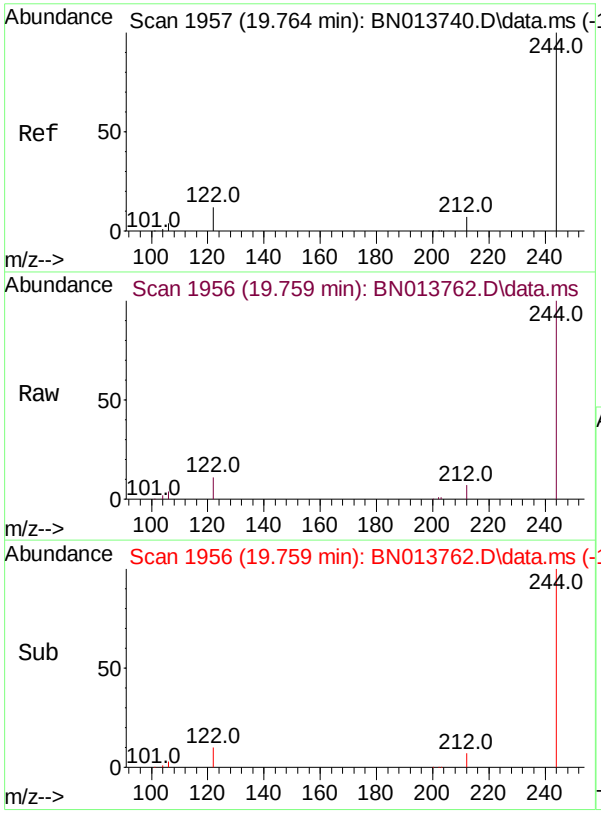
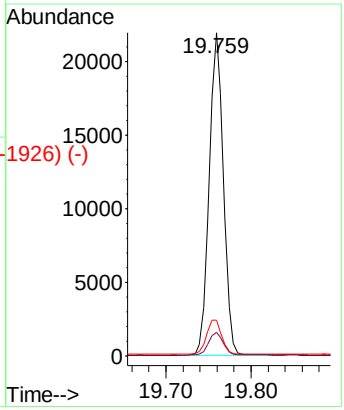
EB-022321

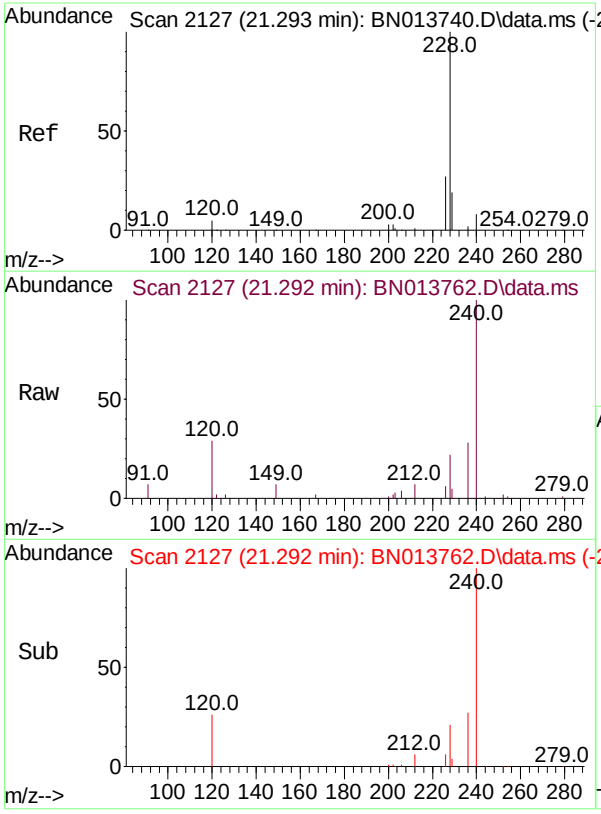


#31
Terphenyl-d14
Concen: 0.43 ng
RT: 19.759 min Scan# 1956
Delta R.T. -0.002 min
Lab File: BN013762.D
Acq: 25 Feb 2021 11:20

Tgt Ion:244 Resp: 25036

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	11.0	9.8	14.8

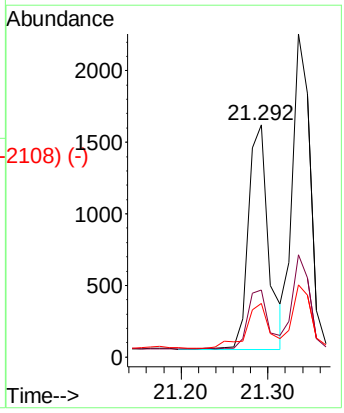




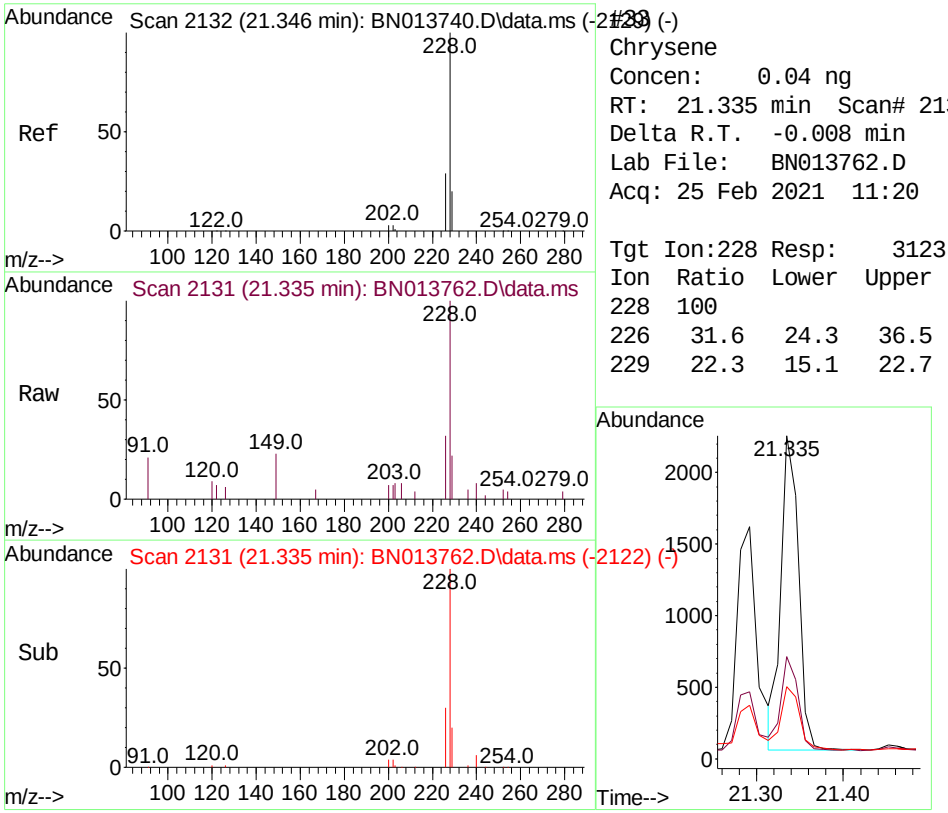
#32
Benzo(a)anthracene
Concen: 0.03 ng
RT: 21.292 min Scan# 2127
Delta R.T. 0.003 min
Lab File: BN013762.D
Acq: 25 Feb 2021 11:20

Tgt Ion:228 Resp: 2545

Ion	Ratio	Lower	Upper
228	100		
226	28.9	20.5	30.7
229	23.2	16.2	24.4



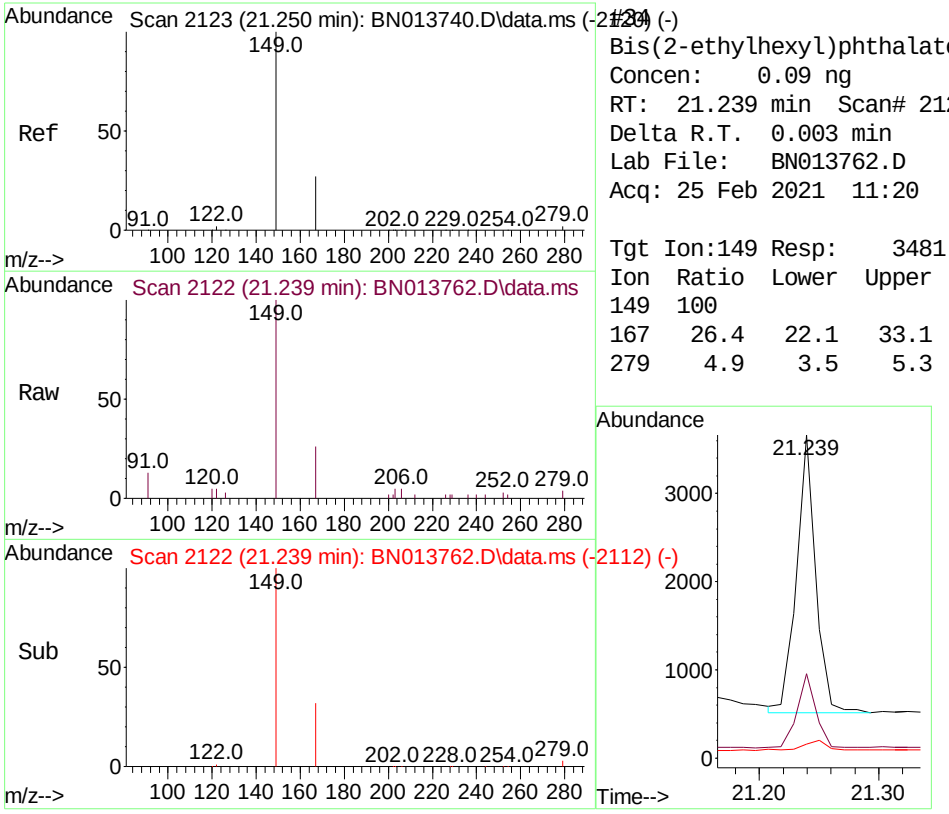
Instrument :
BNA_N
ClientSampleId :
EB-022321



#23
Chrysene
Concen: 0.04 ng
RT: 21.335 min Scan# 2131
Delta R.T. -0.008 min
Lab File: BN013762.D
Acq: 25 Feb 2021 11:20

Tgt Ion:228 Resp: 3123

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.3	36.5
229	22.3	15.1	22.7

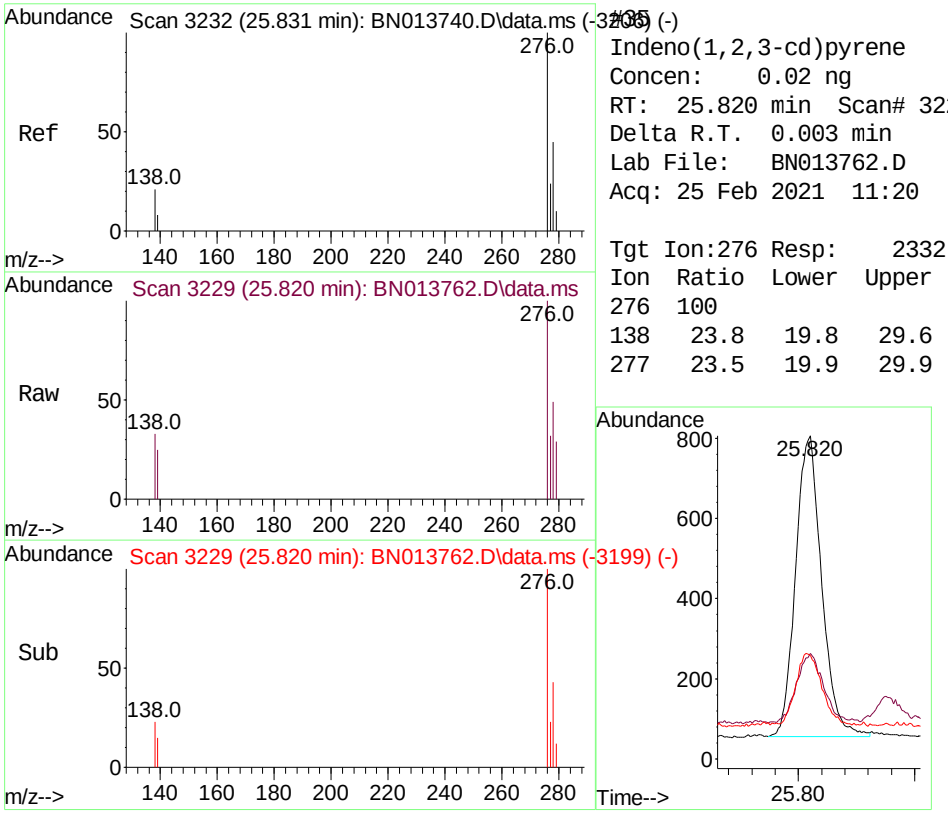


#24
Bis(2-ethylhexyl)phthalate
Concen: 0.09 ng
RT: 21.239 min Scan# 2122
Delta R.T. 0.003 min
Lab File: BN013762.D
Acq: 25 Feb 2021 11:20

Tgt Ion:149 Resp: 3481

Ion	Ratio	Lower	Upper
149	100		
167	26.4	22.1	33.1
279	4.9	3.5	5.3

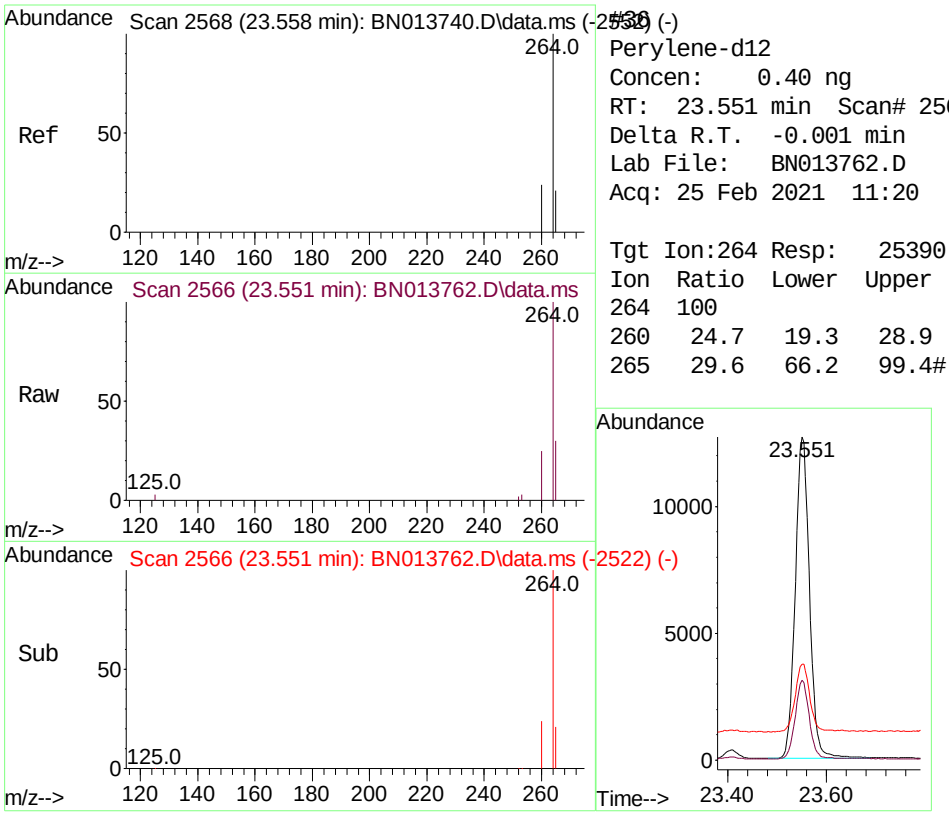
Instrument :
BNA_N
ClientSampleId :
EB-022321



#35
Indeno(1,2,3-cd)pyrene
Concen: 0.02 ng
RT: 25.820 min Scan# 3229
Delta R.T. 0.003 min
Lab File: BN013762.D
Acq: 25 Feb 2021 11:20

Tgt Ion:276 Resp: 2332

Ion	Ratio	Lower	Upper
276	100		
138	23.8	19.8	29.6
277	23.5	19.9	29.9

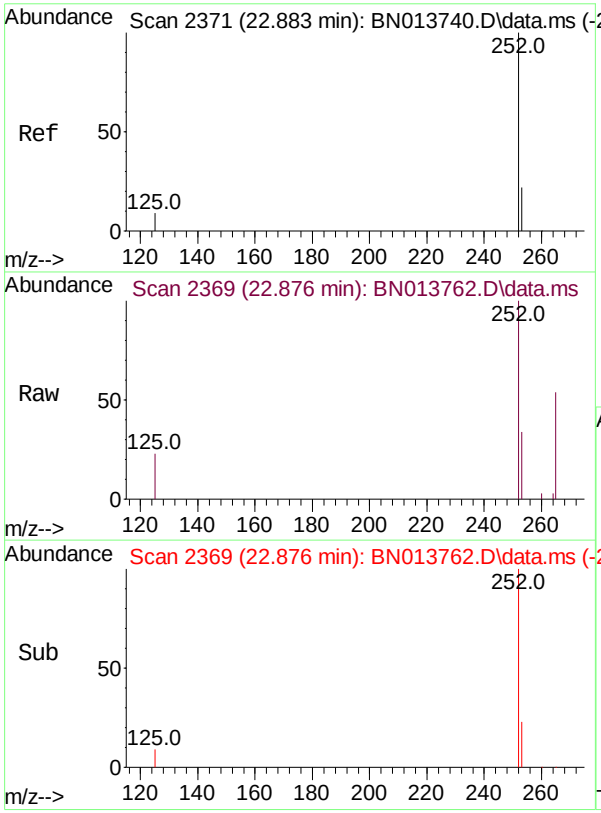


#36
Perylene-d12
Concen: 0.40 ng
RT: 23.551 min Scan# 2566
Delta R.T. -0.001 min
Lab File: BN013762.D
Acq: 25 Feb 2021 11:20

Tgt Ion:264 Resp: 25390

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.3	28.9
265	29.6	66.2	99.4#

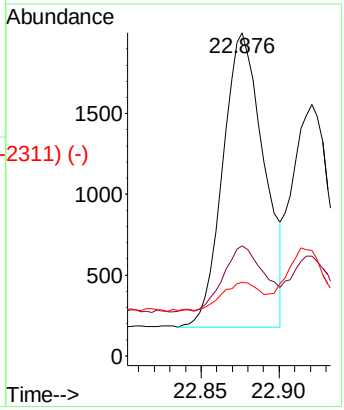
Instrument :
BNA_N
ClientSampleId :
EB-022321

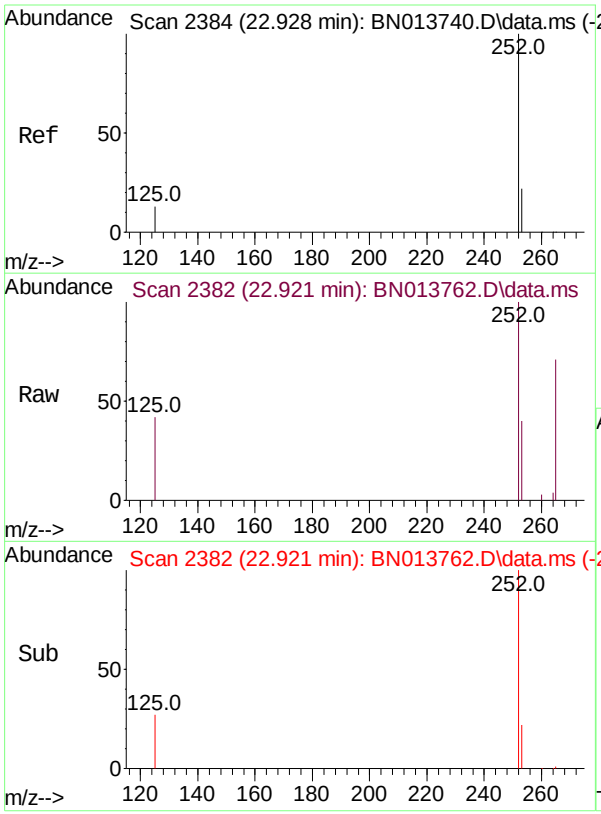


#37
Benzo(b)fluoranthene
Concen: 0.04 ng
RT: 22.876 min Scan# 2369
Delta R.T. -0.001 min
Lab File: BN013762.D
Acq: 25 Feb 2021 11:20

Tgt Ion:252 Resp: 3333

Ion	Ratio	Lower	Upper
252	100		
253	34.1	20.4	30.6#
125	22.8	11.6	17.4#

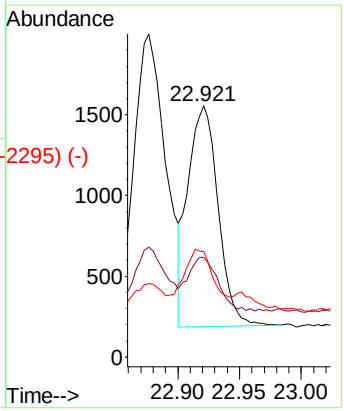




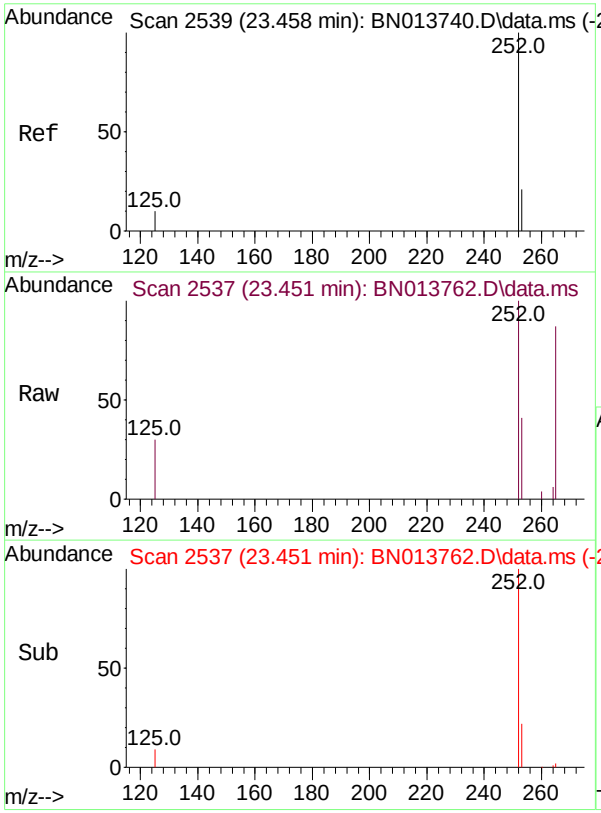
#38
Benzo(k)fluoranthene
Concen: 0.03 ng
RT: 22.921 min Scan# 2382
Delta R.T. -0.001 min
Lab File: BN013762.D
Acq: 25 Feb 2021 11:20

Tgt Ion:252 Resp: 2317

Ion	Ratio	Lower	Upper
252	100		
253	39.6	20.5	30.7#
125	42.1	12.3	18.5#



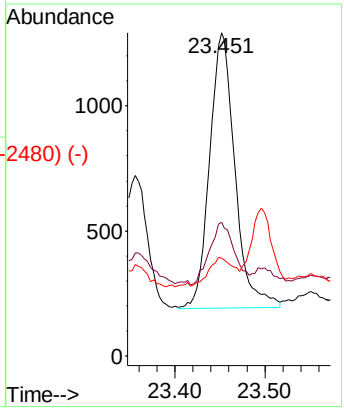
Instrument :
BNA_N
ClientSampleId :
EB-022321

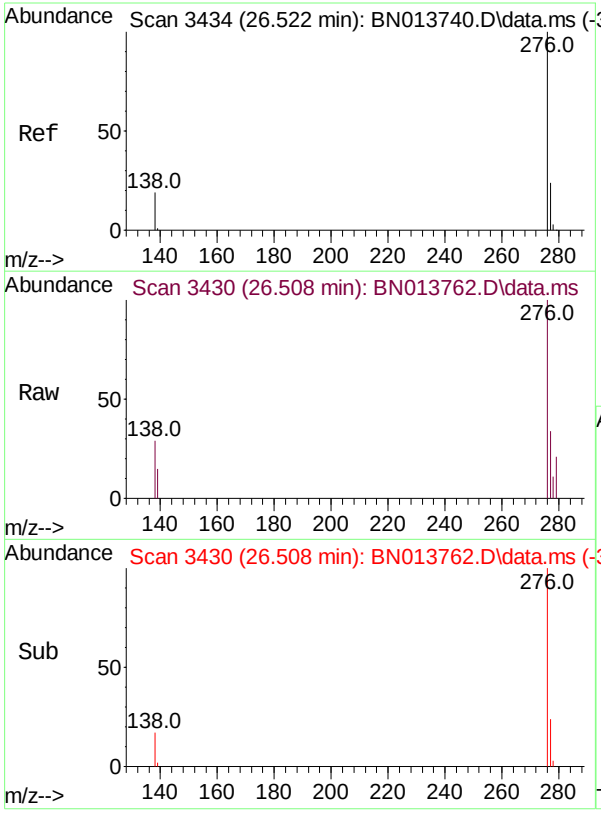


#39
Benzo(a)pyrene
Concen: 0.03 ng
RT: 23.451 min Scan# 2537
Delta R.T. -0.004 min
Lab File: BN013762.D
Acq: 25 Feb 2021 11:20

Tgt Ion:252 Resp: 2145

Ion	Ratio	Lower	Upper
252	100		
253	41.5	21.8	32.6#
125	30.2	14.6	21.8#





#41
Benzo(g,h,i)perylene
Concen: 0.03 ng
RT: 26.508 min Scan# 3430
Delta R.T. -0.001 min
Lab File: BN013762.D
Acq: 25 Feb 2021 11:20

Tgt Ion:276 Resp: 2037

Ion	Ratio	Lower	Upper
276	100		
277	33.6	20.0	30.0#
138	29.3	17.8	26.8#