

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN063021\
 Data File : BN015254.D
 Acq On : 01 Jul 2021 11:28
 Operator : CG/JU
 Sample : M2803-18
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE105D2-20210621

Quant Time: Jul 01 12:01:42 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)

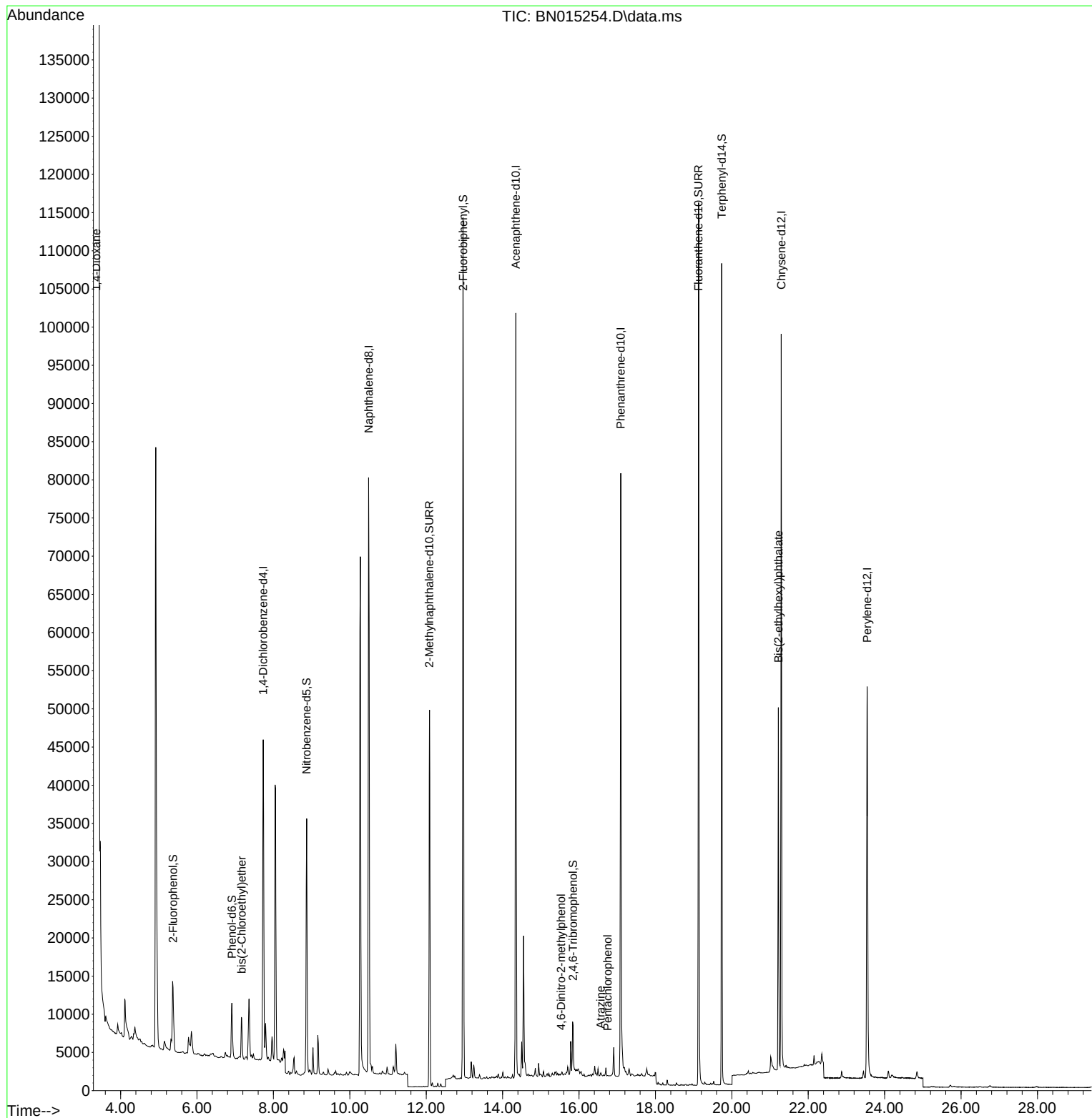
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.732	152	23290	0.400	ng	# 0.00
7) Naphthalene-d8	10.493	136	106818	0.400	ng	# 0.00
13) Acenaphthene-d10	14.346	164	56691	0.400	ng	0.00
19) Phenanthrene-d10	17.092	188	109229	0.400	ng	0.00
29) Chrysene-d12	21.292	240	86941	0.400	ng	#-0.01
35) Perylene-d12	23.540	264	71663	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.371	112	10911	0.184	ng	0.00
5) Phenol-d6	6.911	99	7399	0.099	ng	0.00
8) Nitrobenzene-d5	8.870	82	28691	0.480	ng	0.00
11) 2-Methylnaphthalene-d10	12.084	152	66503	0.376	ng	0.00
14) 2,4,6-Tribromophenol	15.843	330	6569	0.489	ng	0.00
15) 2-Fluorobiphenyl	12.963	172	94626	0.411	ng	0.00
27) Fluoranthene-d10	19.128	212	128213	0.397	ng	0.00
31) Terphenyl-d14	19.734	244	103333	0.508	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.361	88	110862	10.153	ng	# 70
6) bis(2-Chloroethyl)ether	7.169	93	5005	0.068	ng	# 85
20) 4,6-Dinitro-2-methylph...	15.526	198	8	0.195	ng	# 1
23) Atrazine	16.568	200	65	0.174	ng	# 1
24) Pentachlorophenol	16.751	266	51	0.246	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.218	149	41850	0.536	ng	# 87

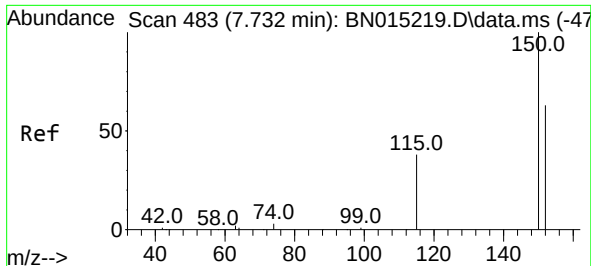
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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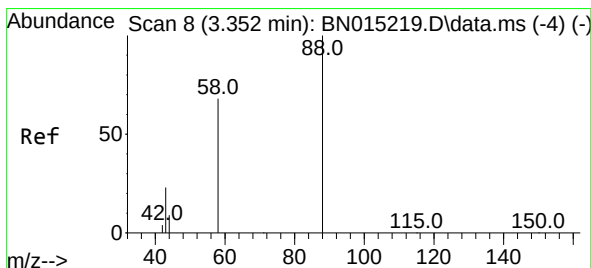
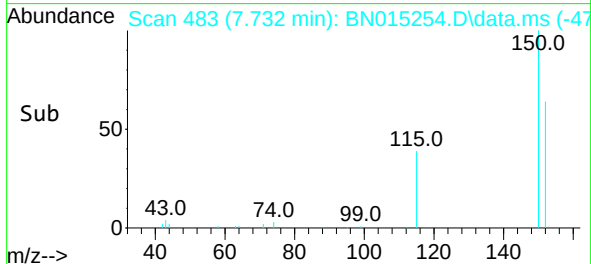
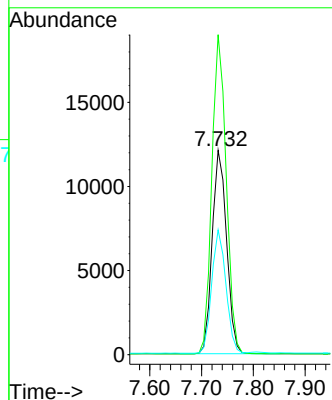
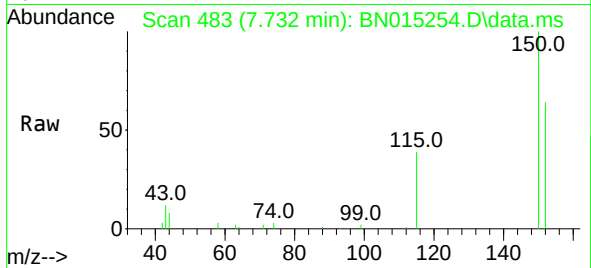




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.732 min Scan# 483
 Delta R.T. -0.000 min
 Lab File: BN015254.D
 Acq: 01 Jul 2021 11:28

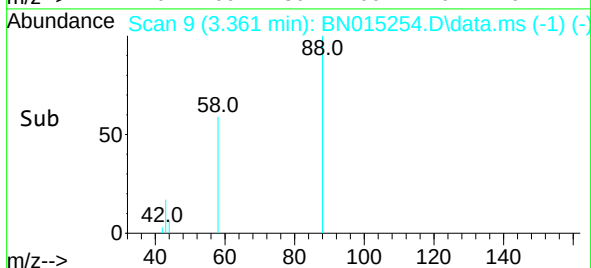
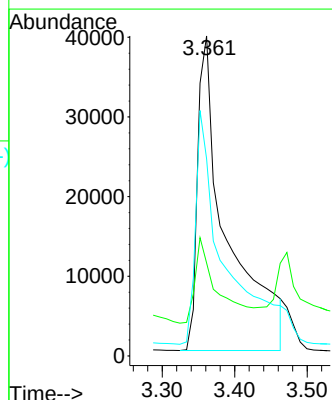
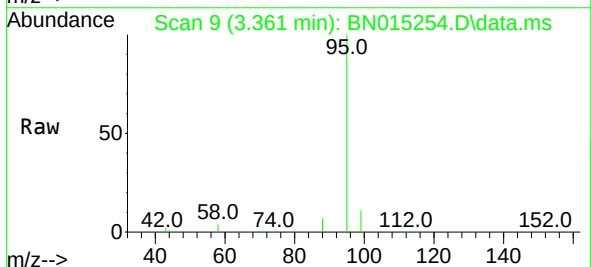
Instrument :
 BNA_N
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 RE105D2-20210621

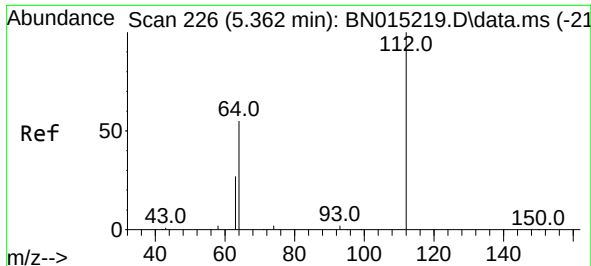
Tgt Ion:152 Resp: 23290
 Ion Ratio Lower Upper
 152 100
 150 156.7 119.0 178.6
 115 61.1 62.2 93.4#



#2
 1,4-Dioxane
 Concen: 10.153 ng
 RT: 3.361 min Scan# 9
 Delta R.T. 0.009 min
 Lab File: BN015254.D
 Acq: 01 Jul 2021 11:28

Tgt Ion: 88 Resp: 110862
 Ion Ratio Lower Upper
 88 100
 43 21.0 12.9 19.3#
 58 71.6 38.1 57.1#

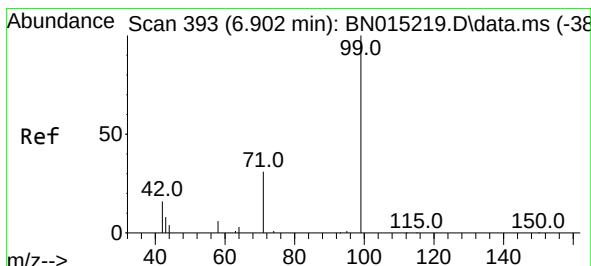
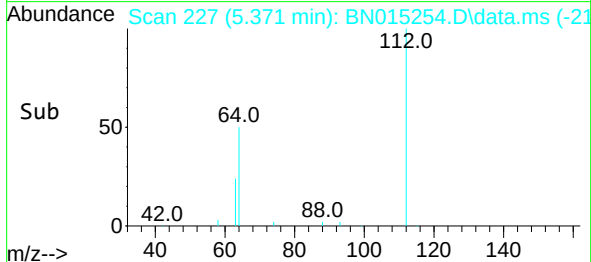
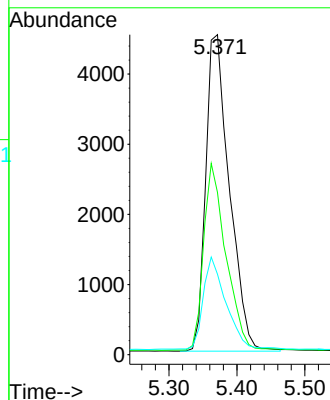
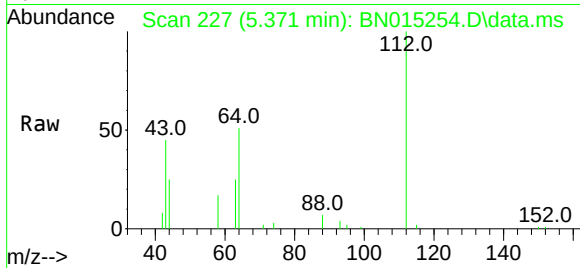




#4
2-Fluorophenol
Concen: 0.184 ng
RT: 5.371 min Scan# 227
Delta R.T. 0.009 min
Lab File: BN015254.D
Acq: 01 Jul 2021 11:28

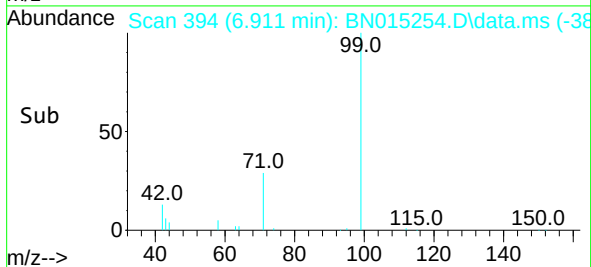
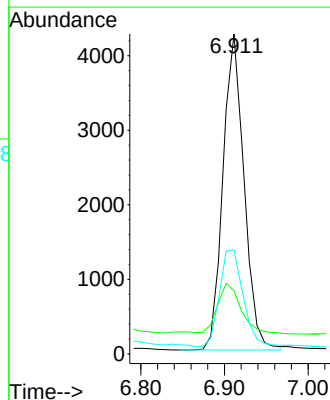
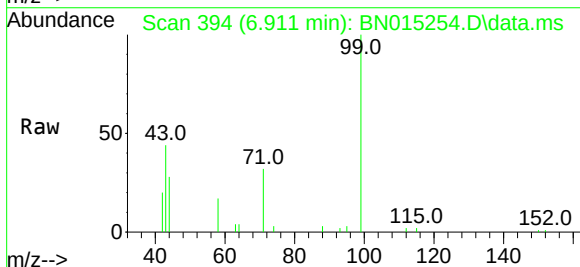
Instrument :
BNA_N
ClientSampleId :
RE105D2-20210621

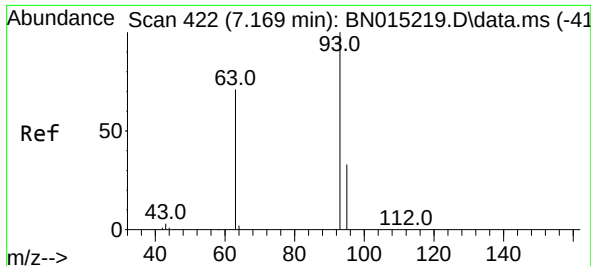
Tgt Ion:112 Resp: 10911
Ion Ratio Lower Upper
112 100
64 56.0 39.0 58.6
63 27.9 20.6 30.8



#5
Phenol-d6
Concen: 0.099 ng
RT: 6.911 min Scan# 394
Delta R.T. 0.009 min
Lab File: BN015254.D
Acq: 01 Jul 2021 11:28

Tgt Ion: 99 Resp: 7399
Ion Ratio Lower Upper
99 100
42 17.0 8.9 13.3#
71 34.6 35.6 53.4#

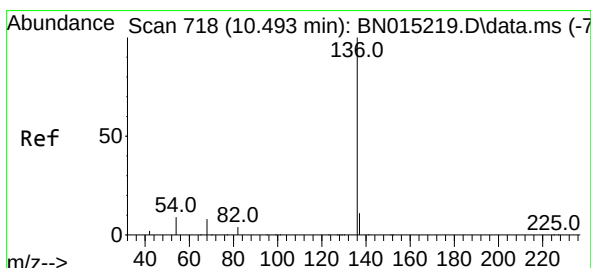
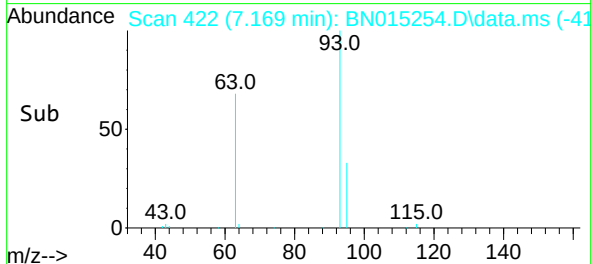
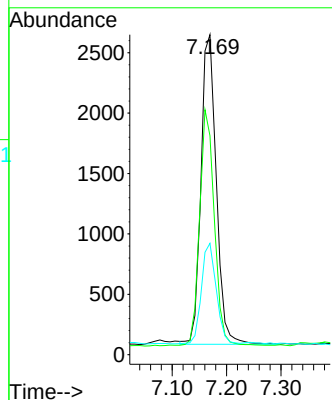
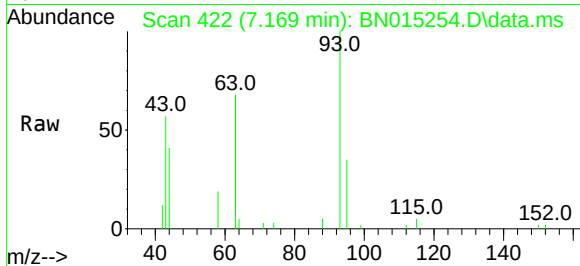




#6
bis(2-Chloroethyl)ether
Concen: 0.068 ng
RT: 7.169 min Scan# 422
Delta R.T. 0.000 min
Lab File: BN015254.D
Acq: 01 Jul 2021 11:28

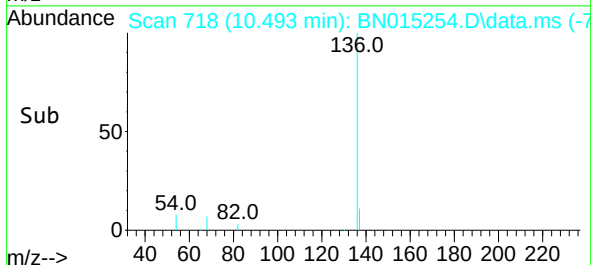
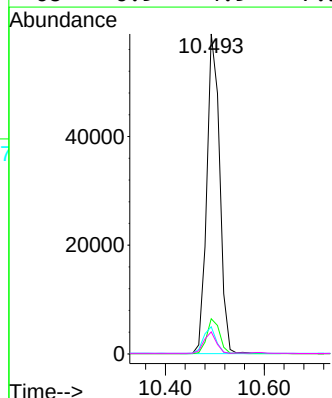
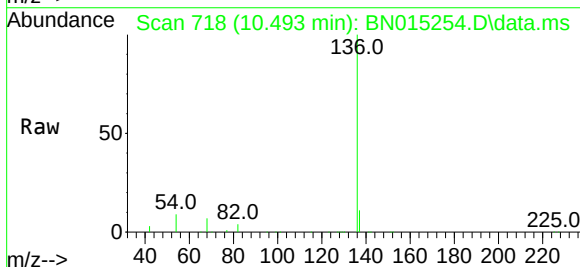
Instrument :
BNA_N
ClientSampleId :
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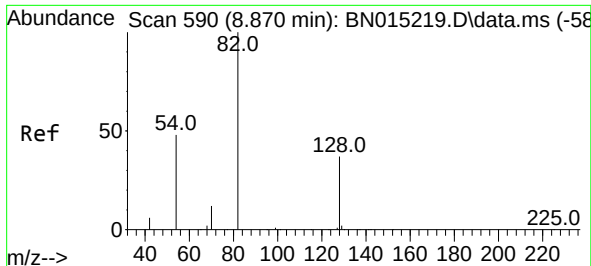
Tgt Ion:	93	Resp:	5005
Ion	Ratio	Lower	Upper
93	100		
63	73.3	46.6	70.0#
95	31.5	28.6	42.8



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.493 min Scan# 718
Delta R.T. 0.000 min
Lab File: BN015254.D
Acq: 01 Jul 2021 11:28

Tgt Ion:	136	Resp:	106818
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.8	14.8
54	8.5	5.4	8.2#
68	6.9	4.9	7.3

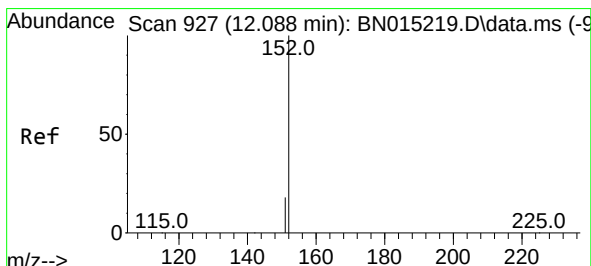
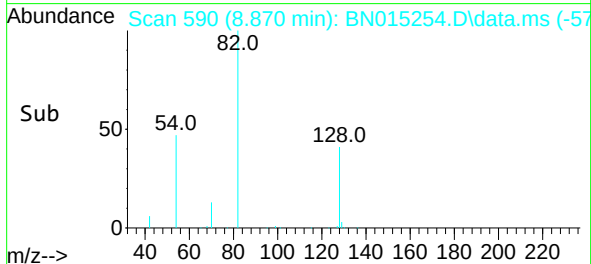
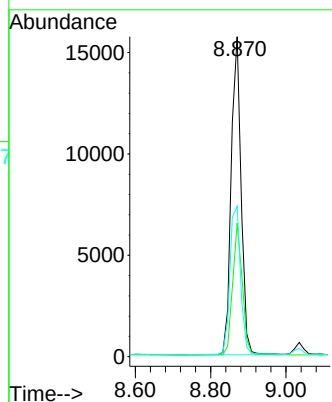
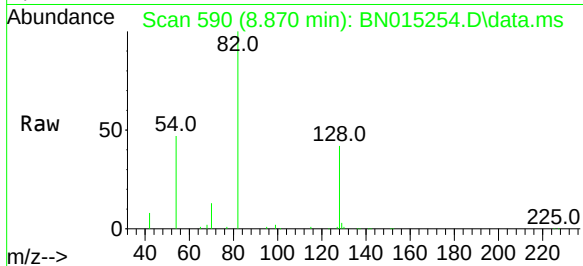




#8
Nitrobenzene-d5
Concen: 0.480 ng
RT: 8.870 min Scan# 590
Delta R.T. 0.000 min
Lab File: BN015254.D
Acq: 01 Jul 2021 11:28

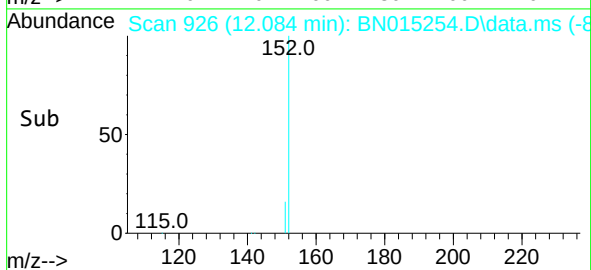
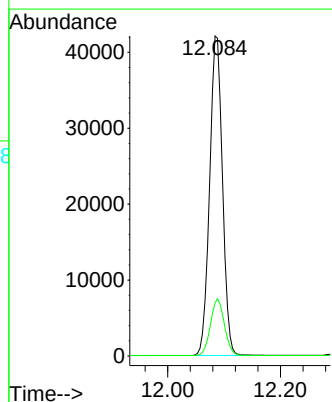
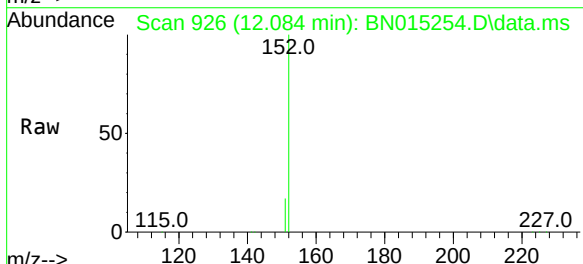
Instrument :
BNA_N
ClientSampleId :
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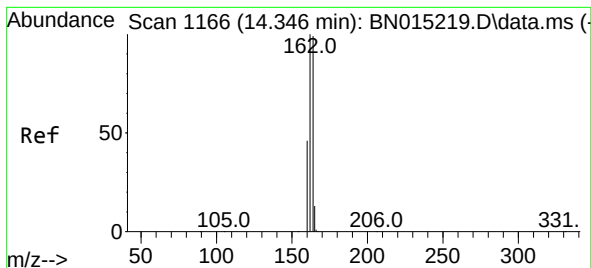
Tgt Ion: 82 Resp: 28691
Ion Ratio Lower Upper
82 100
128 41.7 31.6 47.4
54 47.1 29.0 43.4#



#11
2-Methylnaphthalene-d10
Concen: 0.376 ng
RT: 12.084 min Scan# 926
Delta R.T. -0.004 min
Lab File: BN015254.D
Acq: 01 Jul 2021 11:28

Tgt Ion: 152 Resp: 66503
Ion Ratio Lower Upper
152 100
151 19.2 16.7 25.1

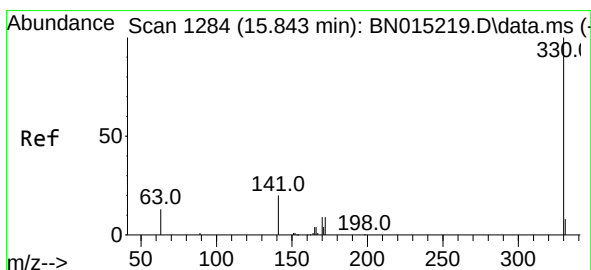
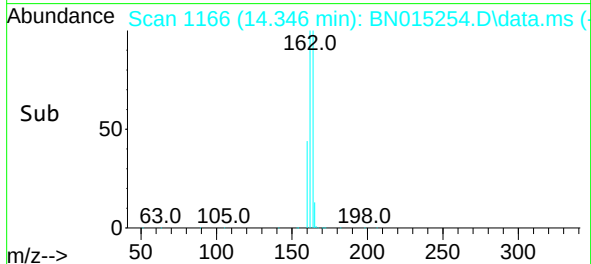
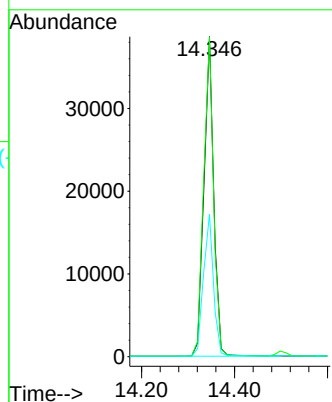
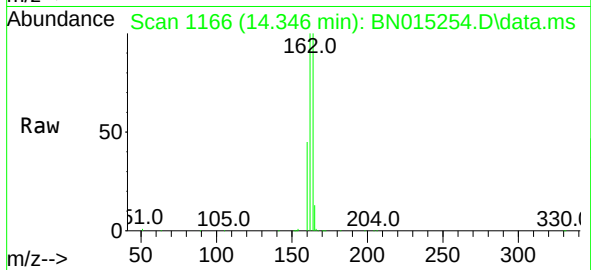




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.346 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BN015254.D
Acq: 01 Jul 2021 11:28

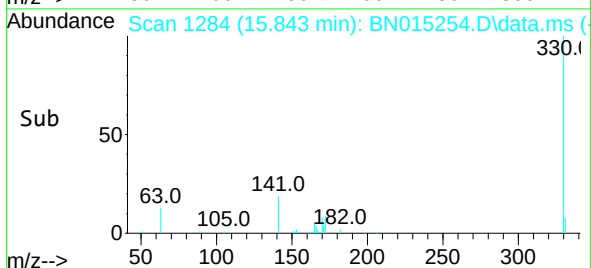
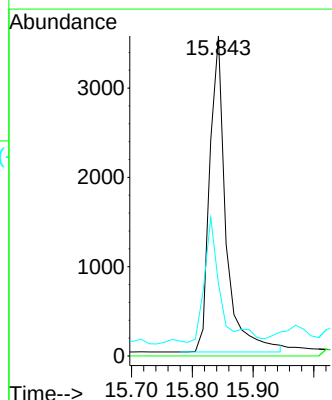
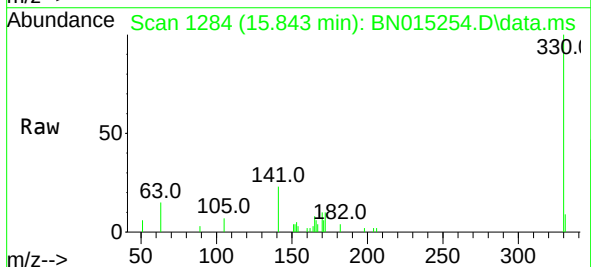
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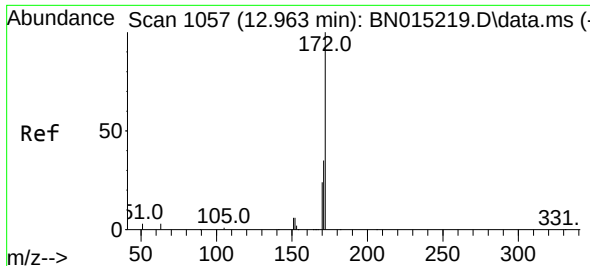
Tgt Ion:164 Resp: 56691
Ion Ratio Lower Upper
164 100
162 99.9 83.8 125.6
160 44.5 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.489 ng
RT: 15.843 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BN015254.D
Acq: 01 Jul 2021 11:28

Tgt Ion:330 Resp: 6569
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 38.7 22.4 33.6#

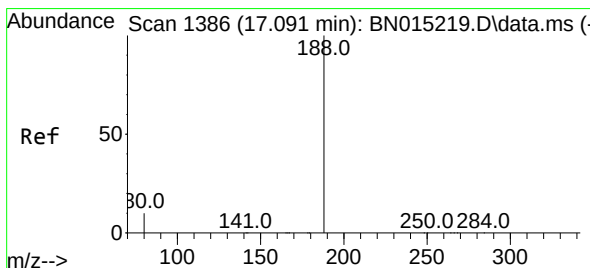
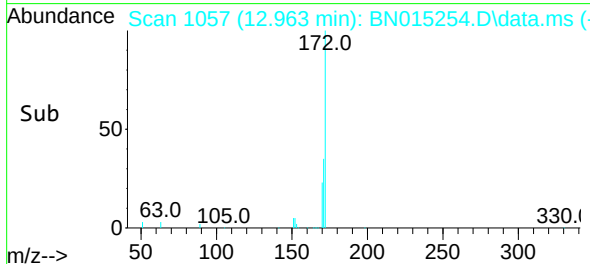
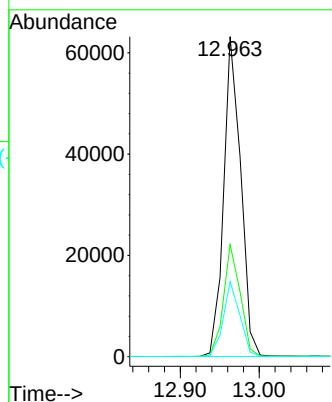
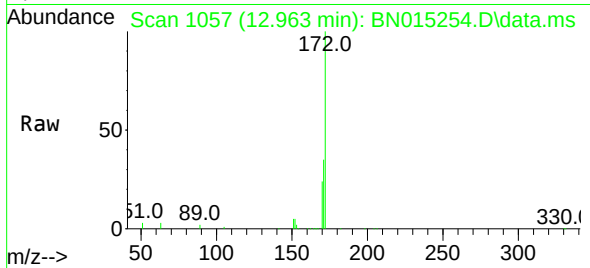




#15
2-Fluorobiphenyl
Concen: 0.411 ng
RT: 12.963 min Scan# 1057
Delta R.T. -0.000 min
Lab File: BN015254.D
Acq: 01 Jul 2021 11:28

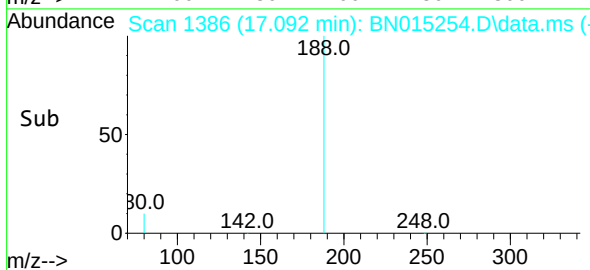
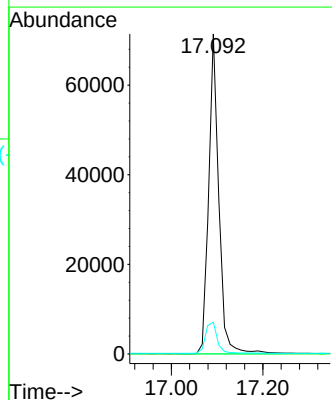
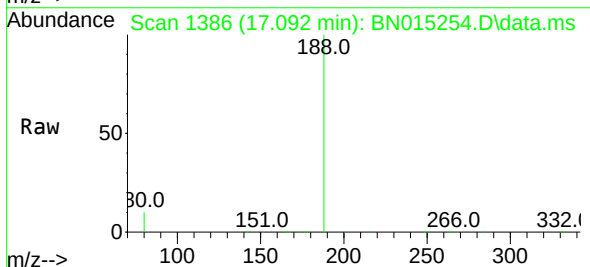
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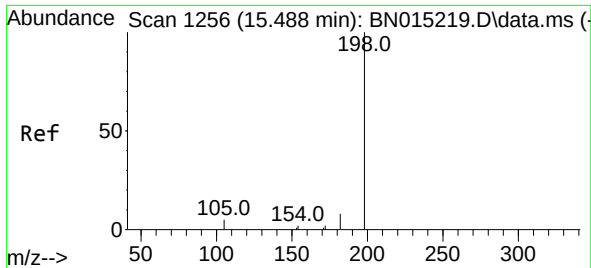
Tgt Ion:172	Resp:	94626
Ion Ratio	Lower	Upper
172	100	
171	35.0	30.6 45.8
170	23.5	20.2 30.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.092 min Scan# 1386
Delta R.T. 0.001 min
Lab File: BN015254.D
Acq: 01 Jul 2021 11:28

Tgt Ion:188	Resp:	109229
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	10.0	9.0 13.4

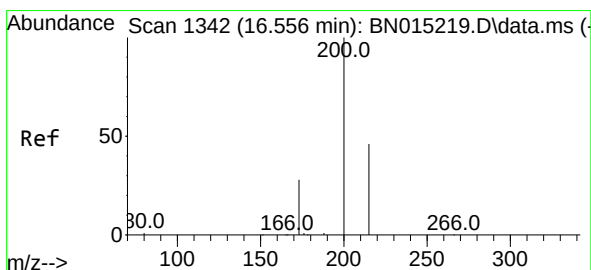
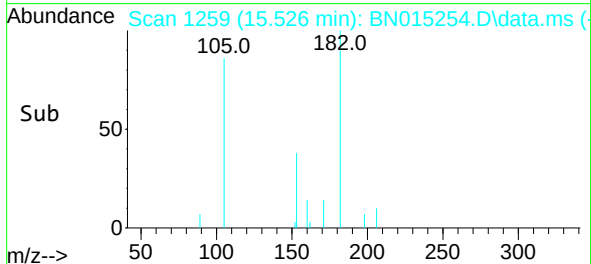
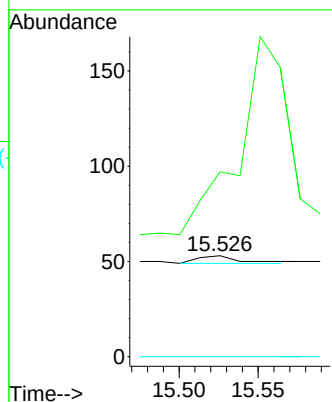
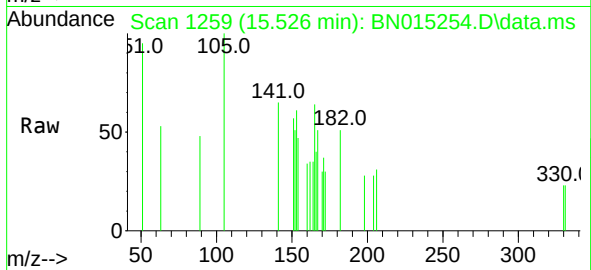




#20
4,6-Dinitro-2-methylphenol
Concen: 0.195 ng
RT: 15.526 min Scan# 1259
Delta R.T. 0.038 min
Lab File: BN015254.D
Acq: 01 Jul 2021 11:28

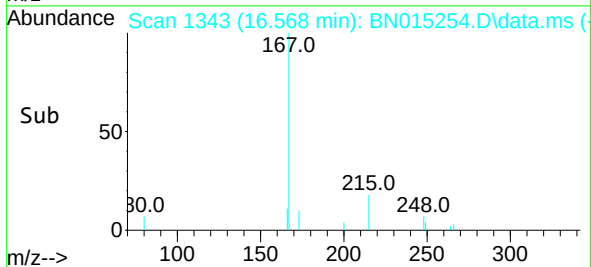
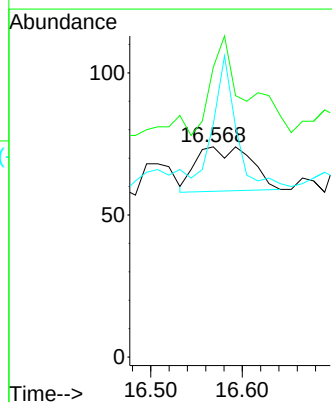
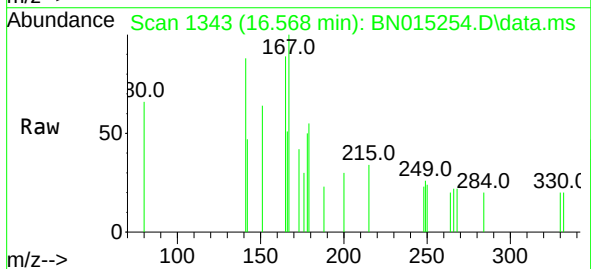
Instrument :
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RE105D2-20210621

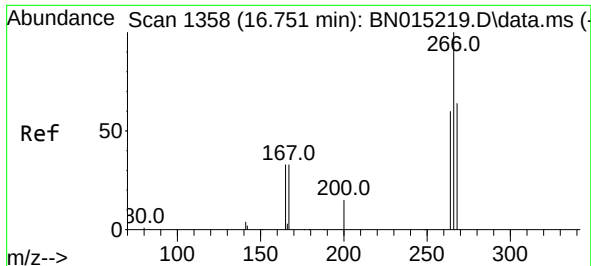
Tgt Ion:198 Resp: 8
Ion Ratio Lower Upper
198 100
182 183.0 34.5 51.7#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.174 ng
RT: 16.568 min Scan# 1343
Delta R.T. 0.012 min
Lab File: BN015254.D
Acq: 01 Jul 2021 11:28

Tgt Ion:200 Resp: 65
Ion Ratio Lower Upper
200 100
173 137.8 21.7 32.5#
215 110.8 43.1 64.7#

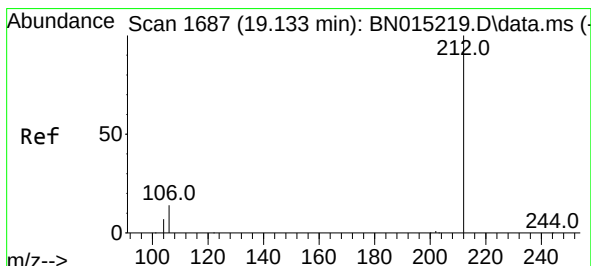
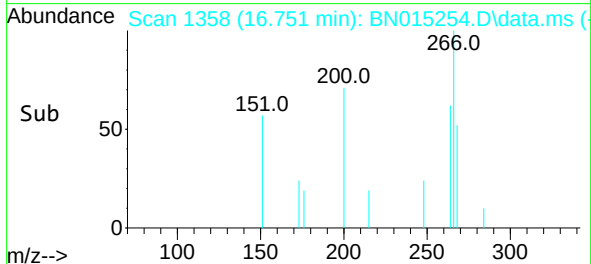
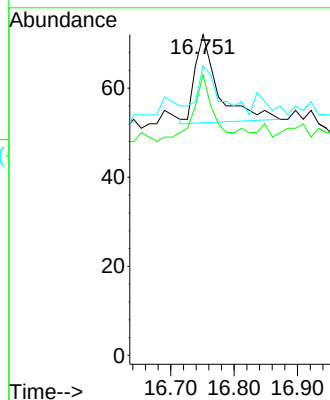
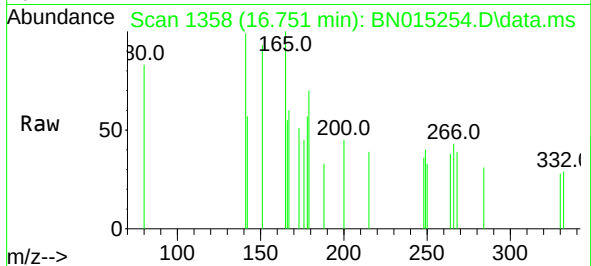




#24
 Pentachlorophenol
 Concen: 0.246 ng
 RT: 16.751 min Scan# 1358
 Delta R.T. -0.000 min
 Lab File: BN015254.D
 Acq: 01 Jul 2021 11:28

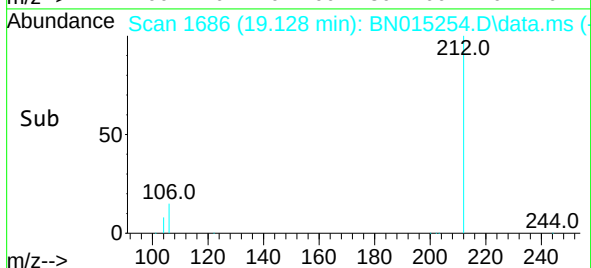
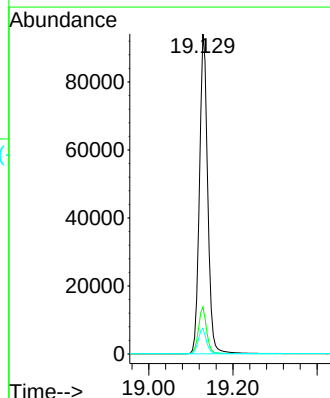
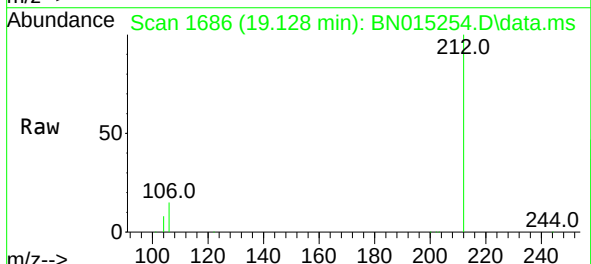
Instrument :
 BNA_N
 ClientSampleId :
 RE105D2-20210621

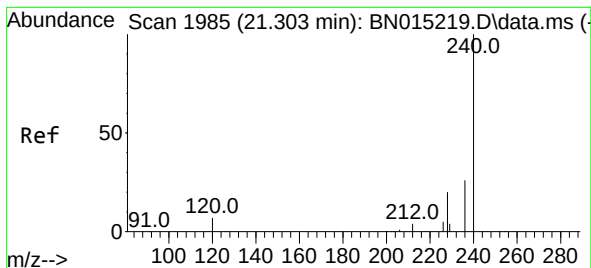
Tgt Ion:	266	Resp:	51
Ion	Ratio	Lower	Upper
266	100		
264	66.7	51.0	76.4
268	49.0	50.6	76.0#



#27
 Fluoranthene-d10
 Concen: 0.397 ng
 RT: 19.128 min Scan# 1686
 Delta R.T. -0.005 min
 Lab File: BN015254.D
 Acq: 01 Jul 2021 11:28

Tgt Ion:	212	Resp:	128213
Ion	Ratio	Lower	Upper
212	100		
106	14.4	7.0	10.6#
104	7.8	4.1	6.1#





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.292 min Scan# 1984

Delta R.T. -0.011 min

Lab File: BN015254.D

Acq: 01 Jul 2021 11:28

Tgt Ion:240 Resp: 86941

Ion Ratio Lower Upper

240 100

120 10.8 4.2 6.4#

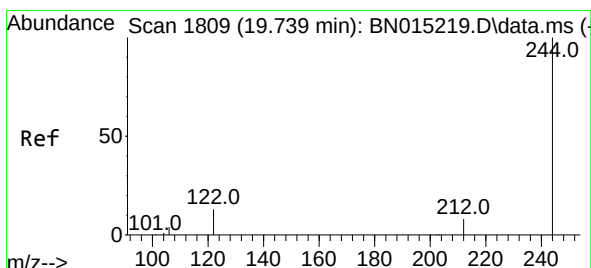
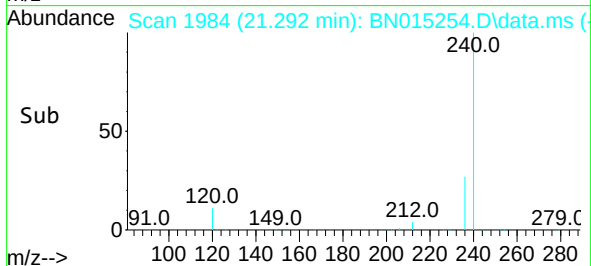
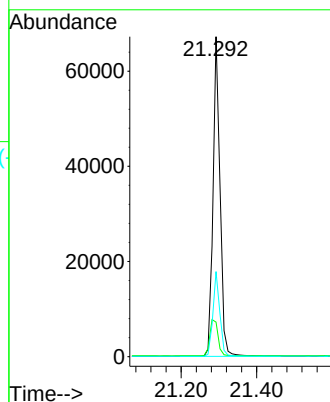
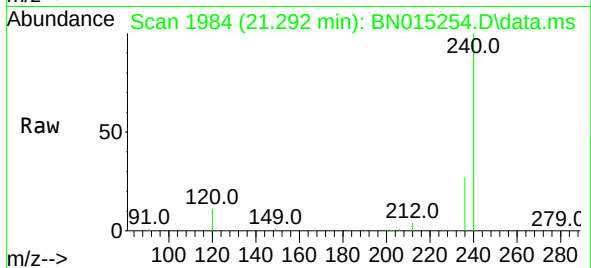
236 26.6 21.4 32.2

Instrument :

BNA_N

ClientSampleId :

RE105D2-20210621



#31

Terphenyl-d14

Concen: 0.508 ng

RT: 19.734 min Scan# 1808

Delta R.T. -0.005 min

Lab File: BN015254.D

Acq: 01 Jul 2021 11:28

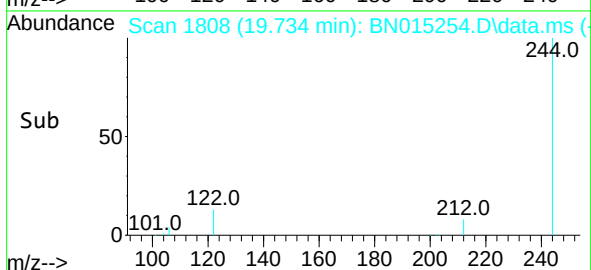
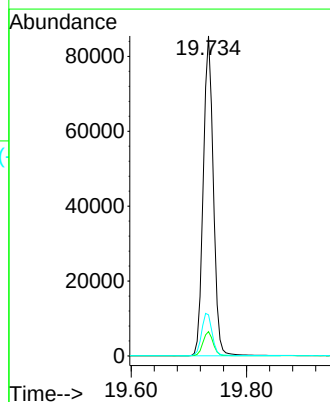
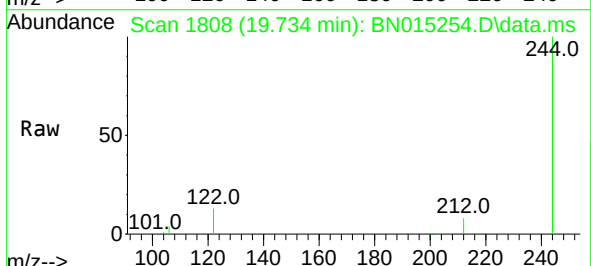
Tgt Ion:244 Resp: 103333

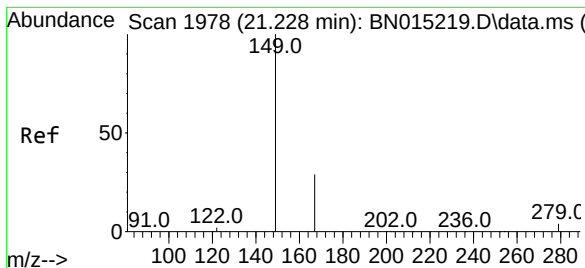
Ion Ratio Lower Upper

244 100

212 7.6 6.3 9.5

122 12.9 6.2 9.2#

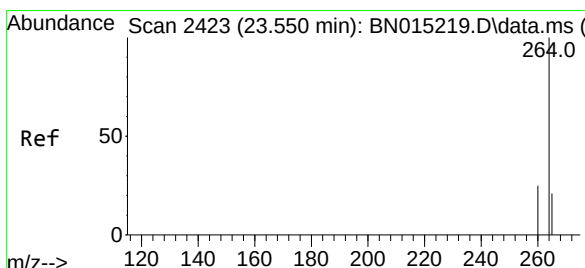
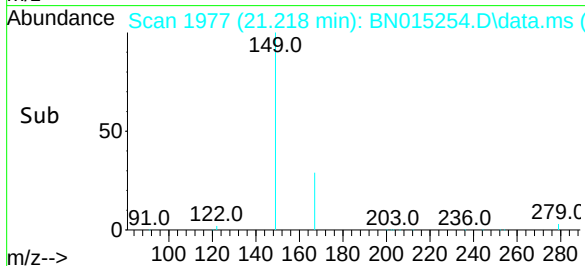
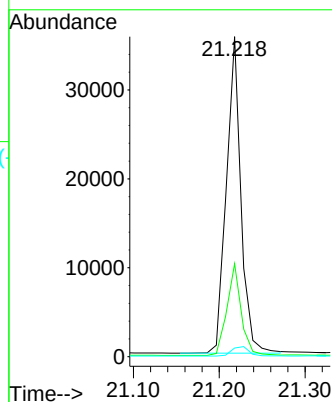
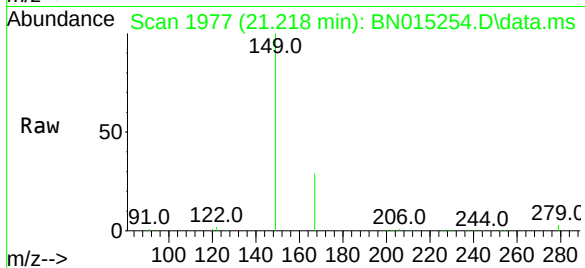




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.536 ng
 RT: 21.218 min Scan# 1977
 Delta R.T. -0.010 min
 Lab File: BN015254.D
 Acq: 01 Jul 2021 11:28

Instrument :
 BNA_N
 ClientSampleId :
 RE105D2-20210621

Tgt Ion:149 Resp: 41850
 Ion Ratio Lower Upper
 149 100
 167 28.2 28.9 43.3#
 279 3.5 4.9 7.3#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.540 min Scan# 2420
 Delta R.T. -0.010 min
 Lab File: BN015254.D
 Acq: 01 Jul 2021 11:28

Tgt Ion:264 Resp: 71663
 Ion Ratio Lower Upper
 264 100
 260 24.9 20.6 31.0
 265 23.2 21.4 32.2

