

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070621\
 Data File : BN015349.D
 Acq On : 06 Jul 2021 21:38
 Operator : CG/JU
 Sample : M2898-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EB-01-062921

Quant Time: Jul 07 01:33:15 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 01 09:06:31 2021
 Response via : Initial Calibration

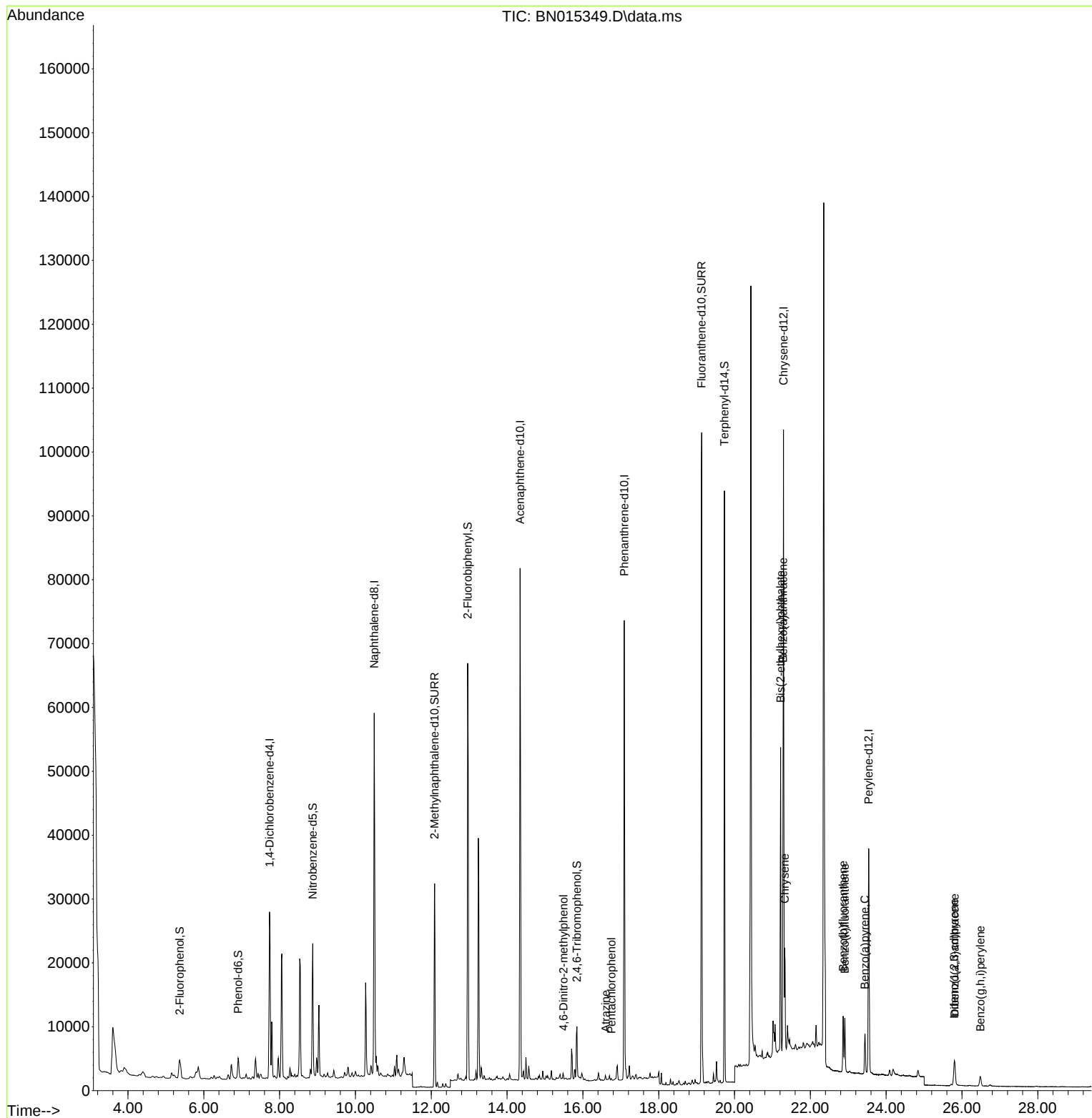
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.735	152	15951	0.40	ng	# 0.00
7) Naphthalene-d8	10.495	136	76022	0.40	ng	0.00
13) Acenaphthene-d10	14.345	164	44537	0.40	ng	0.00
19) Phenanthrene-d10	17.091	188	91106	0.40	ng	0.00
29) Chrysene-d12	21.291	240	81765	0.40	ng	#-0.01
35) Perylene-d12	23.539	264	46257	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.365	112	5504	0.14	ng	0.00
5) Phenol-d6	6.905	99	3850	0.08	ng	0.00
8) Nitrobenzene-d5	8.873	82	17789	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	12.087	152	42337	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.842	330	6825	0.58	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	58913	0.33	ng	0.00
27) Fluoranthene-d10	19.133	212	112951	0.42	ng	0.00
31) Terphenyl-d14	19.733	244	88185	0.46	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.487	198	2	0.19	ng	# 1
23) Atrazine	16.604	200	65	0.17	ng	# 39
24) Pentachlorophenol	16.750	266	79	0.25	ng	# 79
32) Benzo(a)anthracene	21.281	228	14511	0.05	ng	97
33) Chrysene	21.323	228	13937	0.05	ng	98
34) Bis(2-ethylhexyl)phtha...	21.217	149	41424	0.56	ng	# 88
36) Indeno(1,2,3-cd)pyrene	25.792	276	4399	0.03	ng	# 89
37) Benzo(b)fluoranthene	22.865	252	10536	0.06	ng	# 71
38) Benzo(k)fluoranthene	22.910	252	10131	0.05	ng	# 81
39) Benzo(a)pyrene	23.440	252	7806	0.05	ng	# 58
40) Dibenzo(a,h)anthracene	25.809	278	4047	0.03	ng	# 78
41) Benzo(g,h,i)perylene	26.483	276	3067	0.02	ng	# 72

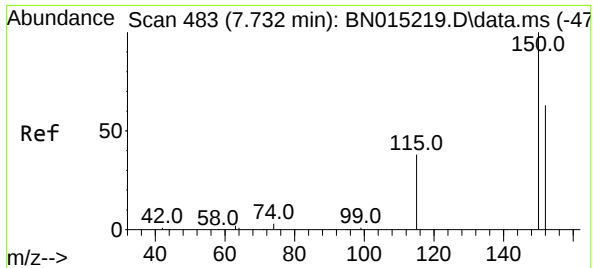
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070621\
Data File : BN015349.D
Acq On : 06 Jul 2021 21:38
Operator : CG/JU
Sample : M2898-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EB-01-062921

Quant Time: Jul 07 01:33:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 01 09:06:31 2021
Response via : Initial Calibration

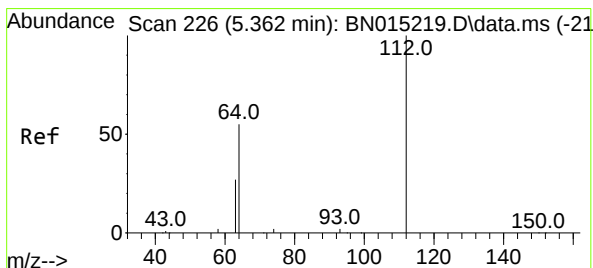
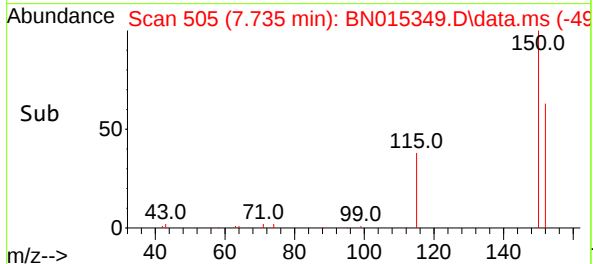
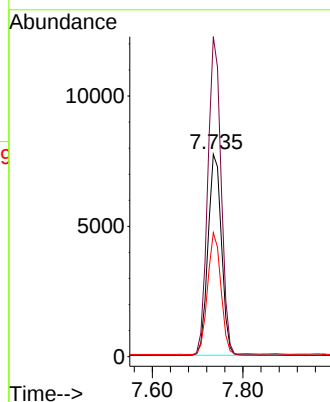
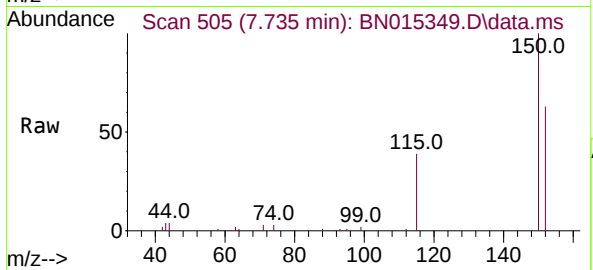




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.735 min Scan# 505
Delta R.T. 0.003 min
Lab File: BN015349.D
Acq: 06 Jul 2021 21:38

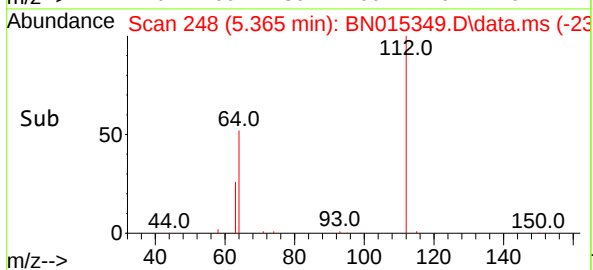
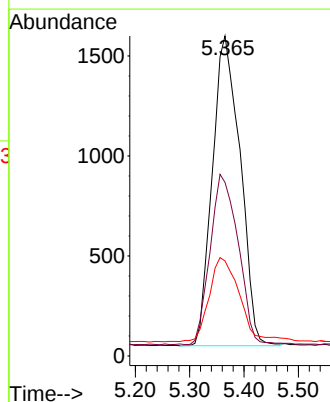
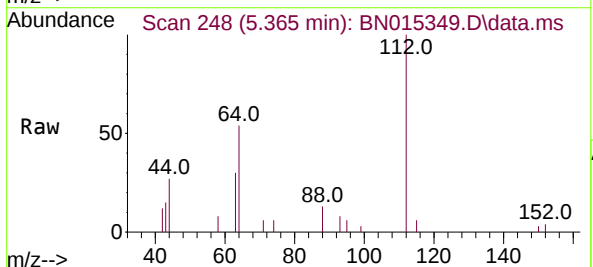
Instrument :
BNA_N
ClientSampleId :
EB-01-062921

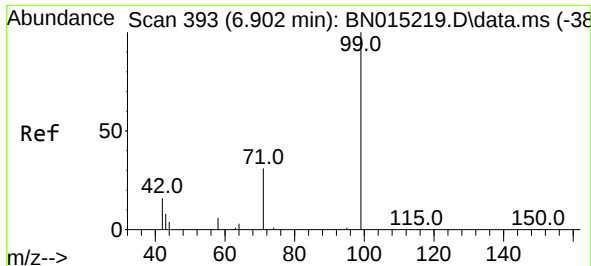
Tgt Ion:152 Resp: 15951
Ion Ratio Lower Upper
152 100
150 158.1 119.0 178.6
115 61.3 62.2 93.4#



#4
2-Fluorophenol
Concen: 0.14 ng
RT: 5.365 min Scan# 248
Delta R.T. 0.003 min
Lab File: BN015349.D
Acq: 06 Jul 2021 21:38

Tgt Ion:112 Resp: 5504
Ion Ratio Lower Upper
112 100
64 55.4 39.0 58.6
63 29.3 20.6 30.8

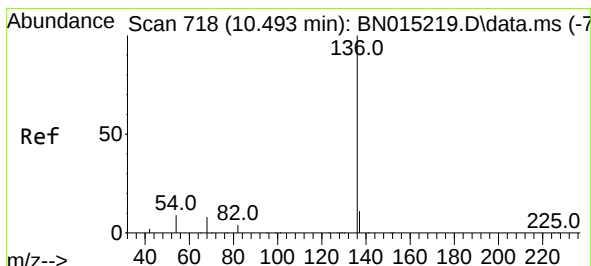
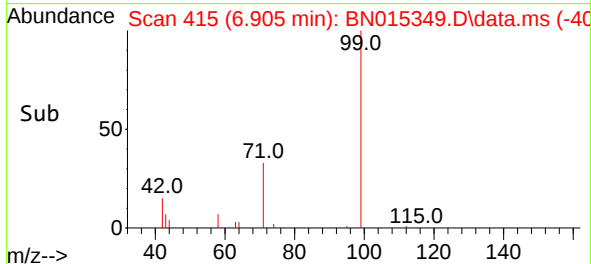
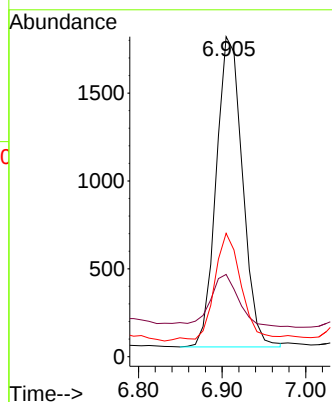
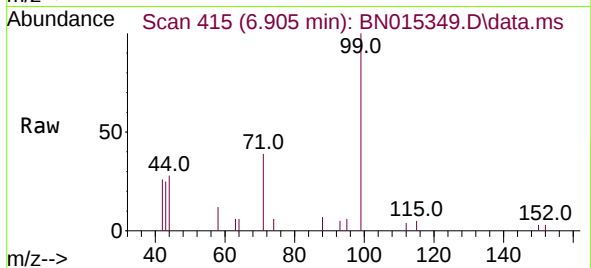




#5
Phenol-d6
Concen: 0.08 ng
RT: 6.905 min Scan# 415
Delta R.T. 0.003 min
Lab File: BN015349.D
Acq: 06 Jul 2021 21:38

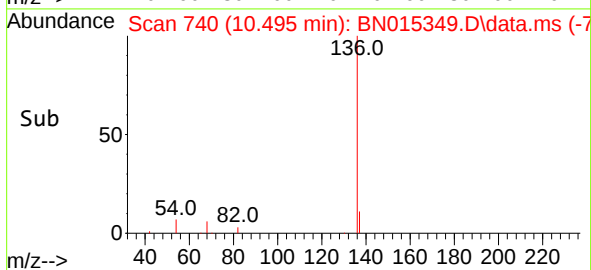
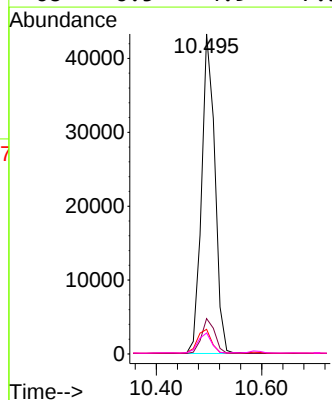
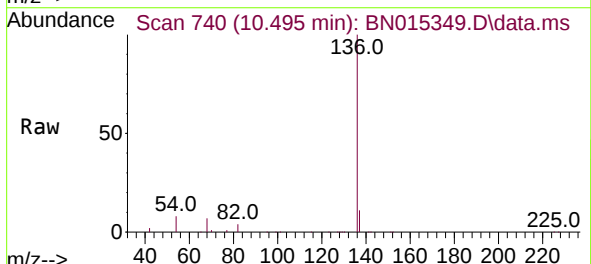
Instrument :
BNA_N
ClientSampleId :
EB-01-062921

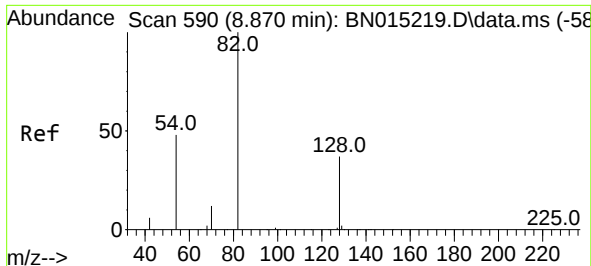
Tgt Ion: 99 Resp: 3850
Ion Ratio Lower Upper
99 100
42 17.5 8.9 13.3#
71 35.9 35.6 53.4



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.495 min Scan# 740
Delta R.T. 0.003 min
Lab File: BN015349.D
Acq: 06 Jul 2021 21:38

Tgt Ion: 136 Resp: 76022
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.8
54 7.7 5.4 8.2
68 6.5 4.9 7.3

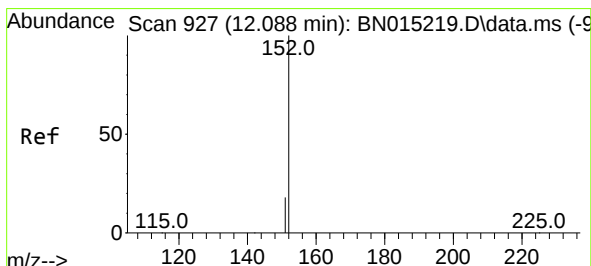
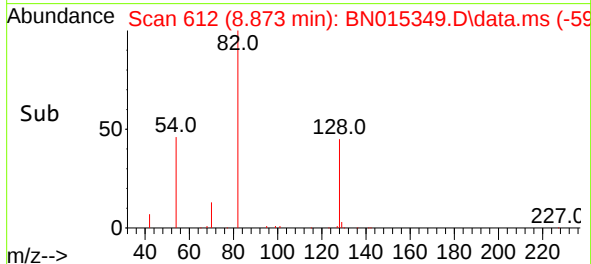
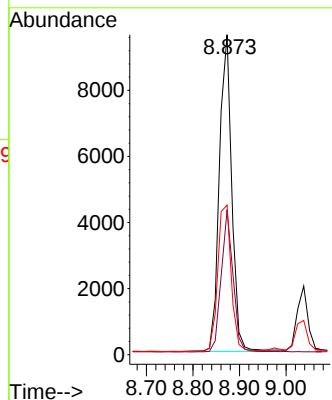
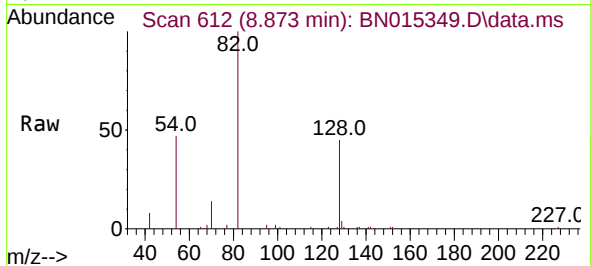




#8
Nitrobenzene-d5
Concen: 0.42 ng
RT: 8.873 min Scan# 612
Delta R.T. 0.003 min
Lab File: BN015349.D
Acq: 06 Jul 2021 21:38

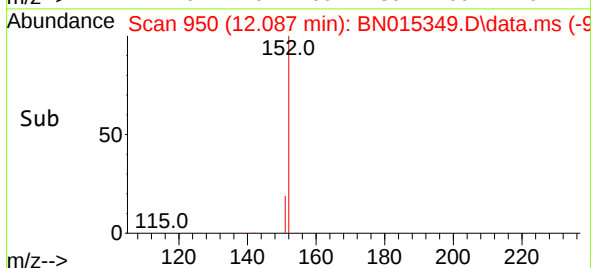
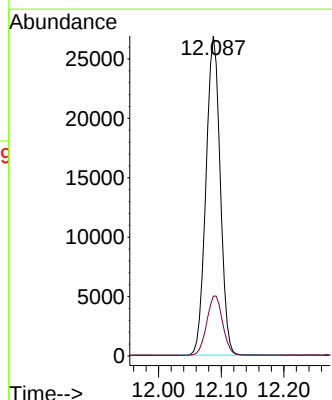
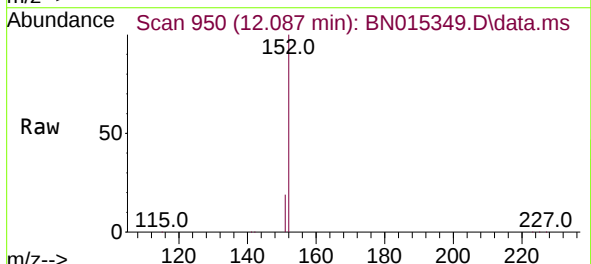
Instrument :
BNA_N
ClientSampleId :
EB-01-062921

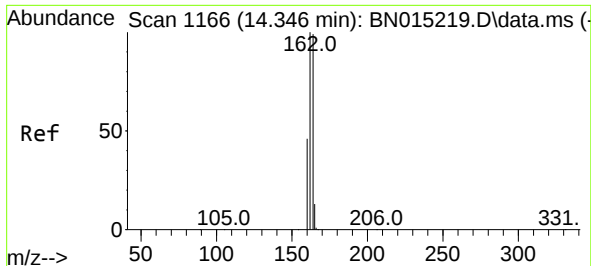
Tgt Ion: 82 Resp: 17789
Ion Ratio Lower Upper
82 100
128 45.3 31.6 47.4
54 46.7 29.0 43.4#



#11
2-Methylnaphthalene-d10
Concen: 0.34 ng
RT: 12.087 min Scan# 950
Delta R.T. -0.001 min
Lab File: BN015349.D
Acq: 06 Jul 2021 21:38

Tgt Ion: 152 Resp: 42337
Ion Ratio Lower Upper
152 100
151 20.8 16.7 25.1

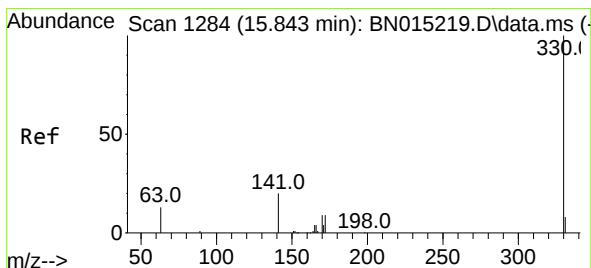
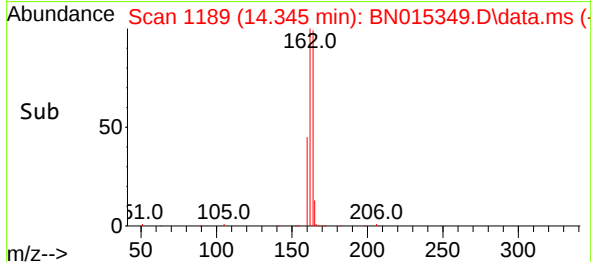
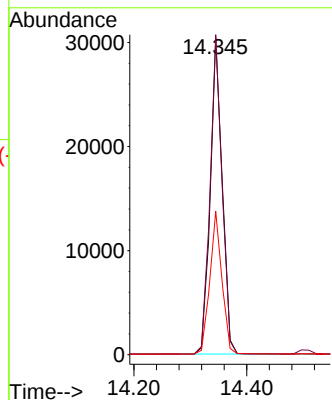
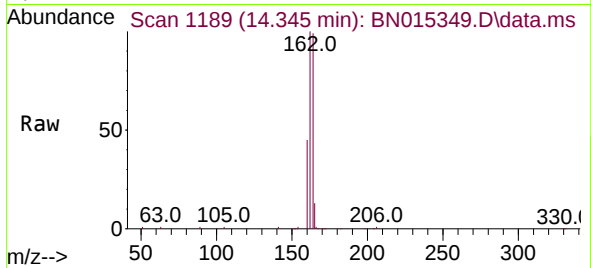




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.345 min Scan# 1189
Delta R.T. -0.001 min
Lab File: BN015349.D
Acq: 06 Jul 2021 21:38

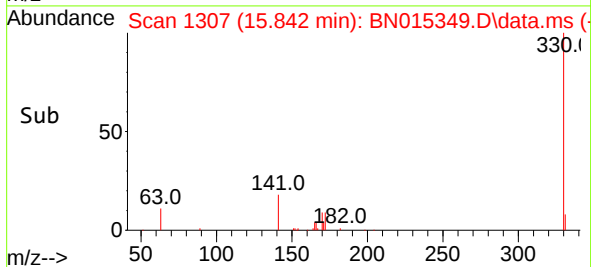
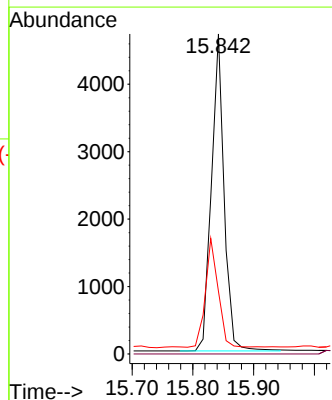
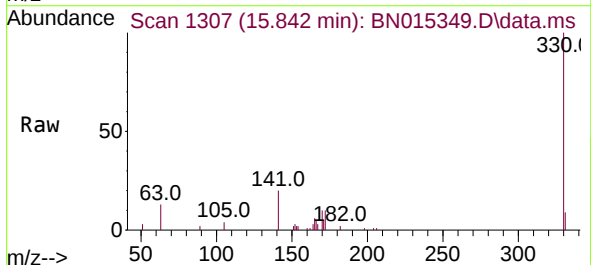
Instrument :
BNA_N
ClientSampleId :
EB-01-062921

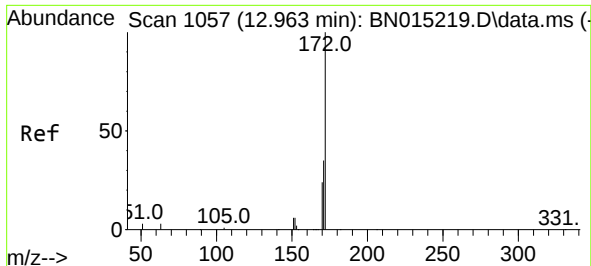
Tgt Ion:164 Resp: 44537
Ion Ratio Lower Upper
164 100
162 100.9 83.8 125.6
160 45.2 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.58 ng
RT: 15.842 min Scan# 1307
Delta R.T. -0.001 min
Lab File: BN015349.D
Acq: 06 Jul 2021 21:38

Tgt Ion:330 Resp: 6825
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 34.2 22.4 33.6#

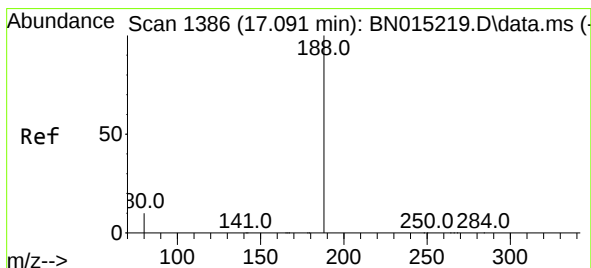
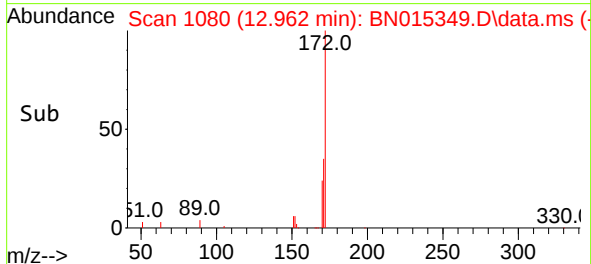
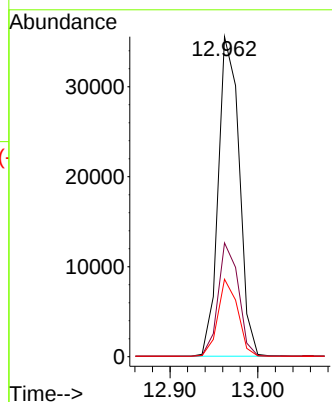
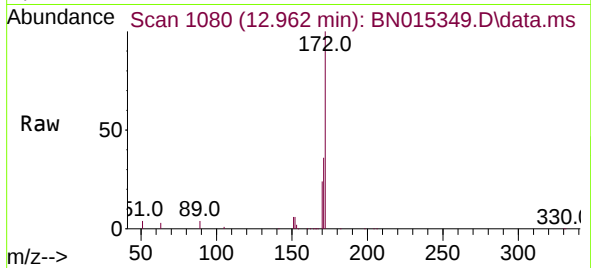




#15
2-Fluorobiphenyl
Concen: 0.33 ng
RT: 12.962 min Scan# 1080
Delta R.T. -0.001 min
Lab File: BN015349.D
Acq: 06 Jul 2021 21:38

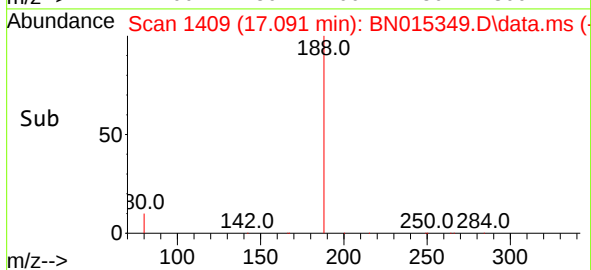
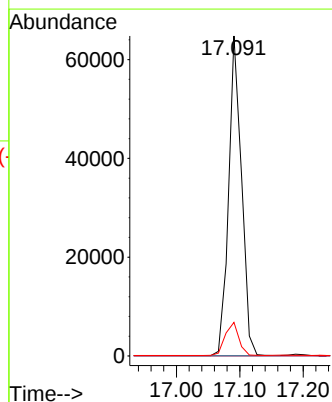
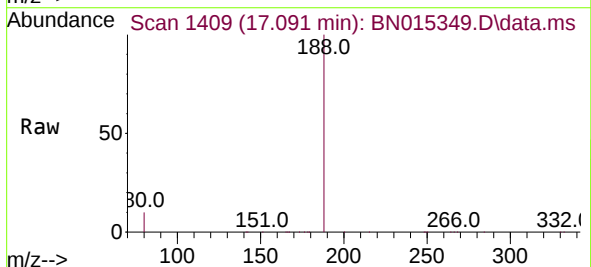
Instrument :
BNA_N
ClientSampleId :
EB-01-062921

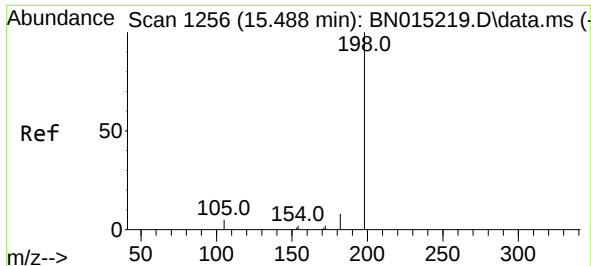
Tgt Ion:172	Resp:	58913
Ion Ratio	Lower	Upper
172	100	
171	35.5	30.6 45.8
170	24.2	20.2 30.4



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.091 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BN015349.D
Acq: 06 Jul 2021 21:38

Tgt Ion:188	Resp:	91106
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	10.5	9.0 13.4

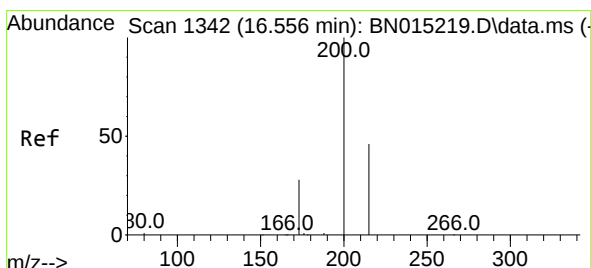
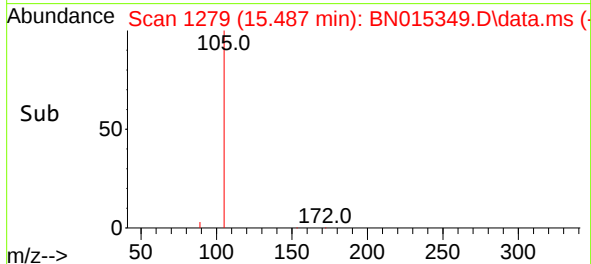
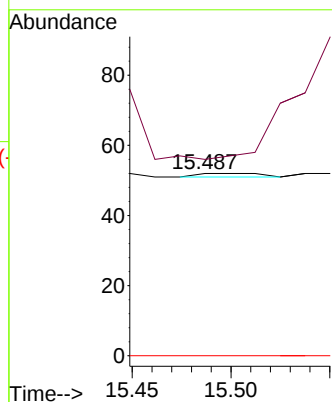
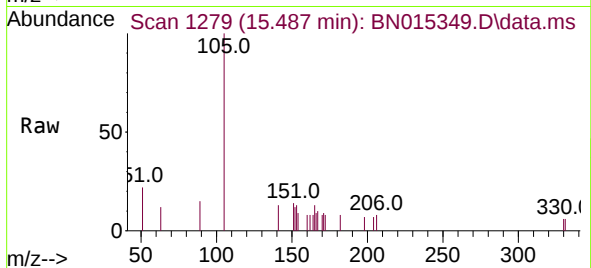




#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.487 min Scan# 1279
Delta R.T. -0.001 min
Lab File: BN015349.D
Acq: 06 Jul 2021 21:38

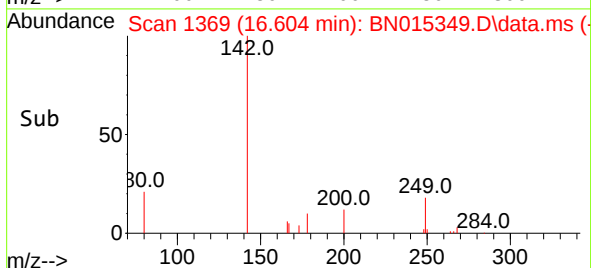
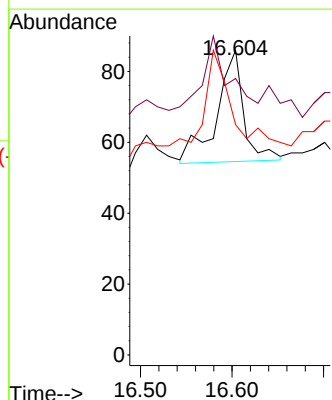
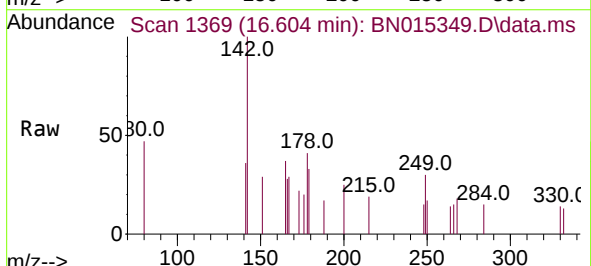
Instrument :
BNA_N
ClientSampleId :
EB-01-062921

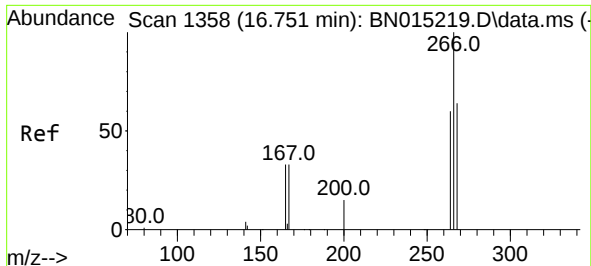
Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
182 107.7 34.5 51.7#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.17 ng
RT: 16.604 min Scan# 1369
Delta R.T. 0.048 min
Lab File: BN015349.D
Acq: 06 Jul 2021 21:38

Tgt Ion:200 Resp: 65
Ion Ratio Lower Upper
200 100
173 90.7 21.7 32.5#
215 75.6 43.1 64.7#

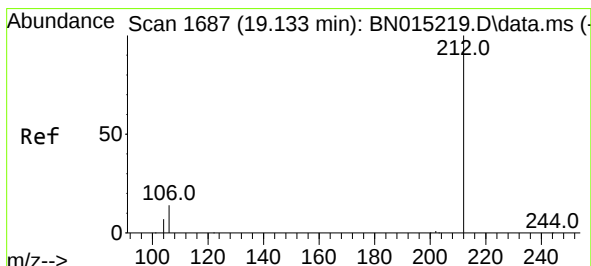
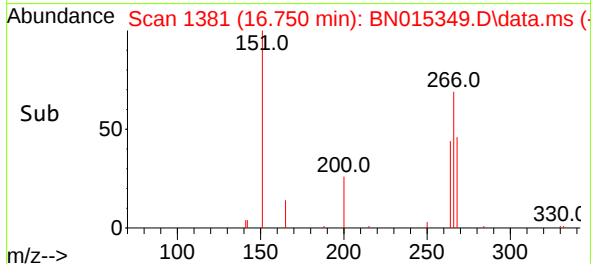
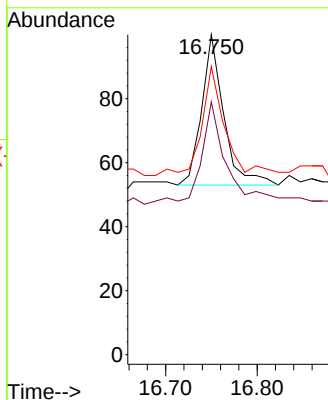
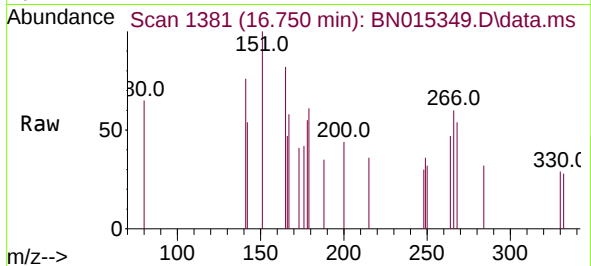




#24
Pentachlorophenol
Concen: 0.25 ng
RT: 16.750 min Scan# 1381
Delta R.T. -0.001 min
Lab File: BN015349.D
Acq: 06 Jul 2021 21:38

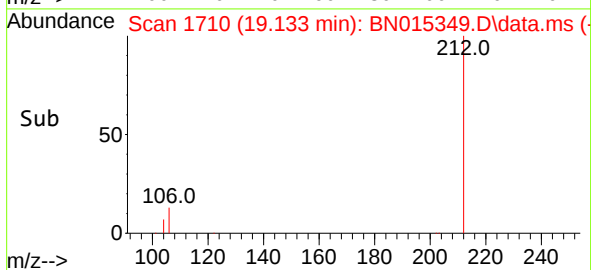
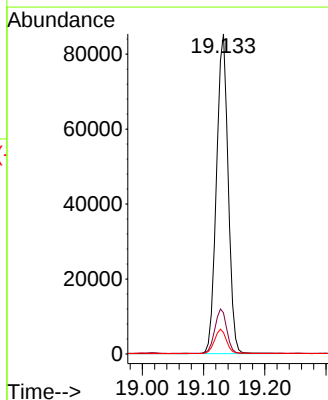
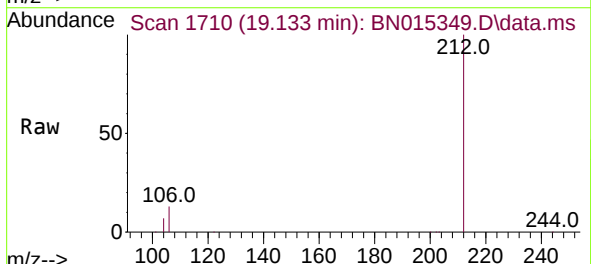
Instrument :
BNA_N
ClientSampleId :
EB-01-062921

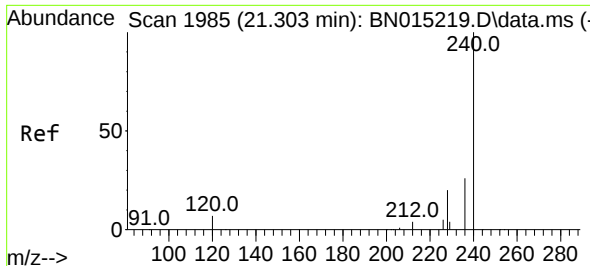
Tgt Ion:	266	Resp:	79
Ion Ratio	Lower	Upper	
266	100		
264	83.5	51.0	76.4#
268	75.9	50.6	76.0



#27
Fluoranthene-d10
Concen: 0.42 ng
RT: 19.133 min Scan# 1710
Delta R.T. -0.000 min
Lab File: BN015349.D
Acq: 06 Jul 2021 21:38

Tgt Ion:	212	Resp:	112951
Ion Ratio	Lower	Upper	
212	100		
106	14.0	7.0	10.6#
104	7.9	4.1	6.1#

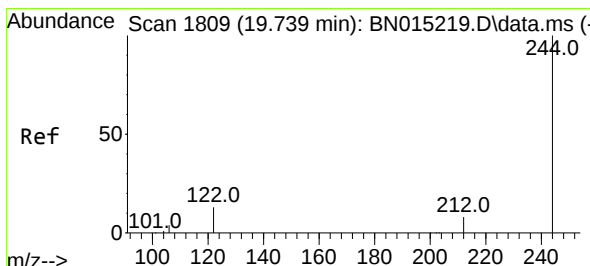
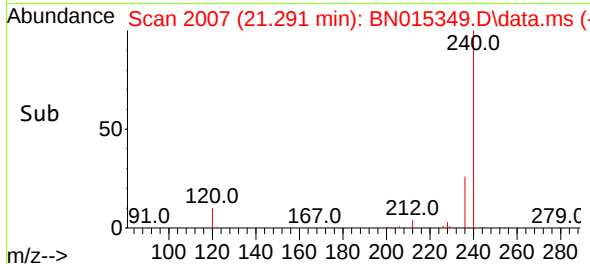
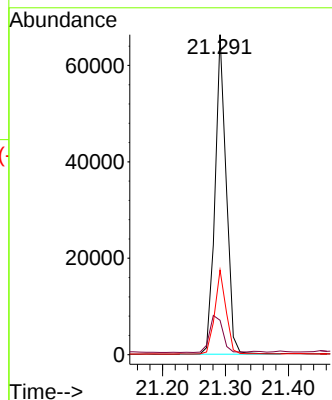
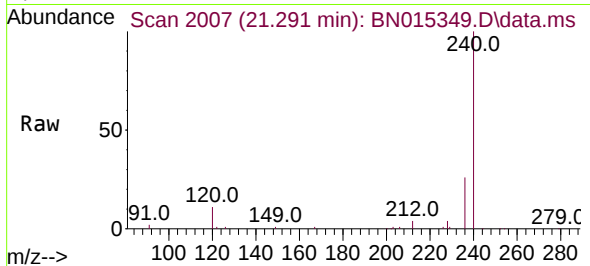




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.291 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BN015349.D
Acq: 06 Jul 2021 21:38

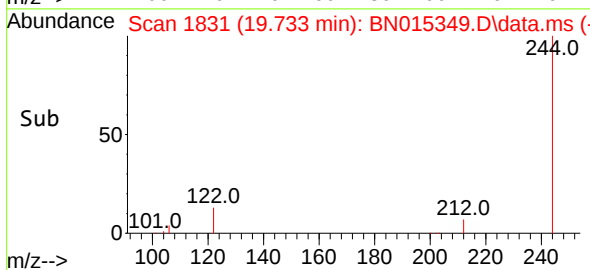
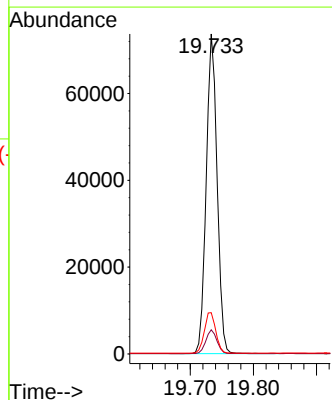
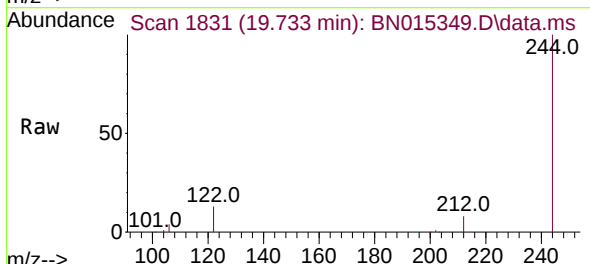
Instrument :
BNA_N
ClientSampleId :
EB-01-062921

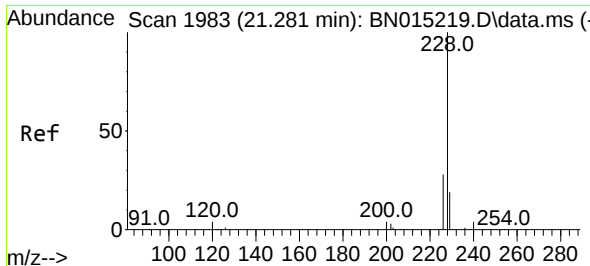
Tgt Ion:240 Resp: 81765
Ion Ratio Lower Upper
240 100
120 10.7 4.2 6.4#
236 26.5 21.4 32.2



#31
Terphenyl-d14
Concen: 0.46 ng
RT: 19.733 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BN015349.D
Acq: 06 Jul 2021 21:38

Tgt Ion:244 Resp: 88185
Ion Ratio Lower Upper
244 100
212 7.5 6.3 9.5
122 12.9 6.2 9.2#

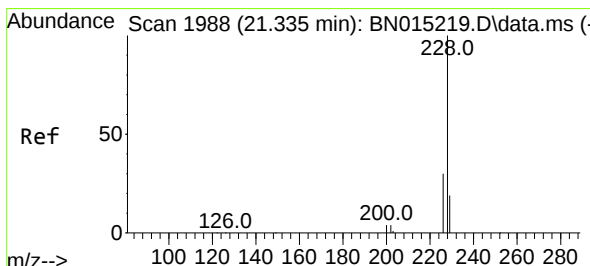
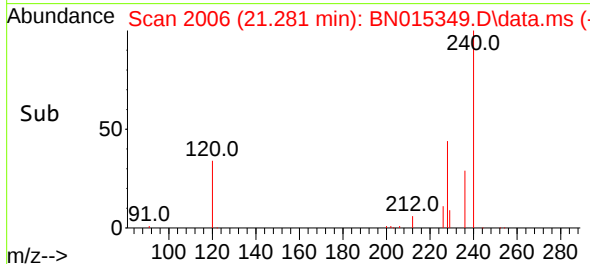
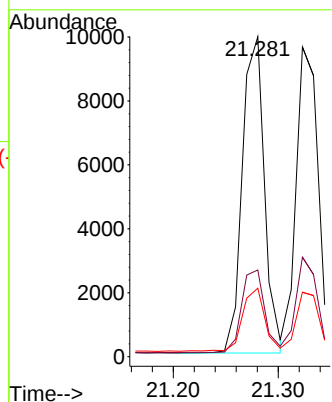
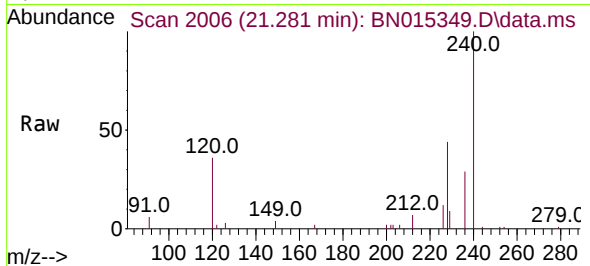




#32
Benzo(a)anthracene
Concen: 0.05 ng
RT: 21.281 min Scan# 2006
Delta R.T. -0.000 min
Lab File: BN015349.D
Acq: 06 Jul 2021 21:38

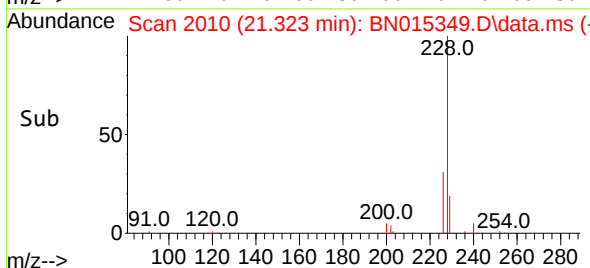
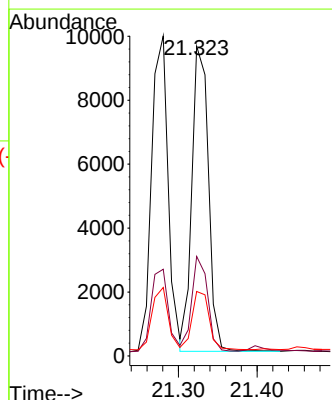
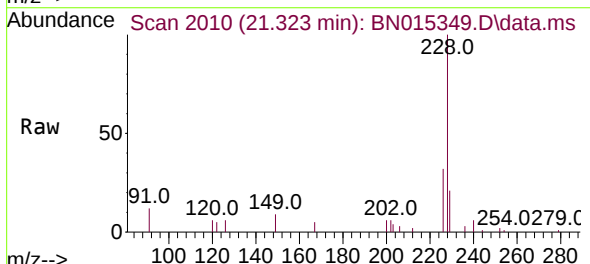
Instrument :
BNA_N
ClientSampleId :
EB-01-062921

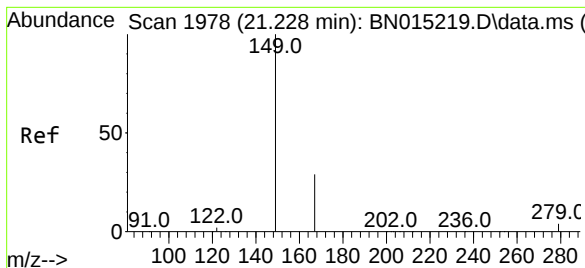
Tgt Ion:228 Resp: 14511
Ion Ratio Lower Upper
228 100
226 27.1 23.0 34.6
229 21.4 15.7 23.5



#33
Chrysene
Concen: 0.05 ng
RT: 21.323 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BN015349.D
Acq: 06 Jul 2021 21:38

Tgt Ion:228 Resp: 13937
Ion Ratio Lower Upper
228 100
226 32.1 25.0 37.6
229 20.8 15.9 23.9

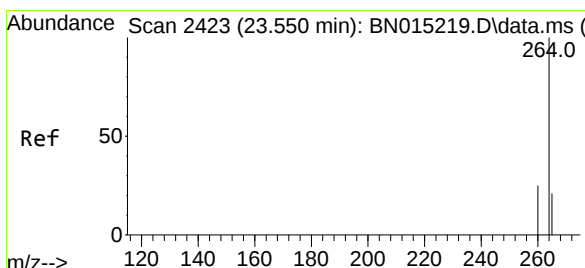
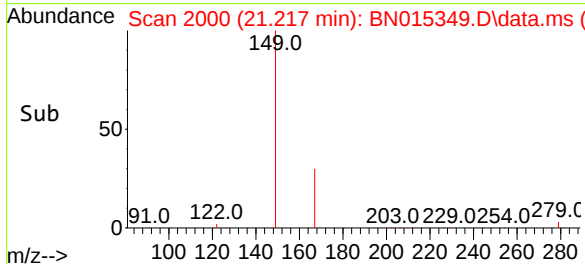
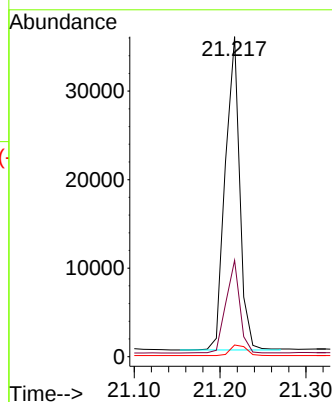
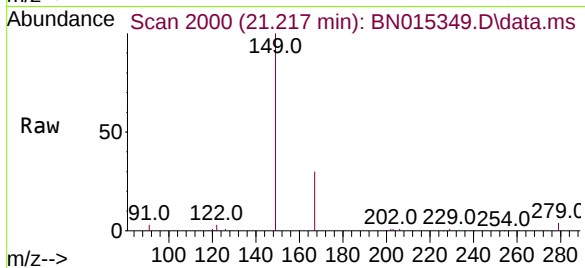




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.56 ng
RT: 21.217 min Scan# 2000
Delta R.T. -0.011 min
Lab File: BN015349.D
Acq: 06 Jul 2021 21:38

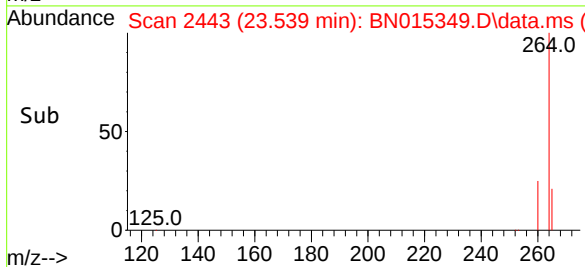
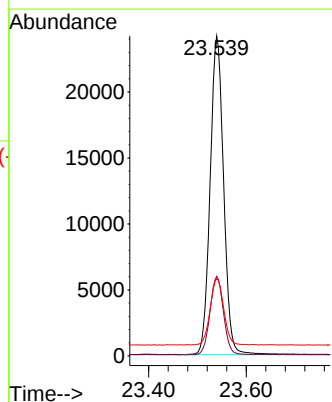
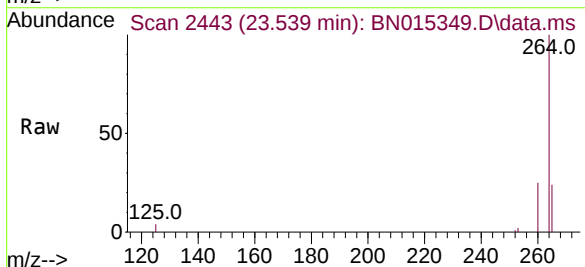
Instrument :
BNA_N
ClientSampleId :
EB-01-062921

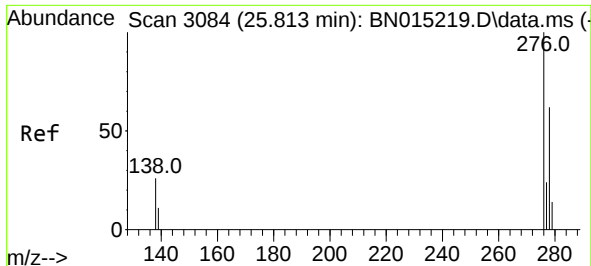
Tgt Ion:149 Resp: 41424
Ion Ratio Lower Upper
149 100
167 28.4 28.9 43.3#
279 3.9 4.9 7.3#



#35
Perylene-d12
Concen: 0.40 ng
RT: 23.539 min Scan# 2443
Delta R.T. -0.011 min
Lab File: BN015349.D
Acq: 06 Jul 2021 21:38

Tgt Ion:264 Resp: 46257
Ion Ratio Lower Upper
264 100
260 24.9 20.6 31.0
265 24.2 21.4 32.2

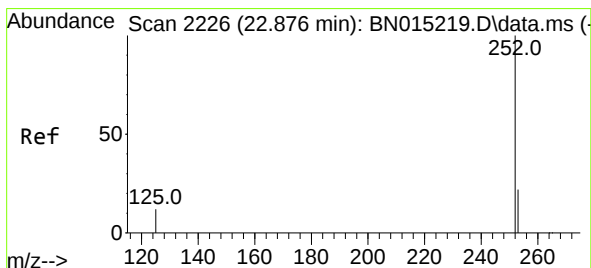
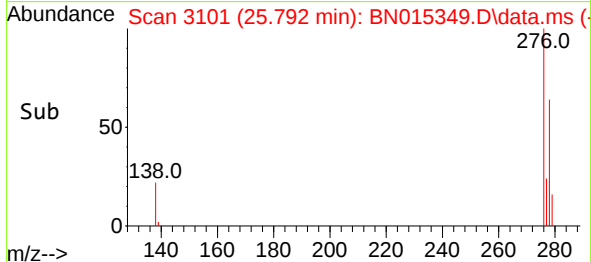
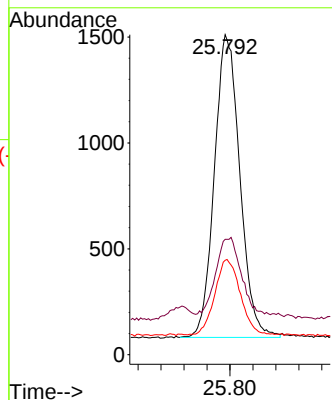
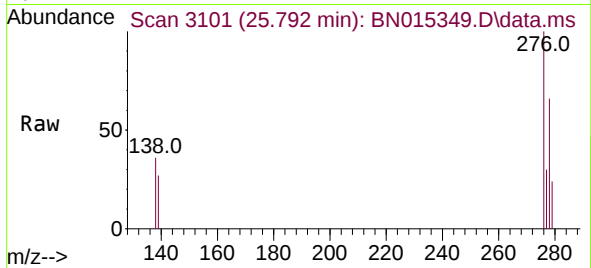




#36
Indeno(1,2,3-cd)pyrene
Concen: 0.03 ng
RT: 25.792 min Scan# 3101
Delta R.T. -0.021 min
Lab File: BN015349.D
Acq: 06 Jul 2021 21:38

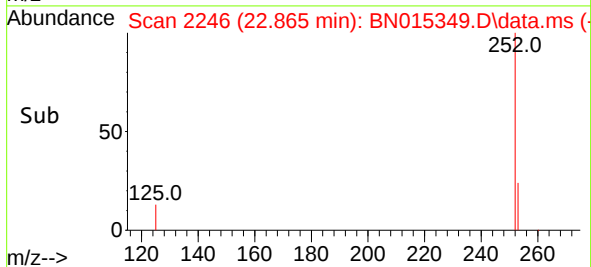
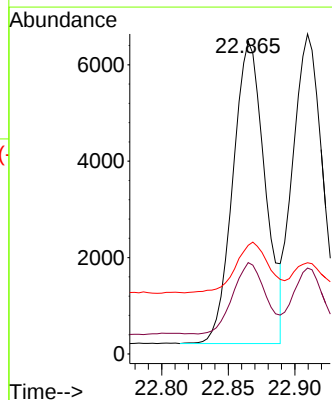
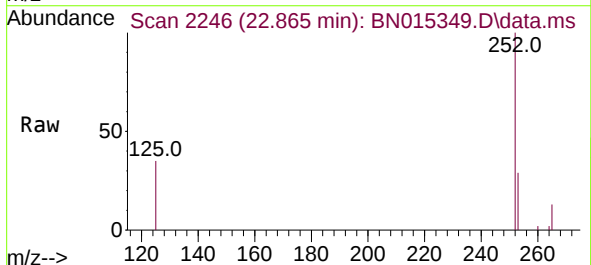
Instrument :
BNA_N
ClientSampleId :
EB-01-062921

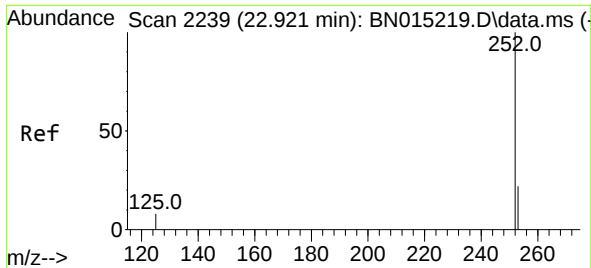
Tgt Ion:276 Resp: 4399
Ion Ratio Lower Upper
276 100
138 24.9 10.0 15.0#
277 24.9 20.4 30.6



#37
Benzo(b)fluoranthene
Concen: 0.06 ng
RT: 22.865 min Scan# 2246
Delta R.T. -0.011 min
Lab File: BN015349.D
Acq: 06 Jul 2021 21:38

Tgt Ion:252 Resp: 10536
Ion Ratio Lower Upper
252 100
253 29.2 18.5 27.7#
125 34.8 5.8 8.6#

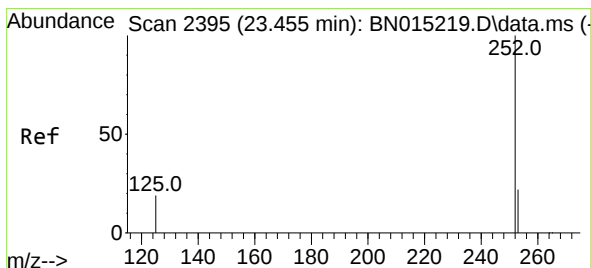
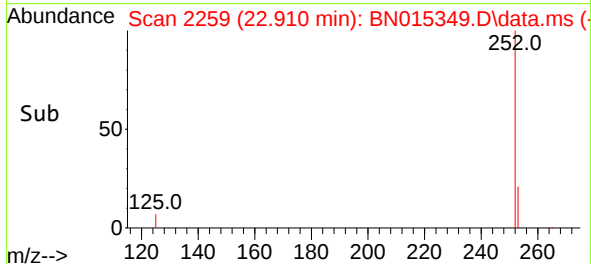
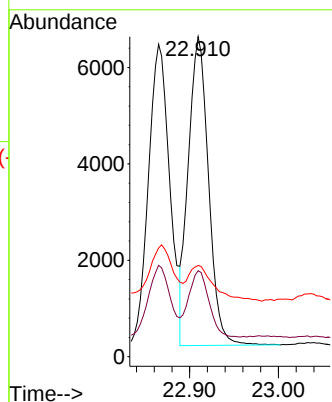
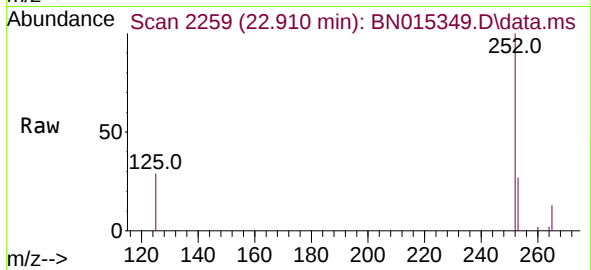




#38
Benzo(k)fluoranthene
Concen: 0.05 ng
RT: 22.910 min Scan# 2259
Delta R.T. -0.011 min
Lab File: BN015349.D
Acq: 06 Jul 2021 21:38

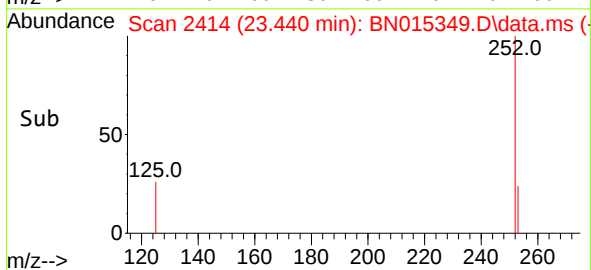
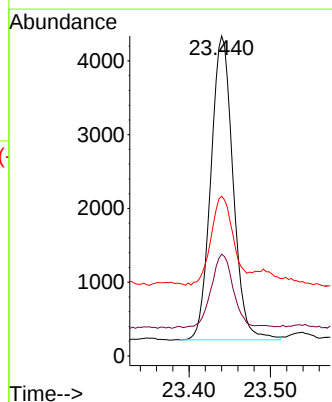
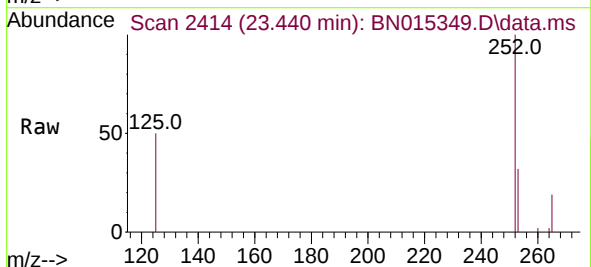
Instrument :
BNA_N
ClientSampleId :
EB-01-062921

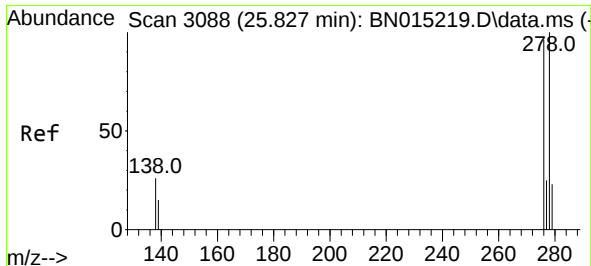
Tgt Ion:252 Resp: 10131
Ion Ratio Lower Upper
252 100
253 26.9 19.1 28.7
125 28.5 5.4 8.0#



#39
Benzo(a)pyrene
Concen: 0.05 ng
RT: 23.440 min Scan# 2414
Delta R.T. -0.015 min
Lab File: BN015349.D
Acq: 06 Jul 2021 21:38

Tgt Ion:252 Resp: 7806
Ion Ratio Lower Upper
252 100
253 31.8 19.4 29.2#
125 49.9 7.4 11.2#

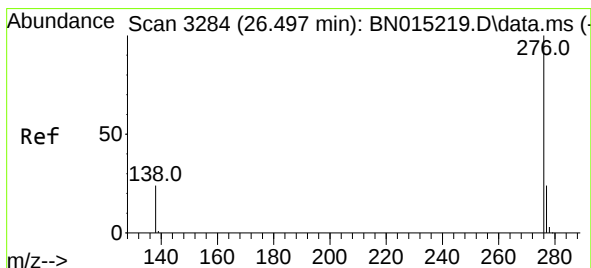
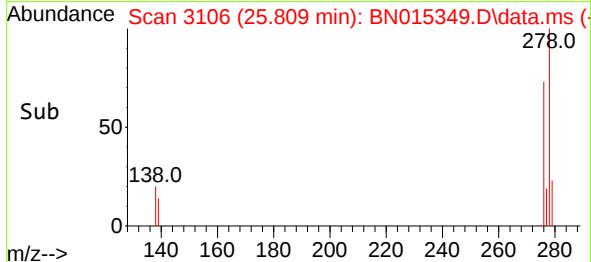
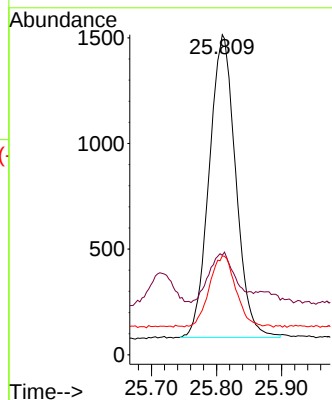
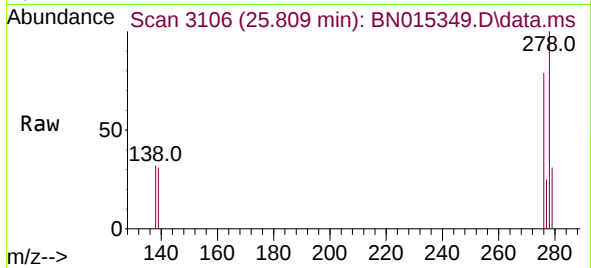




#40
Dibenzo(a,h)anthracene
Concen: 0.03 ng
RT: 25.809 min Scan# 3106
Delta R.T. -0.018 min
Lab File: BN015349.D
Acq: 06 Jul 2021 21:38

Instrument :
BNA_N
ClientSampled :
EB-01-062921

Tgt Ion:278 Resp: 4047
Ion Ratio Lower Upper
278 100
139 31.1 9.0 13.4#
279 30.9 21.0 31.4



#41
Benzo(g,h,i)perylene
Concen: 0.02 ng
RT: 26.483 min Scan# 3303
Delta R.T. -0.015 min
Lab File: BN015349.D
Acq: 06 Jul 2021 21:38

Tgt Ion:276 Resp: 3067
Ion Ratio Lower Upper
276 100
277 29.8 19.7 29.5#
138 36.6 9.8 14.6#

