

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070721\
 Data File : BN015393.D
 Acq On : 08 Jul 2021 04:45
 Operator : CG/JU
 Sample : M2953-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 08 06:45:49 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 07 11:11:38 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

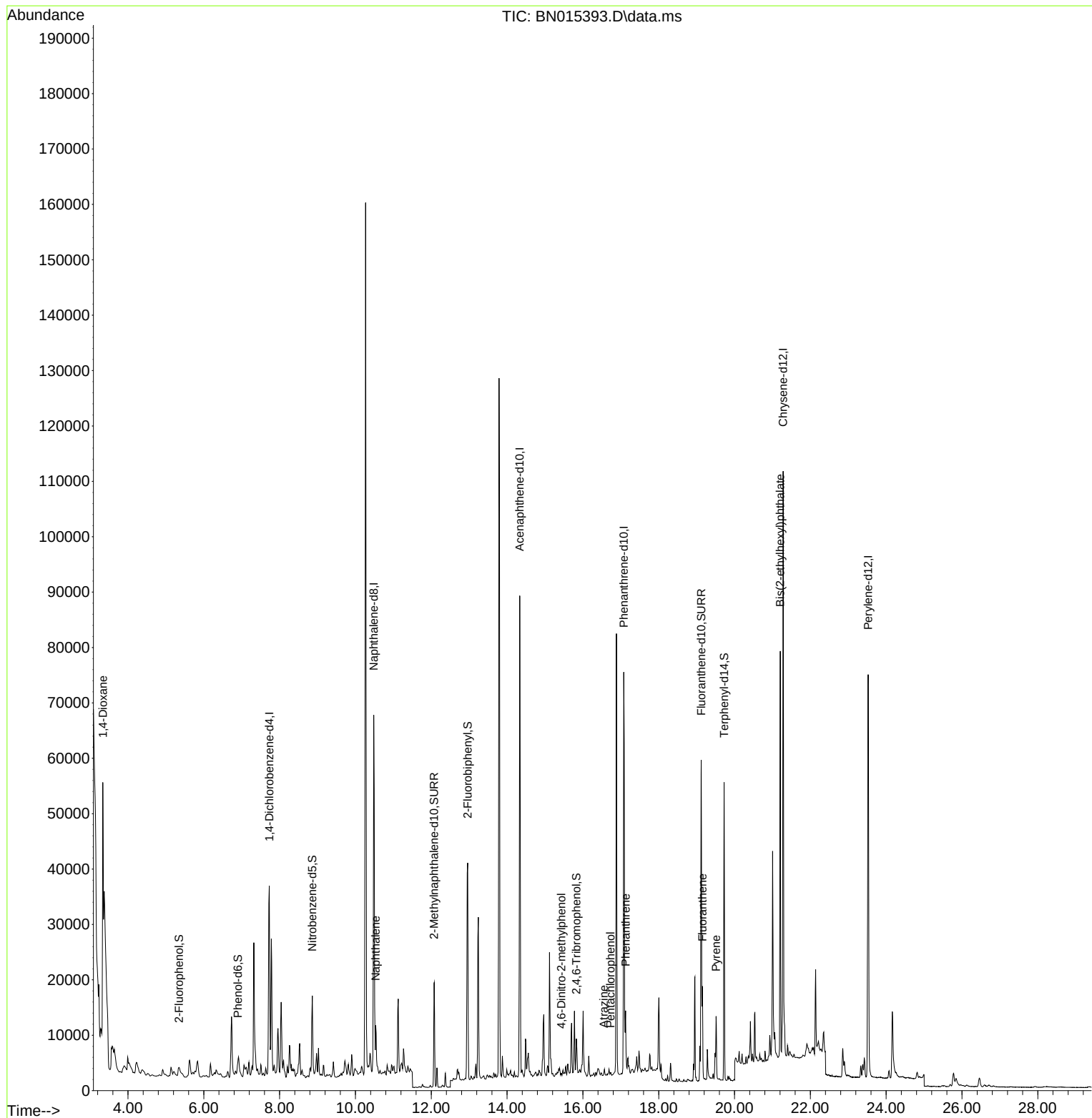
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.725	152	19546	0.40	ng	# 0.00
7) Naphthalene-d8	10.483	136	89505	0.40	ng	# 0.00
13) Acenaphthene-d10	14.332	164	51418	0.40	ng	0.00
19) Phenanthrene-d10	17.078	188	101996	0.40	ng	0.00
29) Chrysene-d12	21.280	240	93454	0.40	ng	#-0.01
35) Perylene-d12	23.525	264	91595	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.346	112	3137	0.06	ng	0.00
5) Phenol-d6	6.895	99	2407	0.04	ng	0.00
8) Nitrobenzene-d5	8.860	82	12366	0.25	ng	0.00
11) 2-Methylnaphthalene-d10	12.074	152	25584	0.17	ng	0.00
14) 2,4,6-Tribromophenol	15.829	330	3598	0.38	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	35512	0.17	ng	0.00
27) Fluoranthene-d10	19.122	212	63801	0.21	ng	0.00
31) Terphenyl-d14	19.723	244	51919	0.24	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.336	88	38460	4.20	ng	# 80
9) Naphthalene	10.533	128	8736	0.03	ng	98
20) 4,6-Dinitro-2-methylph...	15.436	198	22	0.20	ng	# 1
23) Atrazine	16.555	200	93	0.17	ng	# 1
24) Pentachlorophenol	16.725	266	198	0.26	ng	# 58
25) Phenanthrene	17.127	178	11599	0.04	ng	96
28) Fluoranthene	19.152	202	14439	0.04	ng	# 93
30) Pyrene	19.515	202	10039	0.03	ng	96
34) Bis(2-ethylhexyl)phtha...	21.206	149	60300	0.66	ng	# 88

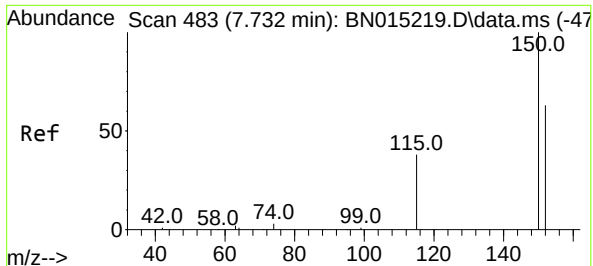
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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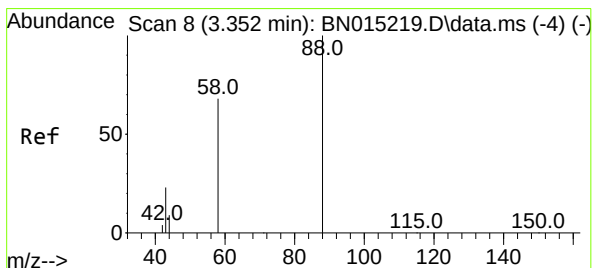
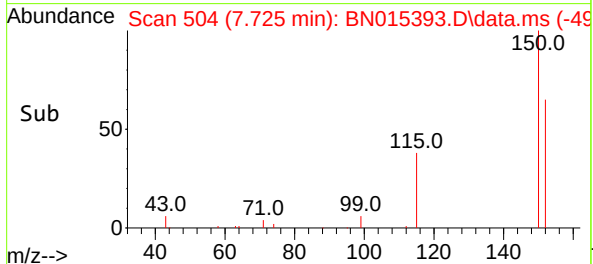
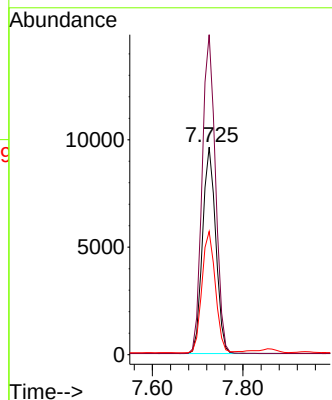
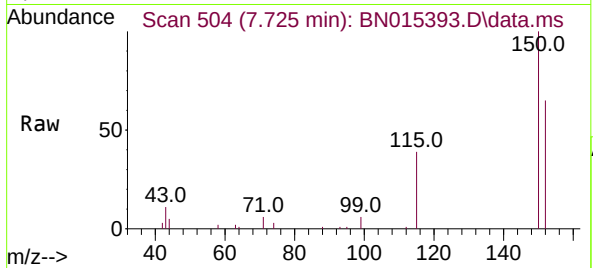




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.725 min Scan# 504
 Delta R.T. 0.000 min
 Lab File: BN015393.D
 Acq: 08 Jul 2021 04:45

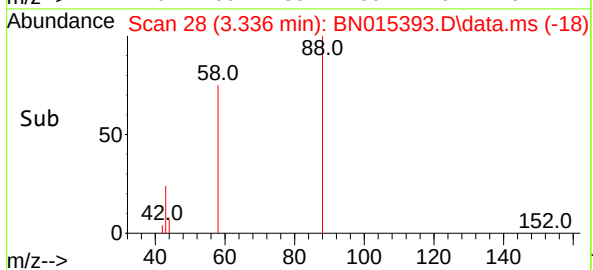
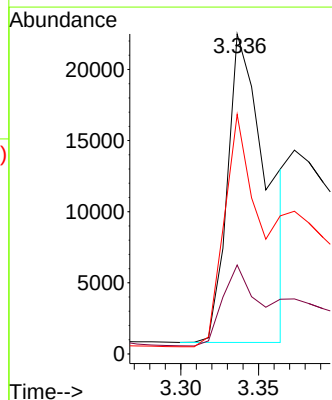
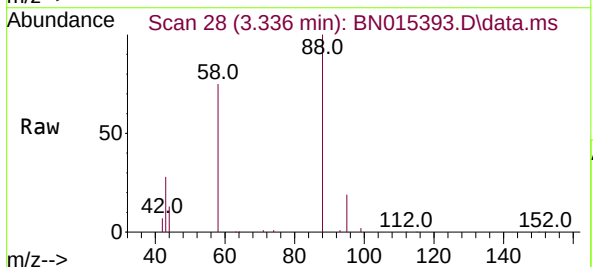
Instrument :
 BNA_N
 ClientSampled :

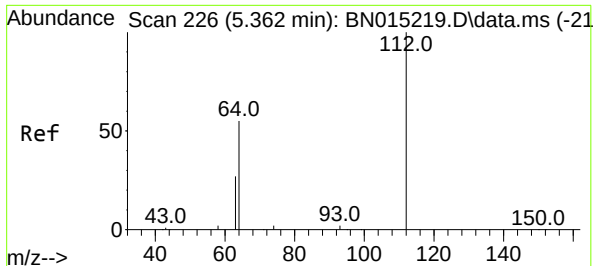
Tgt Ion:152 Resp: 19546
 Ion Ratio Lower Upper
 152 100
 150 154.2 119.0 178.6
 115 59.4 62.2 93.4#



#2
 1,4-Dioxane
 Concen: 4.20 ng
 RT: 3.336 min Scan# 28
 Delta R.T. -0.009 min
 Lab File: BN015393.D
 Acq: 08 Jul 2021 04:45

Tgt Ion: 88 Resp: 38460
 Ion Ratio Lower Upper
 88 100
 43 22.4 12.9 19.3#
 58 62.3 38.1 57.1#

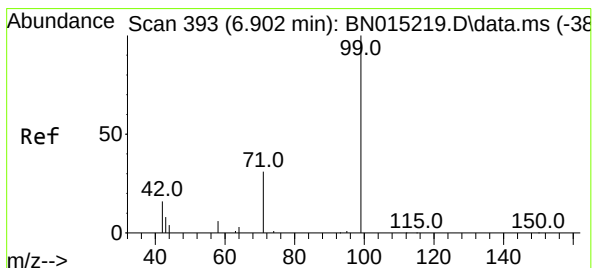
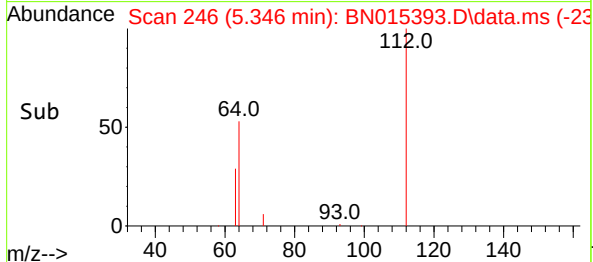
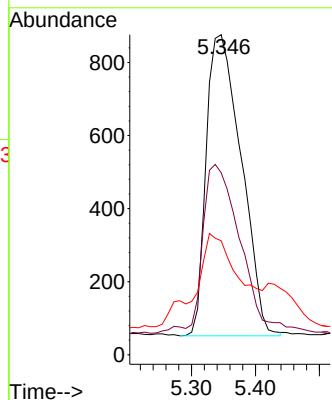
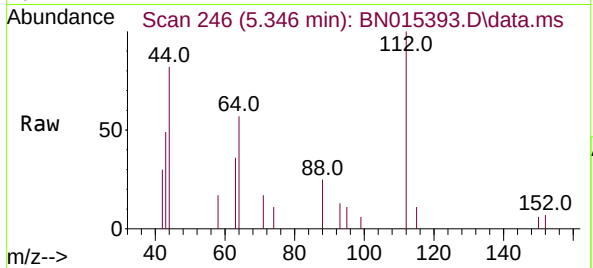




#4
2-Fluorophenol
Concen: 0.06 ng
RT: 5.346 min Scan# 246
Delta R.T. 0.009 min
Lab File: BN015393.D
Acq: 08 Jul 2021 04:45

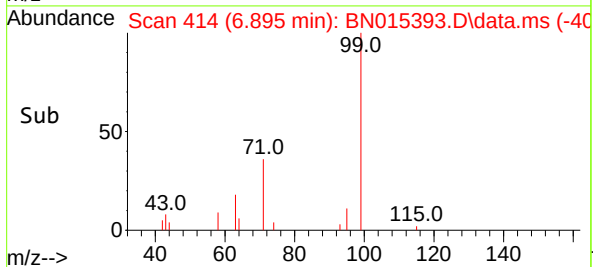
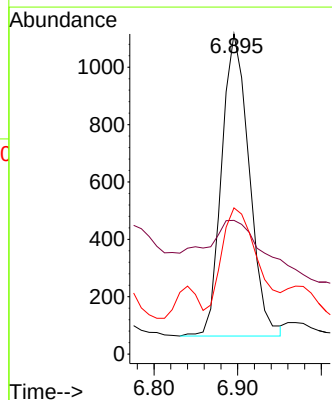
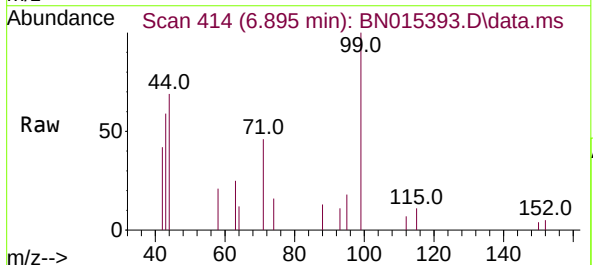
Instrument :
BNA_N
ClientSampled :

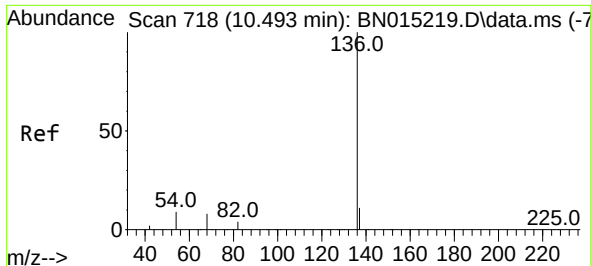
Tgt Ion:112 Resp: 3137
Ion Ratio Lower Upper
112 100
64 57.6 39.0 58.6
63 37.1 20.6 30.8#



#5
Phenol-d6
Concen: 0.04 ng
RT: 6.895 min Scan# 414
Delta R.T. -0.000 min
Lab File: BN015393.D
Acq: 08 Jul 2021 04:45

Tgt Ion: 99 Resp: 2407
Ion Ratio Lower Upper
99 100
42 20.6 8.9 13.3#
71 42.3 35.6 53.4

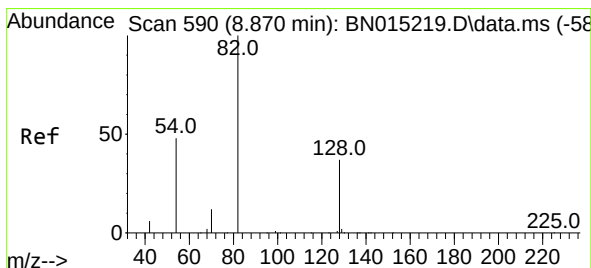
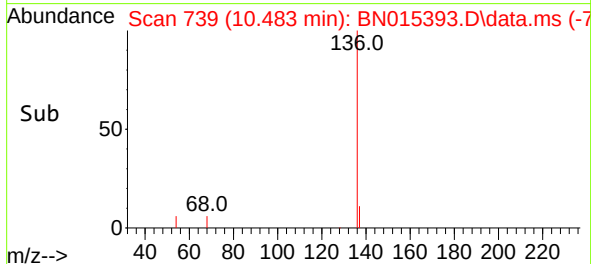
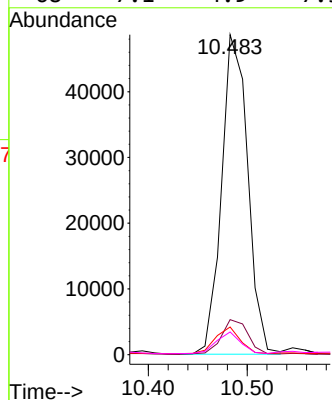
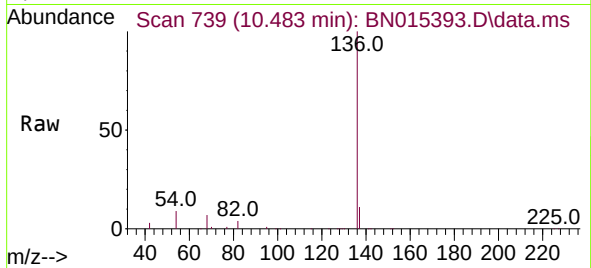




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.483 min Scan# 739
Delta R.T. 0.000 min
Lab File: BN015393.D
Acq: 08 Jul 2021 04:45

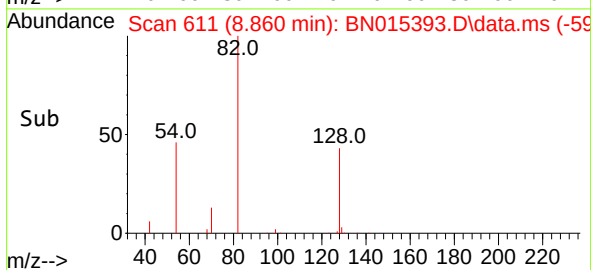
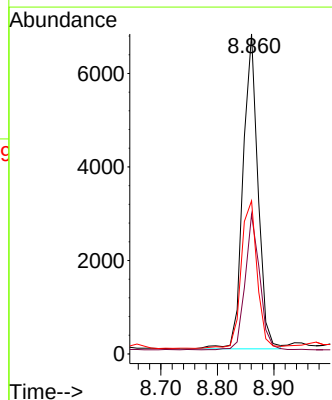
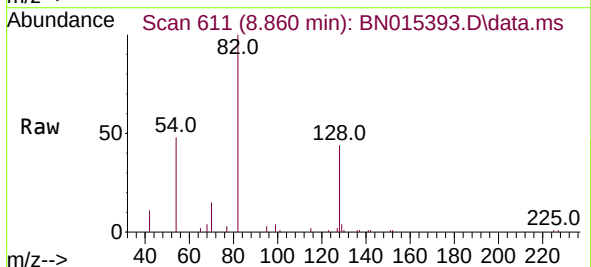
Instrument :
BNA_N
ClientSampled :

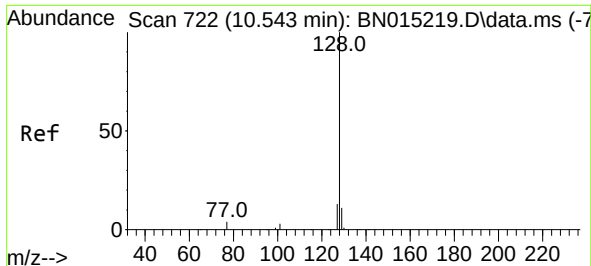
Tgt Ion:136	Resp:	89505
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.8 14.8
54	8.7	5.4 8.2#
68	7.1	4.9 7.3



#8
Nitrobenzene-d5
Concen: 0.25 ng
RT: 8.860 min Scan# 611
Delta R.T. -0.000 min
Lab File: BN015393.D
Acq: 08 Jul 2021 04:45

Tgt Ion: 82	Resp:	12366
Ion Ratio	Lower	Upper
82	100	
128	43.6	31.6 47.4
54	47.8	29.0 43.4#

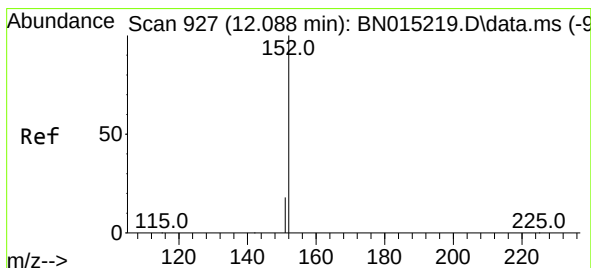
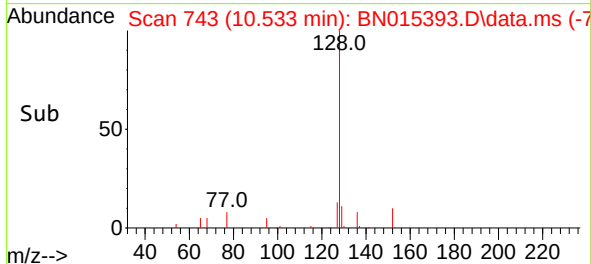
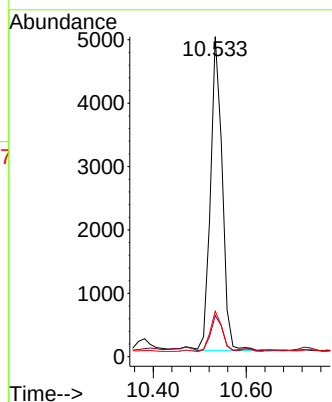
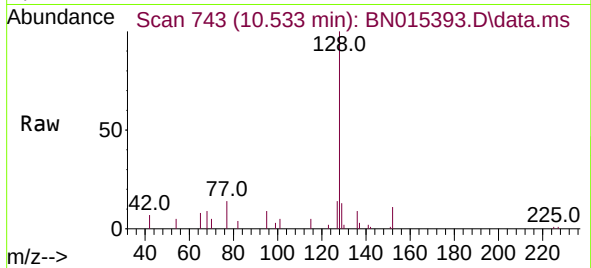




#9
Naphthalene
Concen: 0.03 ng
RT: 10.533 min Scan# 743
Delta R.T. -0.000 min
Lab File: BN015393.D
Acq: 08 Jul 2021 04:45

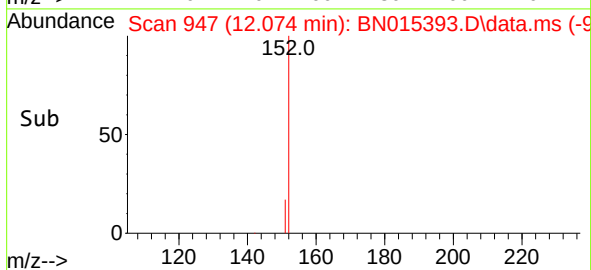
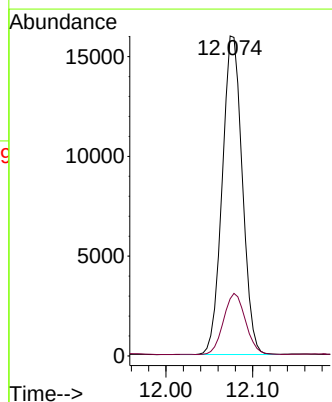
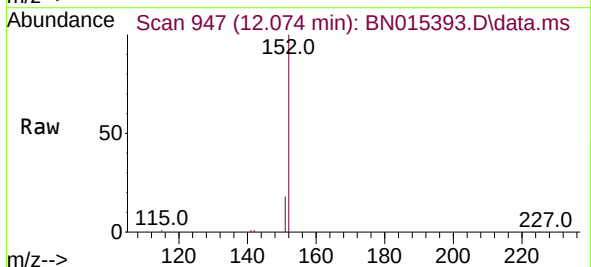
Instrument :
BNA_N
ClientSampleId :

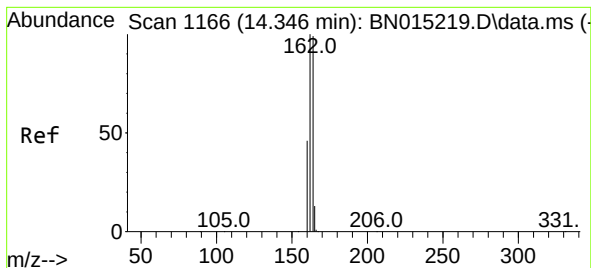
Tgt Ion:128 Resp: 8736
Ion Ratio Lower Upper
128 100
129 12.9 9.1 13.7
127 14.2 11.8 17.6



#11
2-Methylnaphthalene-d10
Concen: 0.17 ng
RT: 12.074 min Scan# 947
Delta R.T. -0.004 min
Lab File: BN015393.D
Acq: 08 Jul 2021 04:45

Tgt Ion:152 Resp: 25584
Ion Ratio Lower Upper
152 100
151 21.0 16.7 25.1

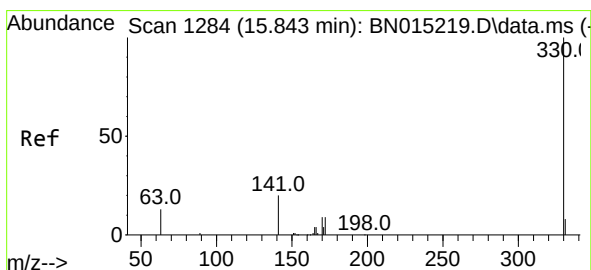
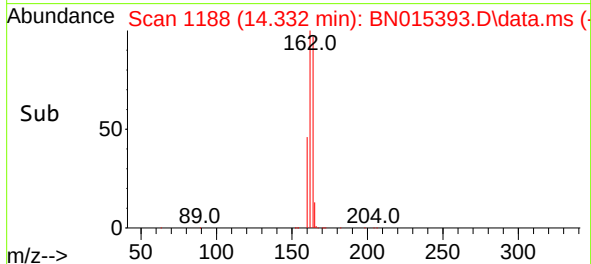
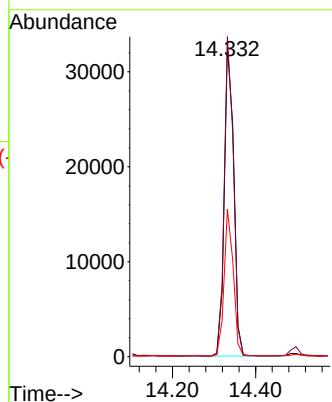
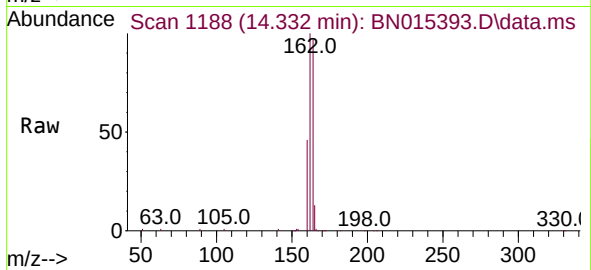




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.332 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BN015393.D
Acq: 08 Jul 2021 04:45

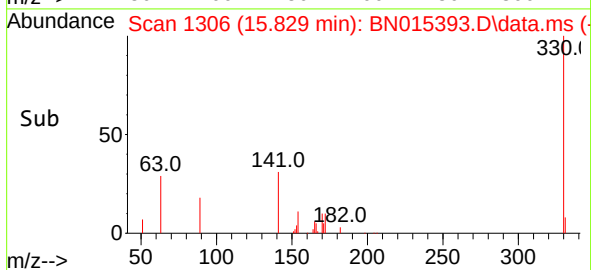
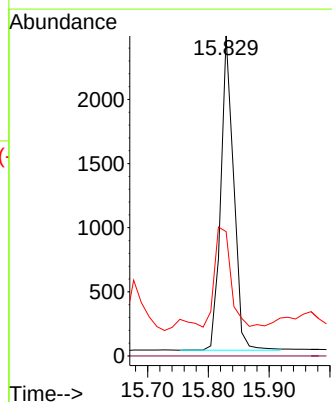
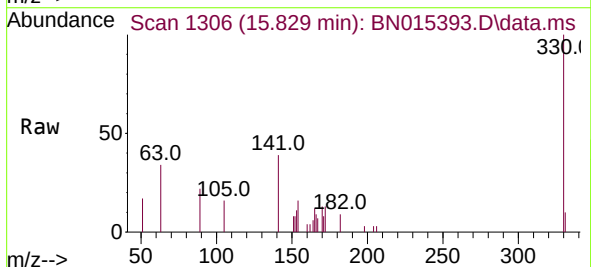
Instrument :
BNA_N
ClientSampled :

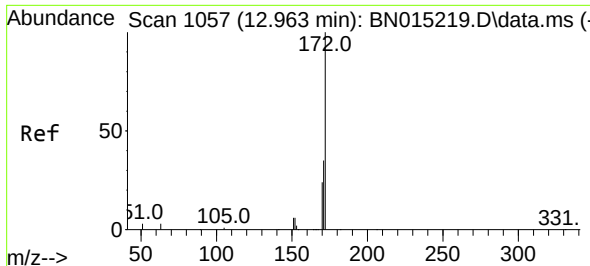
Tgt Ion:164 Resp: 51418
Ion Ratio Lower Upper
164 100
162 103.1 83.8 125.6
160 47.5 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.38 ng
RT: 15.829 min Scan# 1306
Delta R.T. 0.000 min
Lab File: BN015393.D
Acq: 08 Jul 2021 04:45

Tgt Ion:330 Resp: 3598
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 40.4 22.4 33.6#

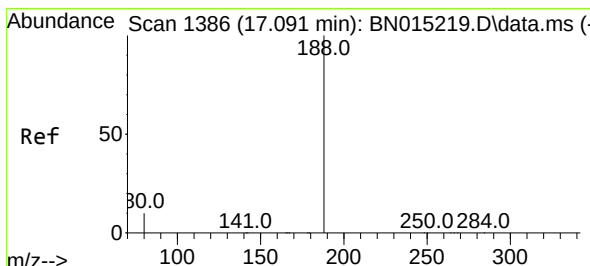
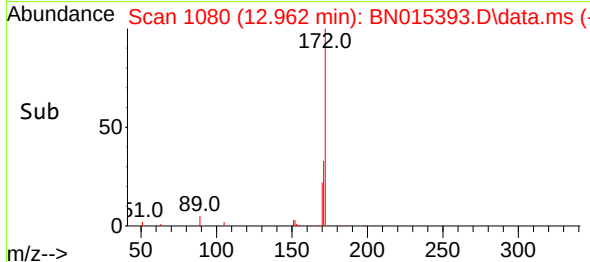
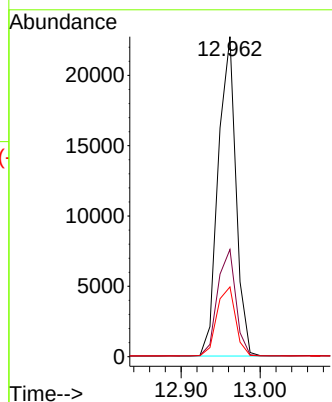
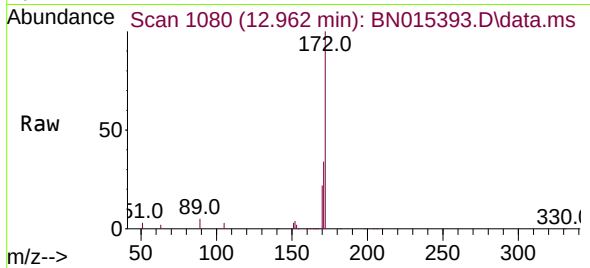




#15
2-Fluorobiphenyl
Concen: 0.17 ng
RT: 12.962 min Scan# 1080
Delta R.T. -0.000 min
Lab File: BN015393.D
Acq: 08 Jul 2021 04:45

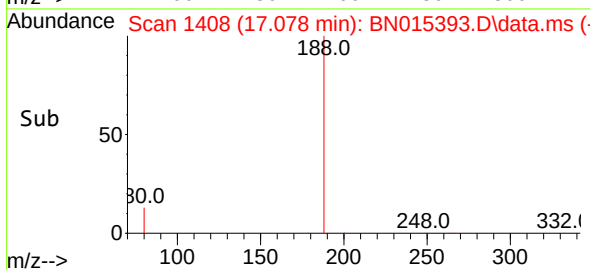
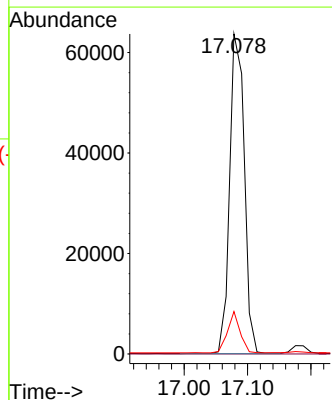
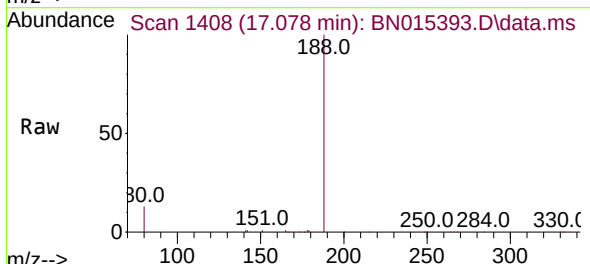
Instrument :
BNA_N
ClientSampled :

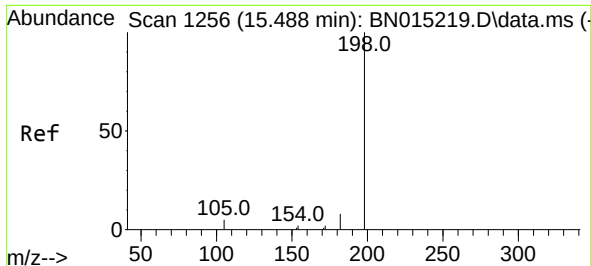
Tgt Ion:	172	Resp:	35512
Ion Ratio	Lower	Upper	
172	100		
171	33.5	30.6	45.8
170	21.8	20.2	30.4



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.078 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BN015393.D
Acq: 08 Jul 2021 04:45

Tgt Ion:	188	Resp:	101996
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	13.3	9.0	13.4

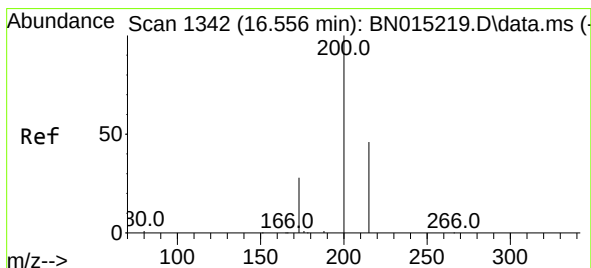
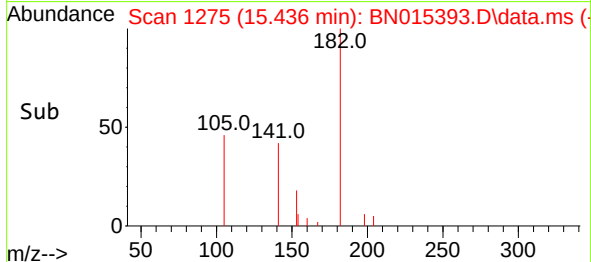
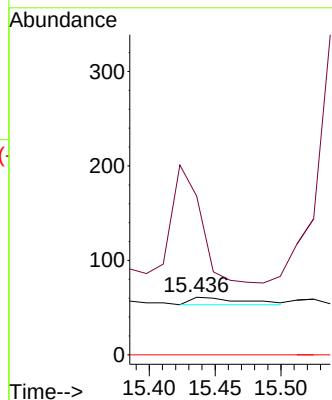
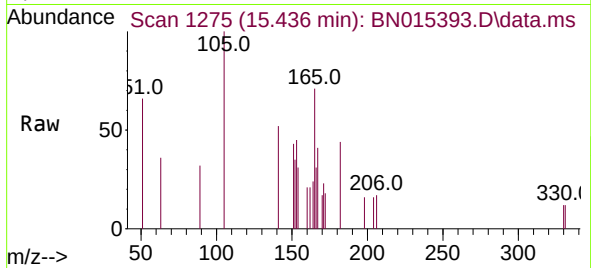




#20
4,6-Dinitro-2-methylphenol
Concen: 0.20 ng
RT: 15.436 min Scan# 1275
Delta R.T. -0.038 min
Lab File: BN015393.D
Acq: 08 Jul 2021 04:45

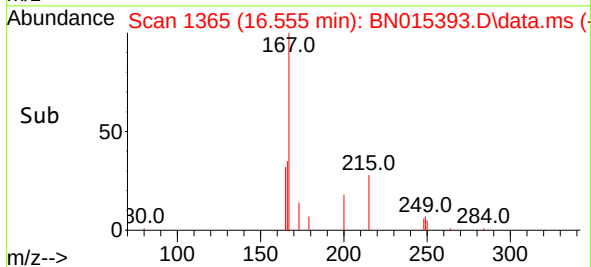
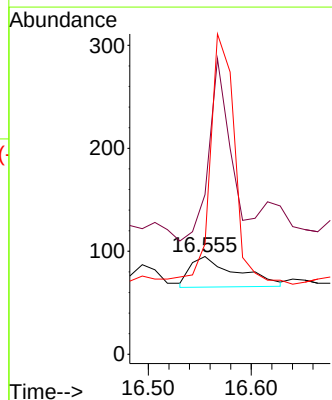
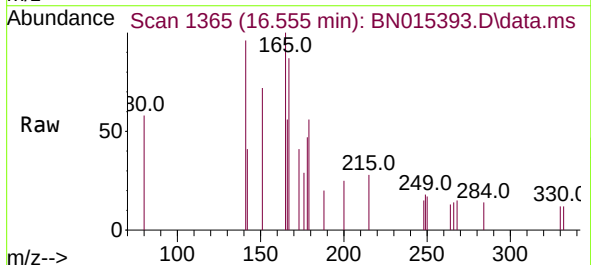
Instrument :
BNA_N
ClientSampled :

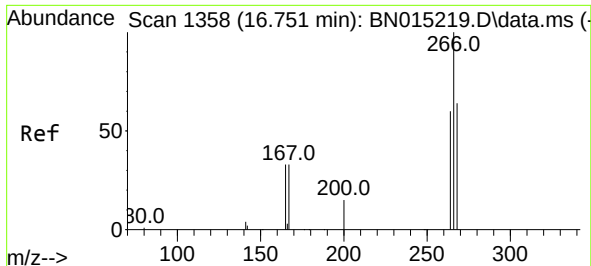
Tgt Ion:198 Resp: 22
Ion Ratio Lower Upper
198 100
182 275.4 34.5 51.7#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.17 ng
RT: 16.555 min Scan# 1365
Delta R.T. 0.012 min
Lab File: BN015393.D
Acq: 08 Jul 2021 04:45

Tgt Ion:200 Resp: 93
Ion Ratio Lower Upper
200 100
173 163.2 21.7 32.5#
215 112.6 43.1 64.7#

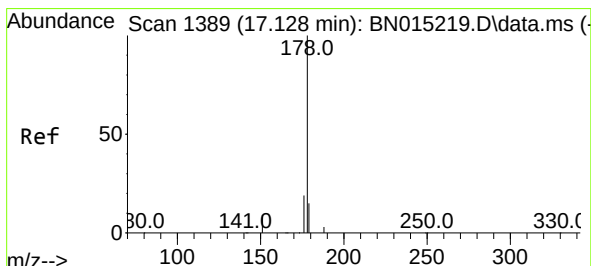
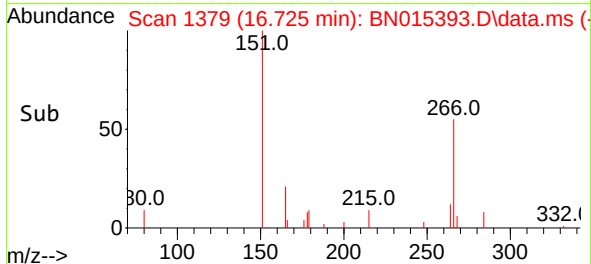
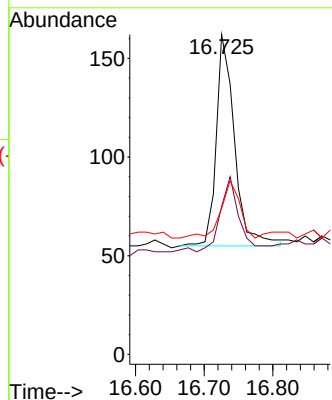
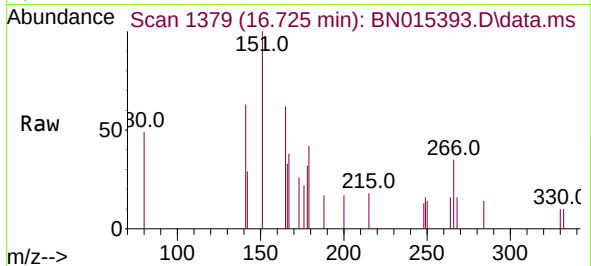




#24
Pentachlorophenol
Concen: 0.26 ng
RT: 16.725 min Scan# 1379
Delta R.T. -0.012 min
Lab File: BN015393.D
Acq: 08 Jul 2021 04:45

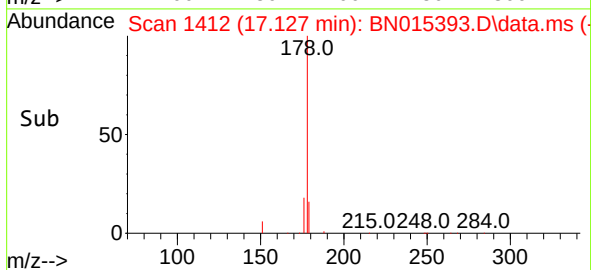
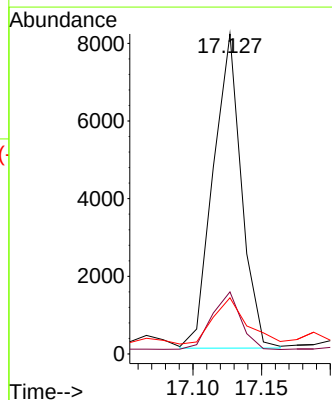
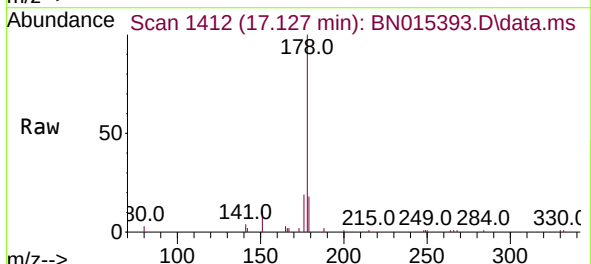
Instrument :
BNA_N
ClientSampled :

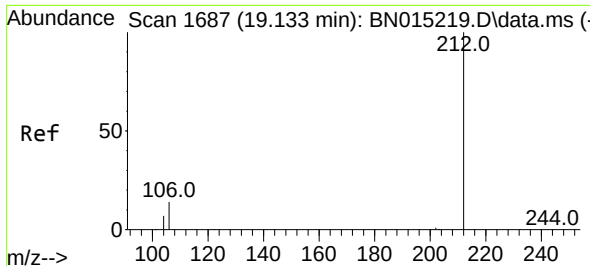
Tgt Ion:266 Resp: 198
Ion Ratio Lower Upper
266 100
264 33.3 51.0 76.4#
268 27.8 50.6 76.0#



#25
Phenanthrene
Concen: 0.04 ng
RT: 17.127 min Scan# 1412
Delta R.T. -0.000 min
Lab File: BN015393.D
Acq: 08 Jul 2021 04:45

Tgt Ion:178 Resp: 11599
Ion Ratio Lower Upper
178 100
176 20.0 15.6 23.4
179 18.0 12.1 18.1

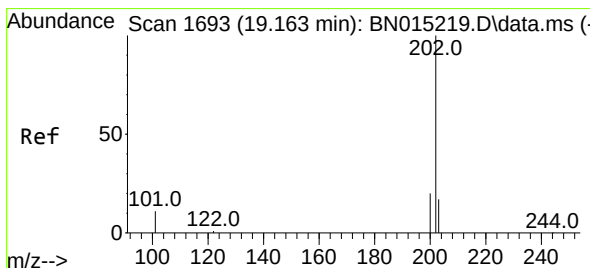
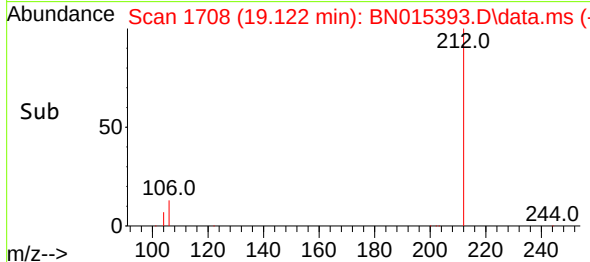
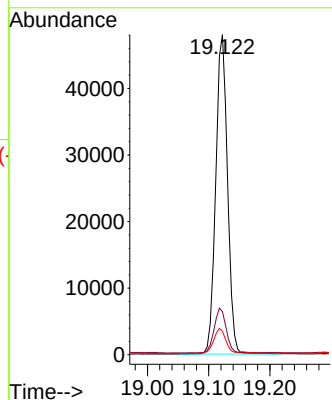
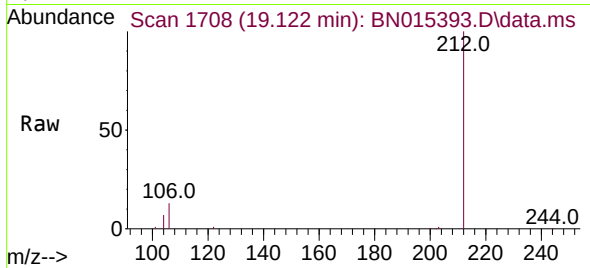




#27
Fluoranthene-d10
Concen: 0.21 ng
RT: 19.122 min Scan# 1708
Delta R.T. 0.000 min
Lab File: BN015393.D
Acq: 08 Jul 2021 04:45

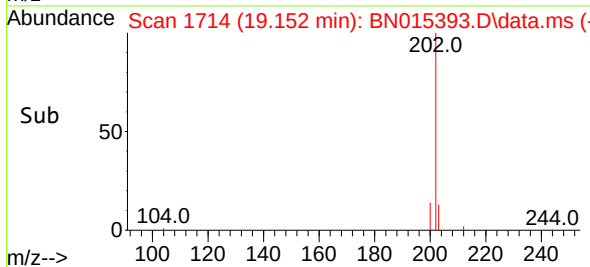
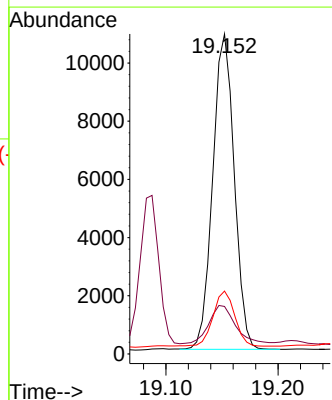
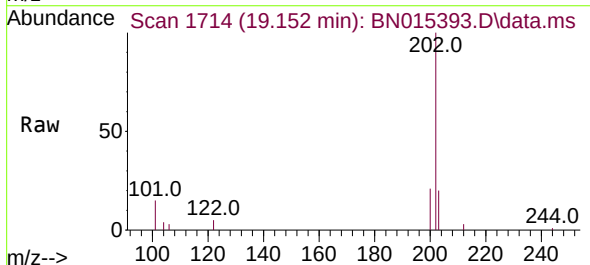
Instrument :
BNA_N
ClientSampleId :

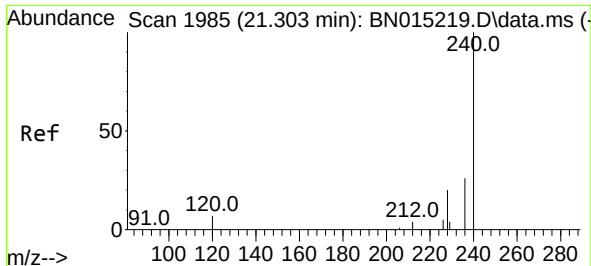
Tgt Ion:212 Resp: 63801
Ion Ratio Lower Upper
212 100
106 14.5 7.0 10.6#
104 8.1 4.1 6.1#



#28
Fluoranthene
Concen: 0.04 ng
RT: 19.152 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BN015393.D
Acq: 08 Jul 2021 04:45

Tgt Ion:202 Resp: 14439
Ion Ratio Lower Upper
202 100
101 15.2 6.6 10.0#
203 18.0 13.9 20.9

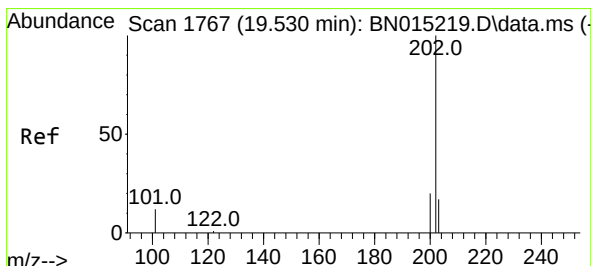
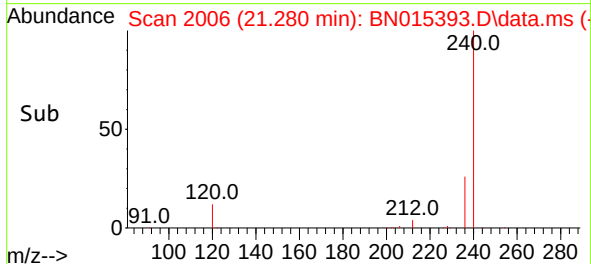
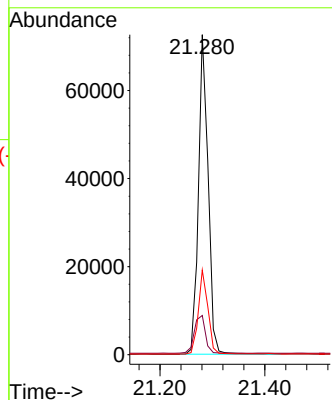
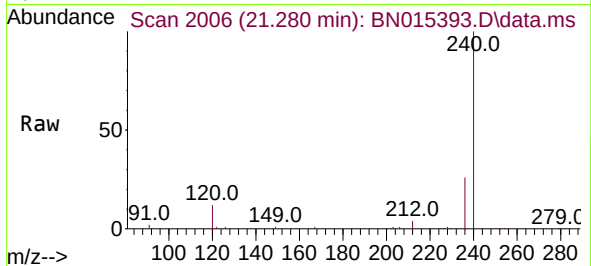




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.280 min Scan# 2006
Delta R.T. -0.011 min
Lab File: BN015393.D
Acq: 08 Jul 2021 04:45

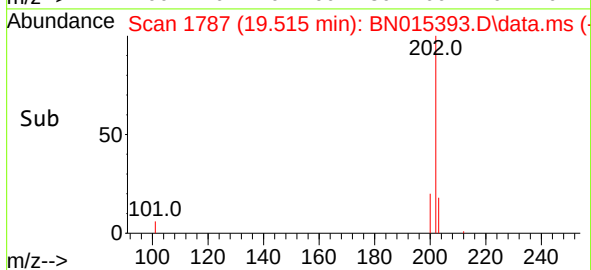
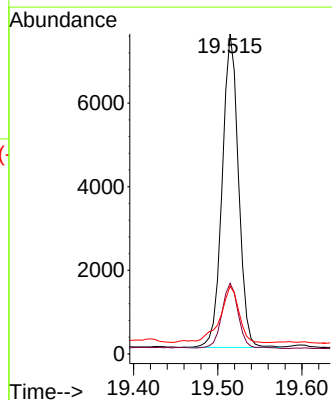
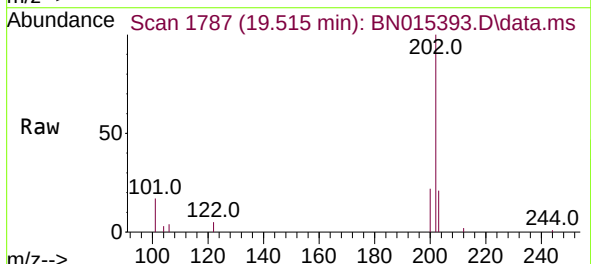
Instrument :
BNA_N
ClientSampleId :

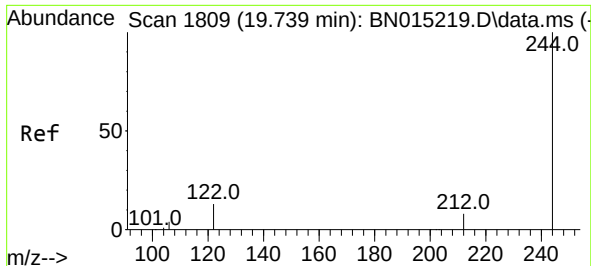
Tgt Ion:240 Resp: 93454
Ion Ratio Lower Upper
240 100
120 12.3 4.2 6.4#
236 26.5 21.4 32.2



#30
Pyrene
Concen: 0.03 ng
RT: 19.515 min Scan# 1787
Delta R.T. 0.000 min
Lab File: BN015393.D
Acq: 08 Jul 2021 04:45

Tgt Ion:202 Resp: 10039
Ion Ratio Lower Upper
202 100
200 21.3 16.9 25.3
203 20.6 13.9 20.9

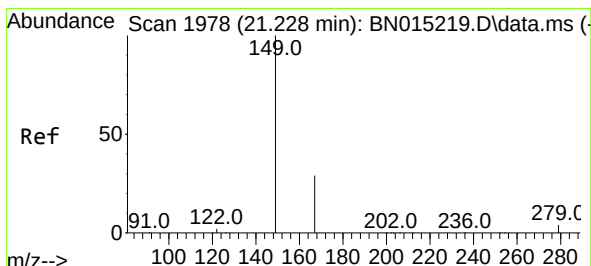
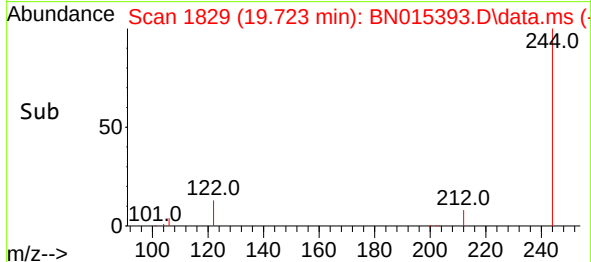
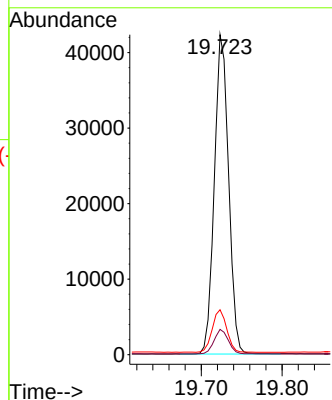
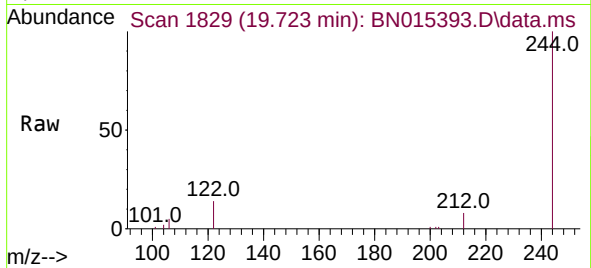




#31
 Terphenyl-d14
 Concen: 0.24 ng
 RT: 19.723 min Scan# 1829
 Delta R.T. -0.005 min
 Lab File: BN015393.D
 Acq: 08 Jul 2021 04:45

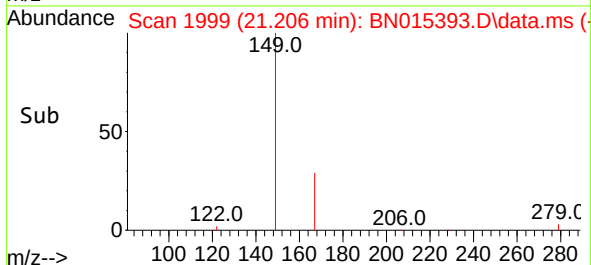
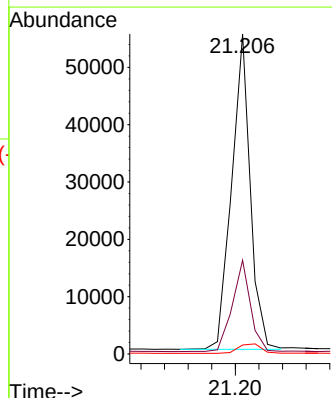
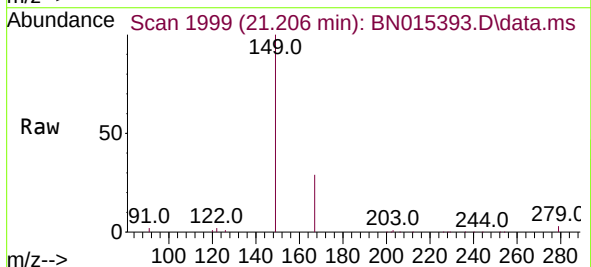
Instrument :
 BNA_N
 ClientSampled :

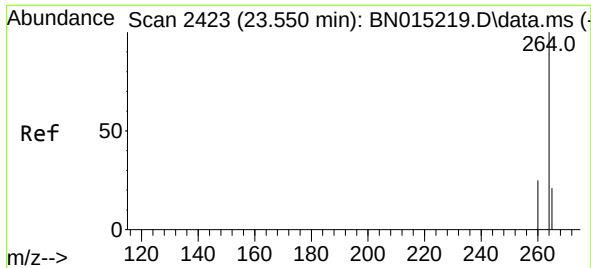
Tgt Ion:244 Resp: 51919
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.3 9.5
 122 14.0 6.2 9.2#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.66 ng
 RT: 21.206 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: BN015393.D
 Acq: 08 Jul 2021 04:45

Tgt Ion:149 Resp: 60300
 Ion Ratio Lower Upper
 149 100
 167 28.2 28.9 43.3#
 279 3.6 4.9 7.3#





#35

Perylene-d12

Concen: 0.40 ng

RT: 23.525 min Scan# 2439

Delta R.T. -0.003 min

Lab File: BN015393.D

Acq: 08 Jul 2021 04:45

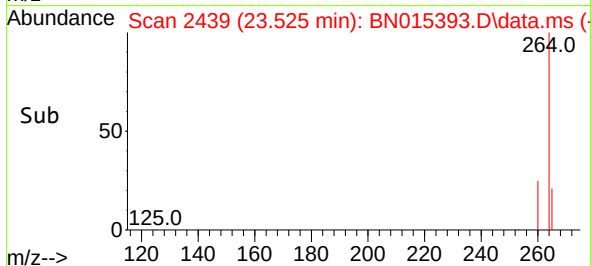
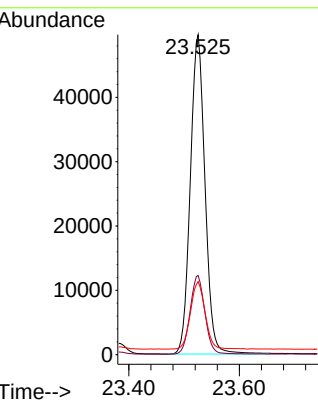
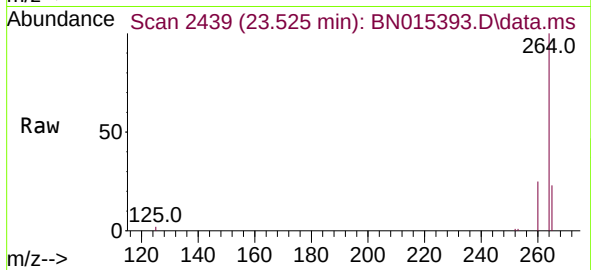
Tgt Ion:264 Resp: 91595

Ion Ratio Lower Upper

264 100

260 24.8 20.6 31.0

265 22.8 21.4 32.2



Instrument :
BNA_N
ClientSampleId :