

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120121\
 Data File : BN017662.D
 Acq On : 01 Dec 2021 22:03
 Operator : CG/JU
 Sample : SP5768
 Misc : 8270 SIM SURROGATE
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP5768

Quant Time: Dec 02 01:39:21 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN113021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 01 18:24:35 2021
 Response via : Initial Calibration

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

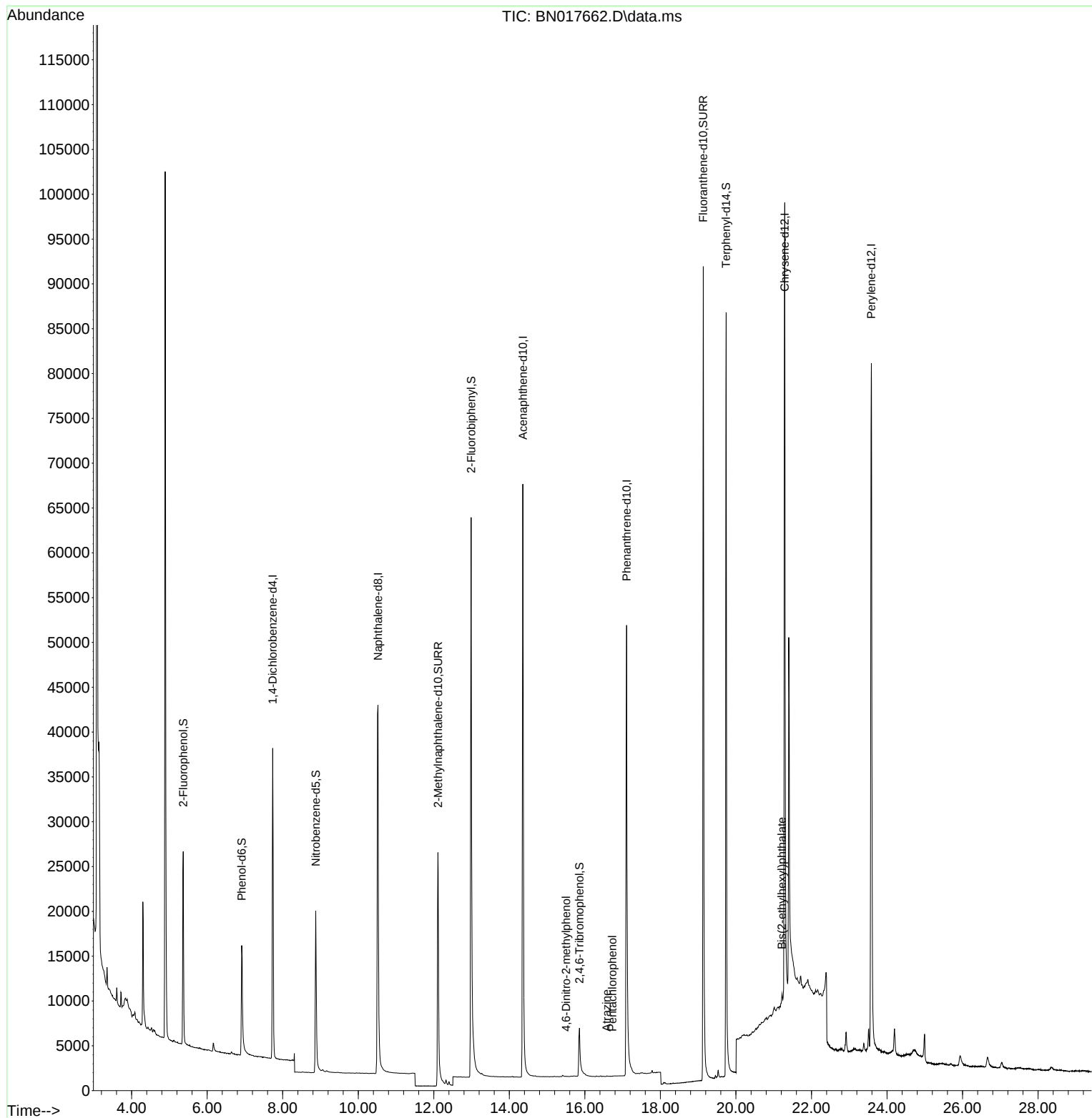
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.736	152	17922	0.400	ng	-0.04
7) Naphthalene-d8	10.522	136	74185	0.400	ng	#-0.03
13) Acenaphthene-d10	14.359	164	45455	0.400	ng	-0.03
19) Phenanthrene-d10	17.104	188	95287	0.400	ng	-0.01
29) Chrysene-d12	21.293	240	114455	0.400	ng	-0.01
35) Perylene-d12	23.585	264	118000	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.366	112	17725	0.435	ng	0.00
5) Phenol-d6	6.915	99	14257	0.332	ng	-0.03
8) Nitrobenzene-d5	8.875	82	17697	0.562	ng	-0.04
11) 2-Methylnaphthalene-d10	12.111	152	47818	0.369	ng	-0.03
14) 2,4,6-Tribromophenol	15.856	330	7755	0.397	ng	-0.01
15) 2-Fluorobiphenyl	12.989	172	69933	0.395	ng	-0.03
27) Fluoranthene-d10	19.134	212	127294	0.427	ng	-0.02
31) Terphenyl-d14	19.739	244	107115	0.427	ng	-0.01
Target Compounds						Qvalue
20) 4,6-Dinitro-2-methylph...	15.501	198	4	0.057	ng	# 1
23) Atrazine	16.581	200	69	0.132	ng	# 14
24) Pentachlorophenol	16.727	266	6	0.193	ng	# 13
34) Bis(2-ethylhexyl)phtha...	21.218	149	2198	0.027	ng	# 92

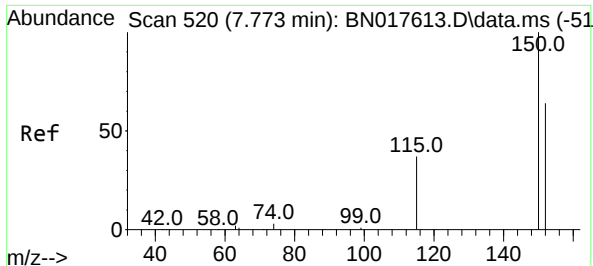
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN113021.M
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QLast Update : Wed Dec 01 18:24:35 2021
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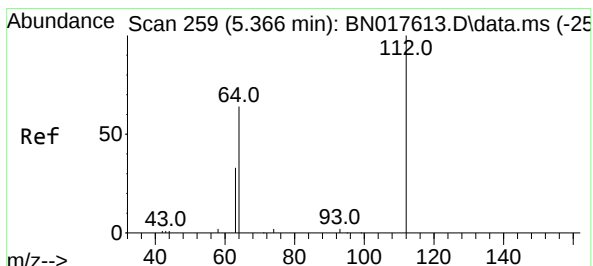
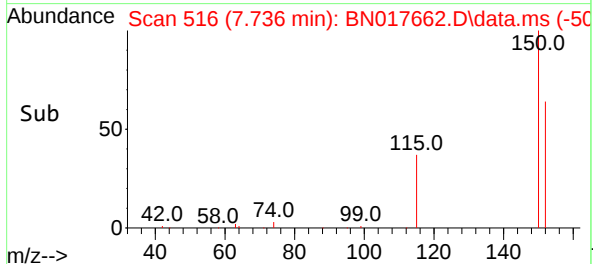
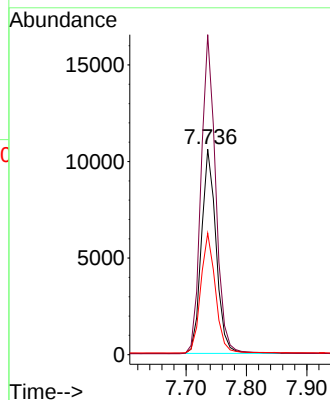
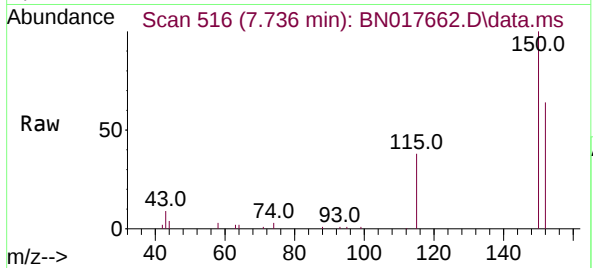




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.736 min Scan# 51
Delta R.T. -0.037 min
Lab File: BN017662.D
Acq: 01 Dec 2021 22:03

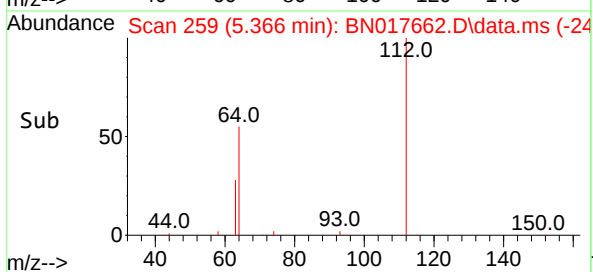
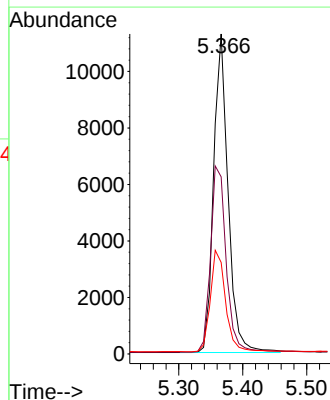
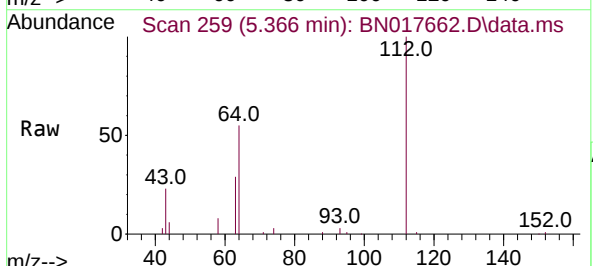
Instrument :
BNA_N
ClientSampleId :
SP5768

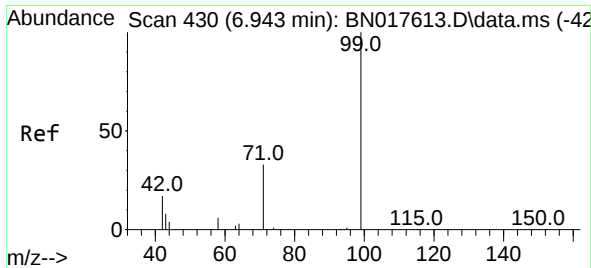
Tgt Ion:152 Resp: 17922
Ion Ratio Lower Upper
152 100
150 155.7 123.0 184.4
115 59.1 45.6 68.4



#4
2-Fluorophenol
Concen: 0.435 ng
RT: 5.366 min Scan# 259
Delta R.T. -0.009 min
Lab File: BN017662.D
Acq: 01 Dec 2021 22:03

Tgt Ion:112 Resp: 17725
Ion Ratio Lower Upper
112 100
64 63.4 47.6 71.4
63 33.5 24.6 37.0

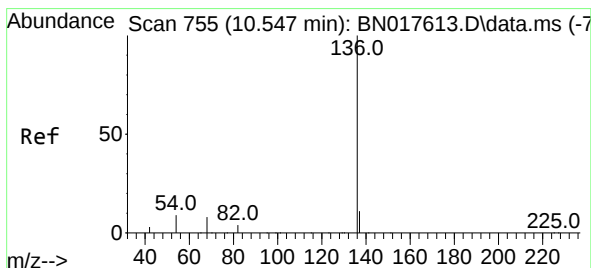
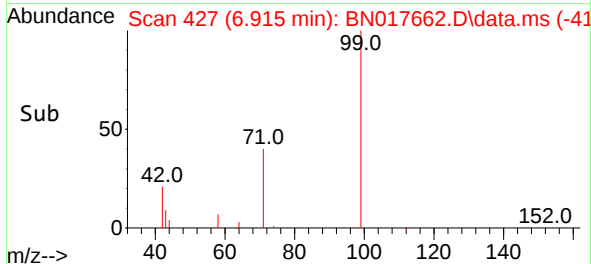
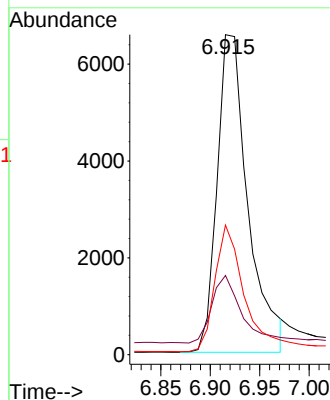
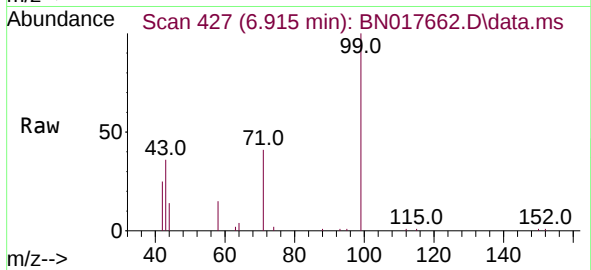




#5
Phenol-d6
Concen: 0.332 ng
RT: 6.915 min Scan# 41
Delta R.T. -0.027 min
Lab File: BN017662.D
Acq: 01 Dec 2021 22:03

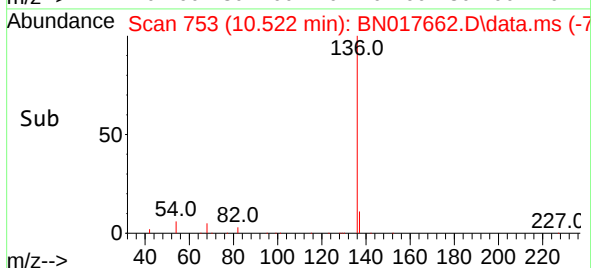
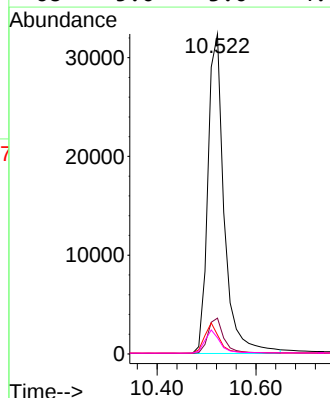
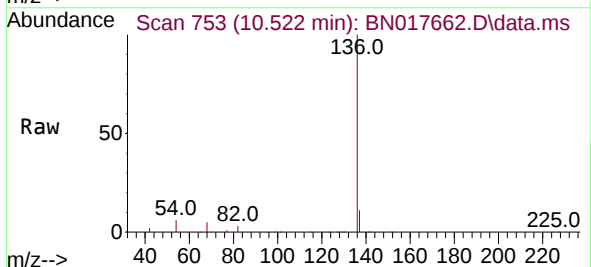
Instrument :
BNA_N
ClientSampleId :
SP5768

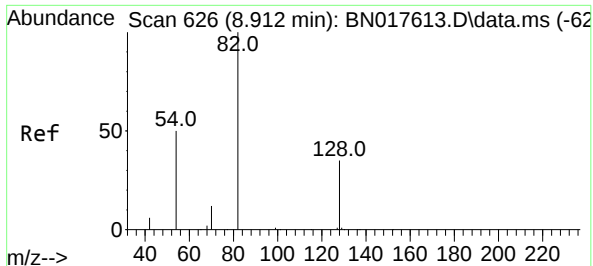
Tgt Ion: 99 Resp: 14257
Ion Ratio Lower Upper
99 100
42 20.2 17.0 25.6
71 37.5 24.8 37.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.522 min Scan# 753
Delta R.T. -0.025 min
Lab File: BN017662.D
Acq: 01 Dec 2021 22:03

Tgt Ion: 136 Resp: 74185
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 5.9 4.0 6.0
68 5.0 3.0 4.6#

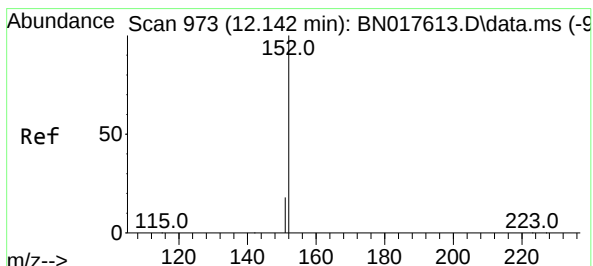
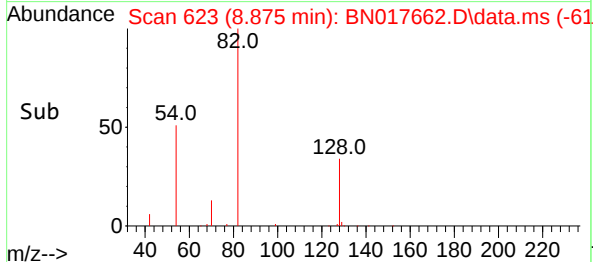
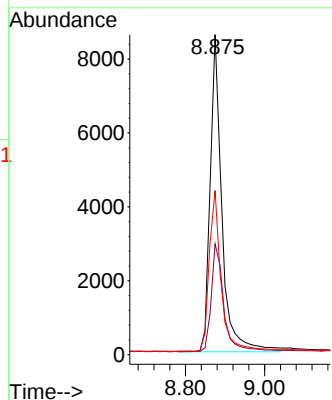
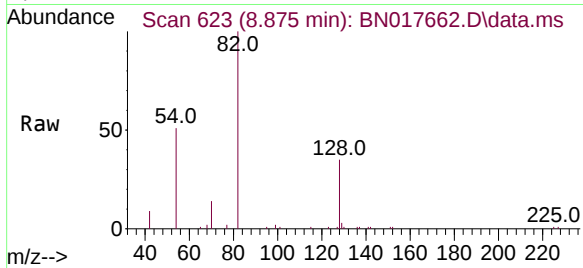




#8
Nitrobenzene-d5
Concen: 0.562 ng
RT: 8.875 min Scan# 61
Delta R.T. -0.038 min
Lab File: BN017662.D
Acq: 01 Dec 2021 22:03

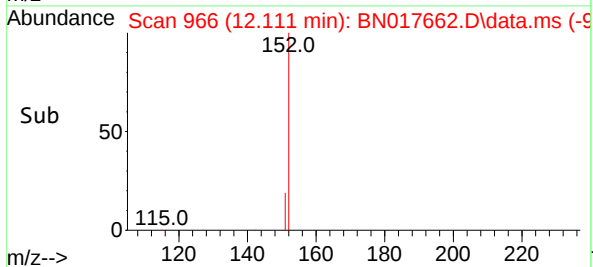
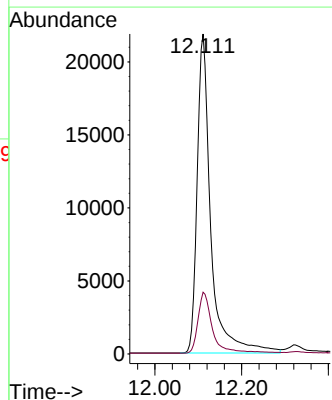
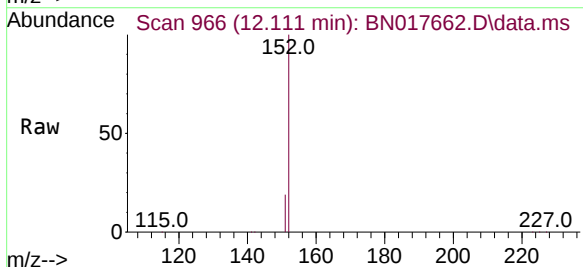
Instrument :
BNA_N
ClientSampleId :
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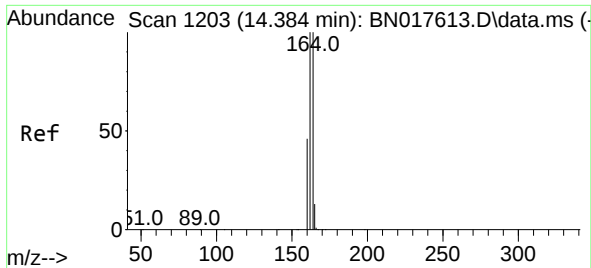
Tgt Ion: 82 Resp: 17697
Ion Ratio Lower Upper
82 100
128 34.6 27.7 41.5
54 51.3 49.2 73.8



#11
2-Methylnaphthalene-d10
Concen: 0.369 ng
RT: 12.111 min Scan# 966
Delta R.T. -0.027 min
Lab File: BN017662.D
Acq: 01 Dec 2021 22:03

Tgt Ion: 152 Resp: 47818
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4

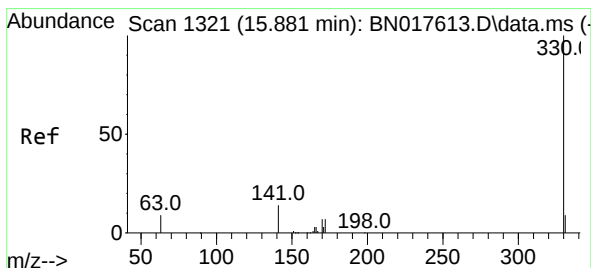
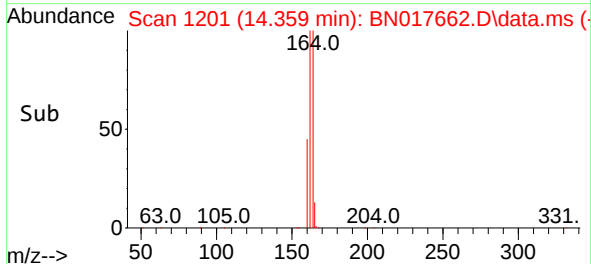
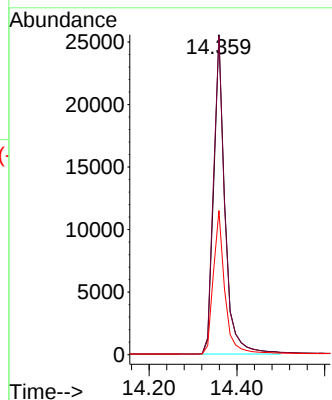
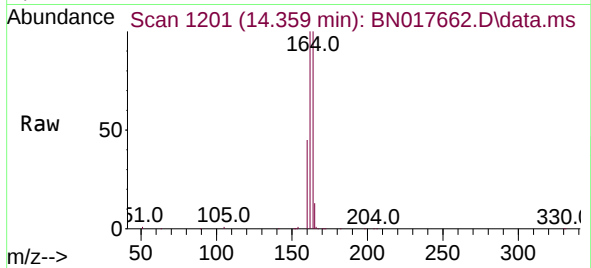




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.359 min Scan# 1319
 Delta R.T. -0.025 min
 Lab File: BN017662.D
 Acq: 01 Dec 2021 22:03

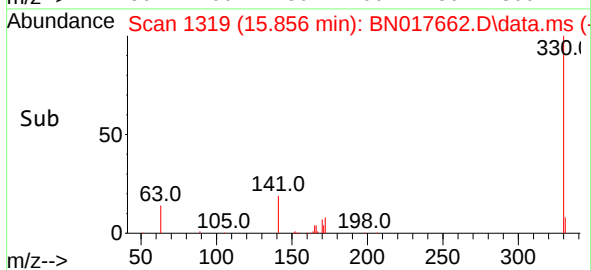
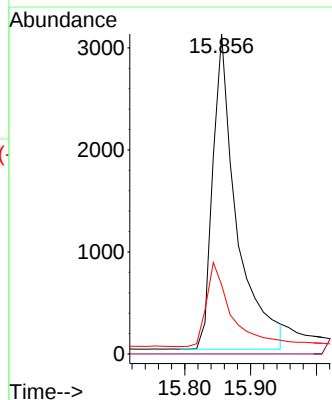
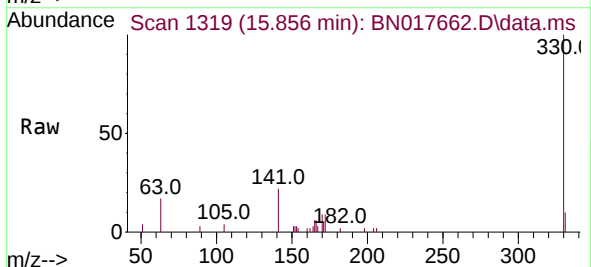
Instrument :
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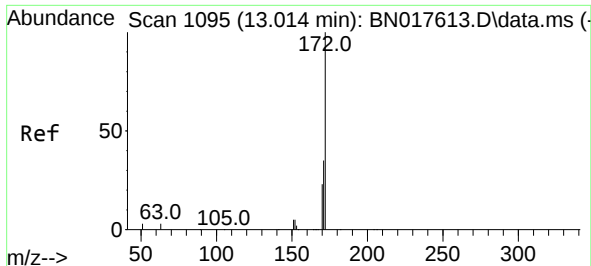
Tgt Ion:164 Resp: 45455
 Ion Ratio Lower Upper
 164 100
 162 99.6 81.4 122.2
 160 45.0 36.8 55.2



#14
 2,4,6-Tribromophenol
 Concen: 0.397 ng
 RT: 15.856 min Scan# 1319
 Delta R.T. -0.013 min
 Lab File: BN017662.D
 Acq: 01 Dec 2021 22:03

Tgt Ion:330 Resp: 7755
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 27.7 28.9 43.3#

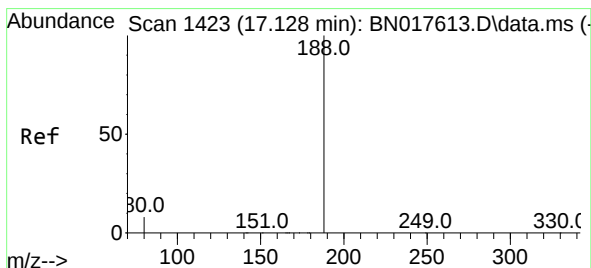
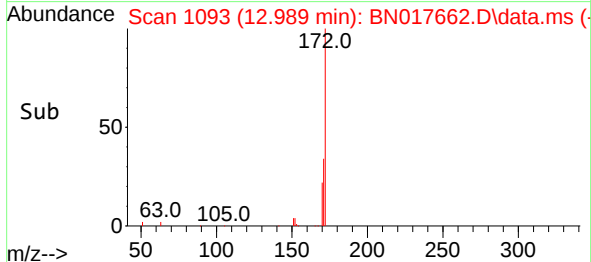
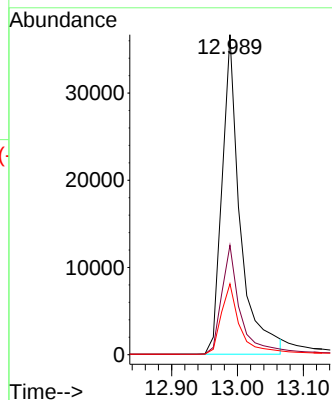
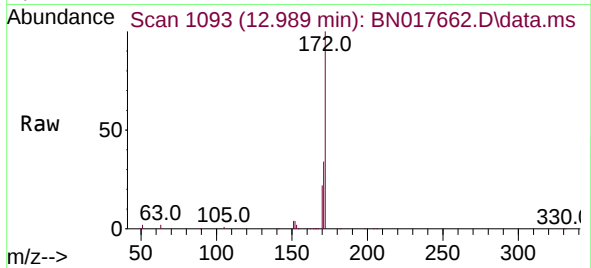




#15
2-Fluorobiphenyl
Concen: 0.395 ng
RT: 12.989 min Scan# 1093
Delta R.T. -0.025 min
Lab File: BN017662.D
Acq: 01 Dec 2021 22:03

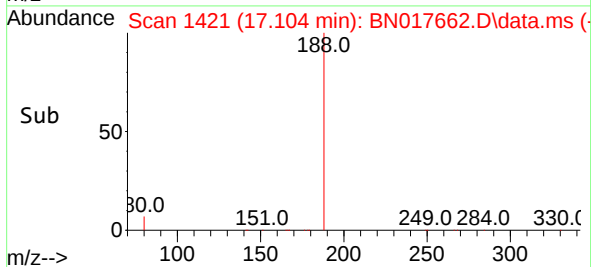
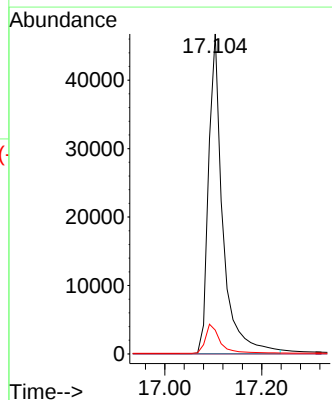
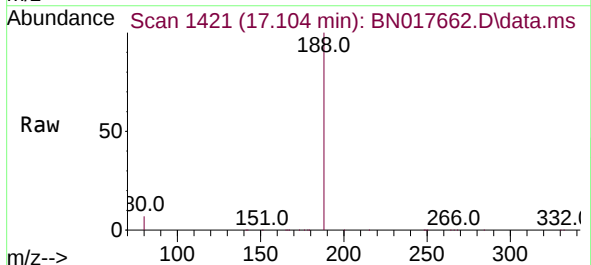
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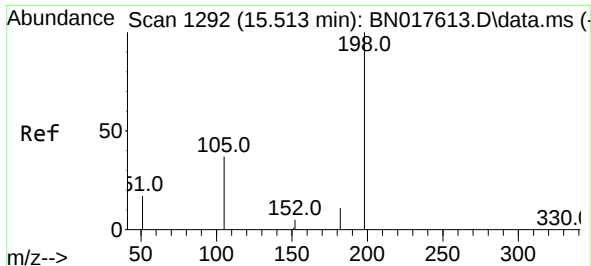
Tgt Ion:172 Resp: 69933
Ion Ratio Lower Upper
172 100
171 34.2 28.7 43.1
170 22.2 19.4 29.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.104 min Scan# 1421
Delta R.T. -0.012 min
Lab File: BN017662.D
Acq: 01 Dec 2021 22:03

Tgt Ion:188 Resp: 95287
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.4 6.1 9.1

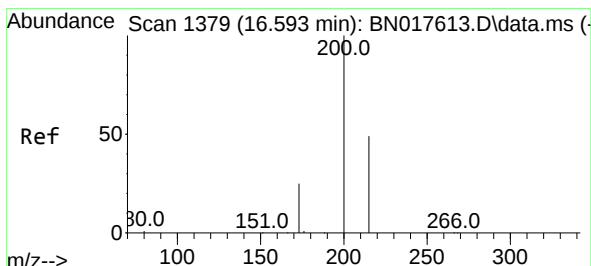
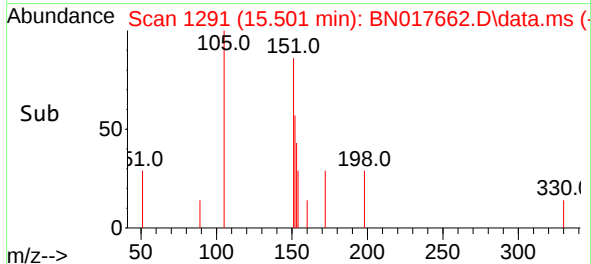
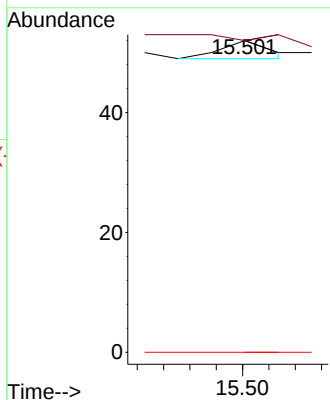
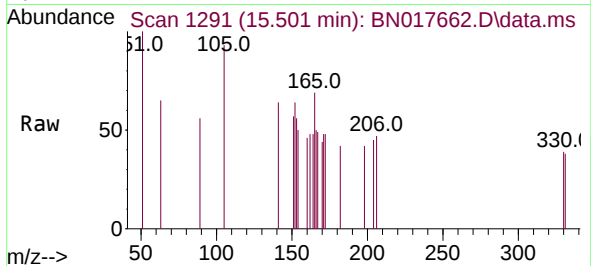




#20
4,6-Dinitro-2-methylphenol
Concen: 0.057 ng
RT: 15.501 min Scan# 11
Delta R.T. -0.013 min
Lab File: BN017662.D
Acq: 01 Dec 2021 22:03

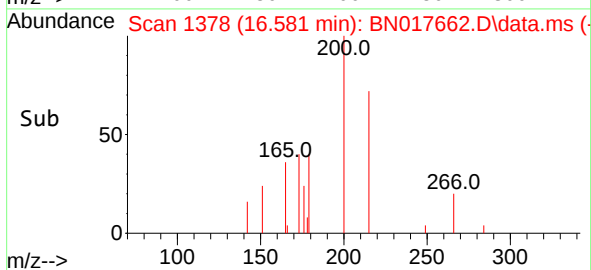
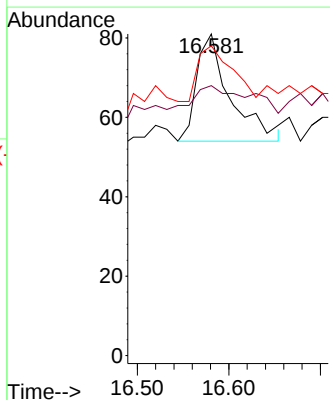
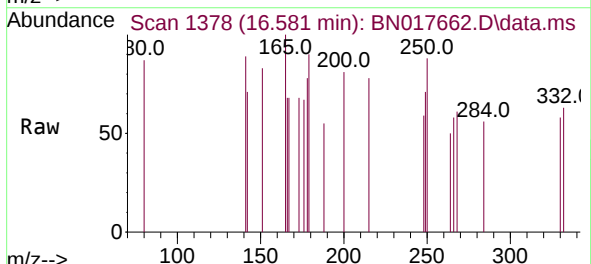
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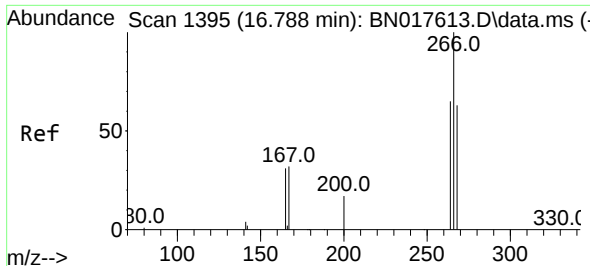
Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
182 100.0 11.4 17.2#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.132 ng
RT: 16.581 min Scan# 1378
Delta R.T. -0.012 min
Lab File: BN017662.D
Acq: 01 Dec 2021 22:03

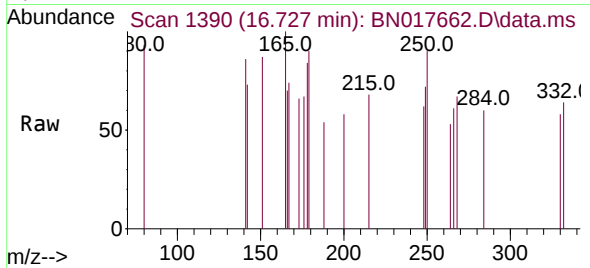
Tgt Ion:200 Resp: 69
Ion Ratio Lower Upper
200 100
173 84.0 17.6 26.4#
215 96.3 40.2 60.4#



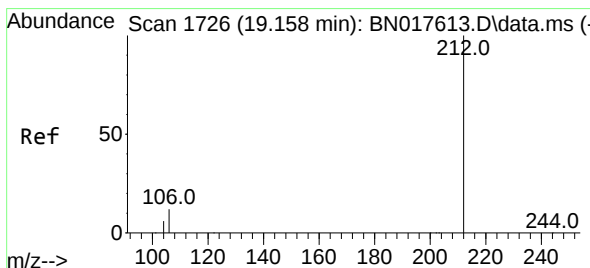
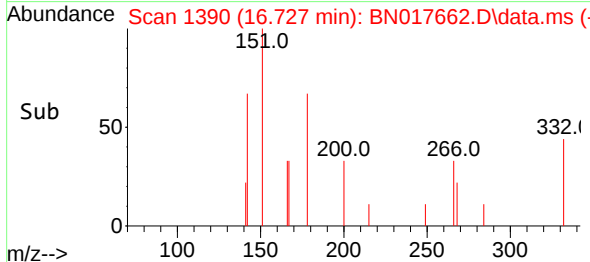
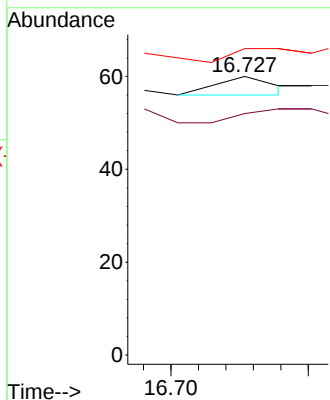


#24
 Pentachlorophenol
 Concen: 0.193 ng
 RT: 16.727 min Scan# 11
 Delta R.T. -0.049 min
 Lab File: BN017662.D
 Acq: 01 Dec 2021 22:03

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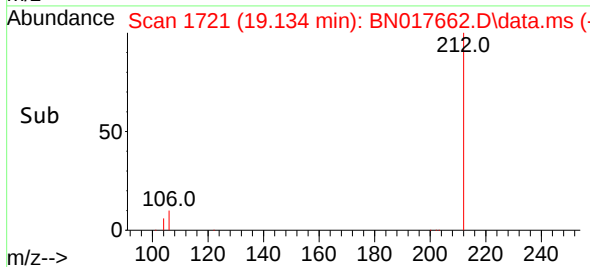
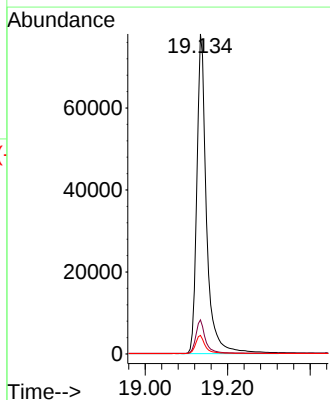
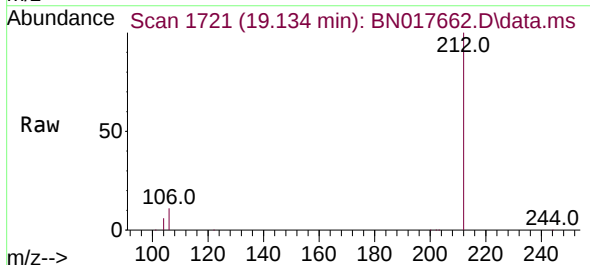


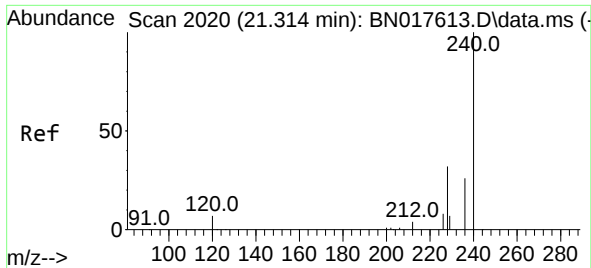
Tgt Ion:266	Resp:	6	
Ion	Ratio	Lower	Upper
266	100		
264	133.3	49.8	74.8#
268	0.0	51.3	76.9#



#27
 Fluoranthene-d10
 Concen: 0.427 ng
 RT: 19.134 min Scan# 1721
 Delta R.T. -0.020 min
 Lab File: BN017662.D
 Acq: 01 Dec 2021 22:03

Tgt	Ion:212	Resp:	127294
Ion	Ratio	Lower	Upper
212	100		
106	10.4	10.5	15.7#
104	5.8	5.8	8.6

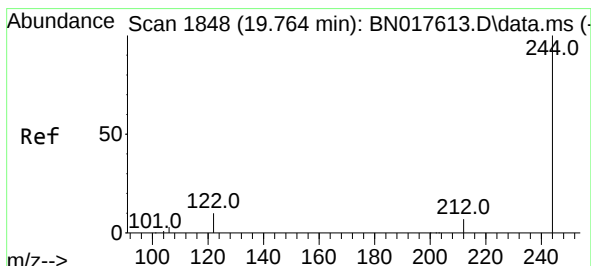
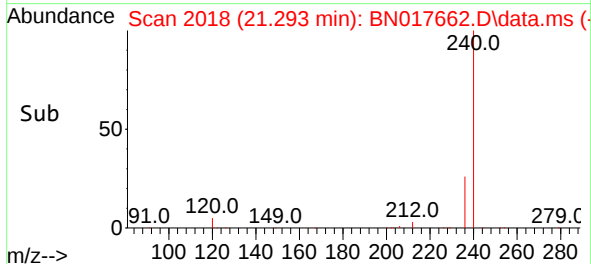
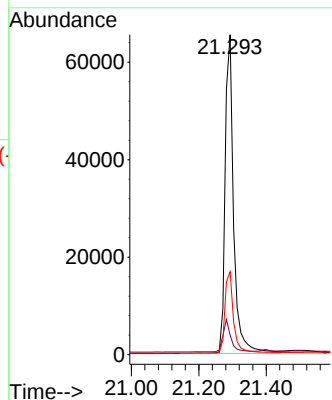
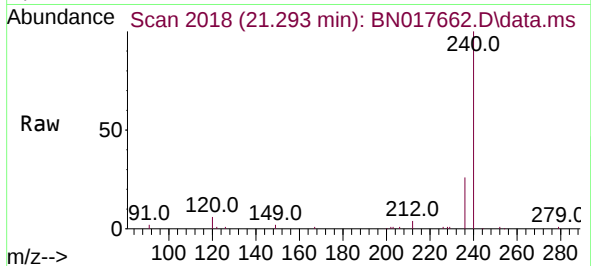




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 20
Delta R.T. -0.010 min
Lab File: BN017662.D
Acq: 01 Dec 2021 22:03

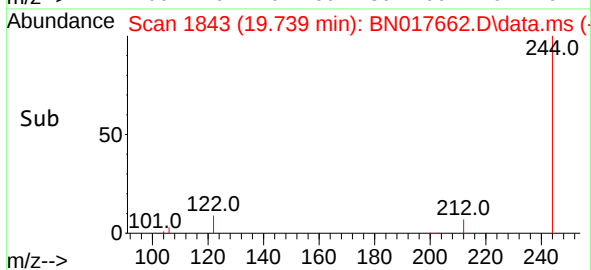
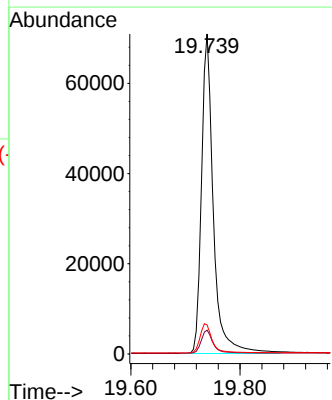
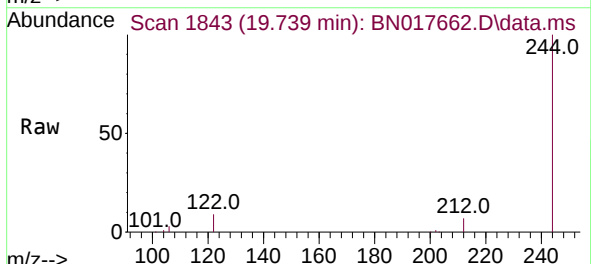
Instrument :
BNA_N
ClientSampleId :
SP5768

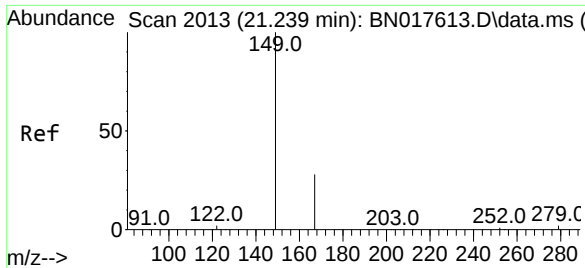
Tgt Ion:240 Resp: 114455
Ion Ratio Lower Upper
240 100
120 6.1 4.2 6.2
236 26.0 20.0 30.0



#31
Terphenyl-d14
Concen: 0.427 ng
RT: 19.739 min Scan# 1843
Delta R.T. -0.015 min
Lab File: BN017662.D
Acq: 01 Dec 2021 22:03

Tgt Ion:244 Resp: 107115
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 9.1 8.6 13.0

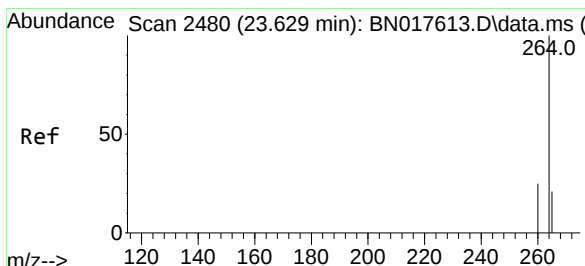
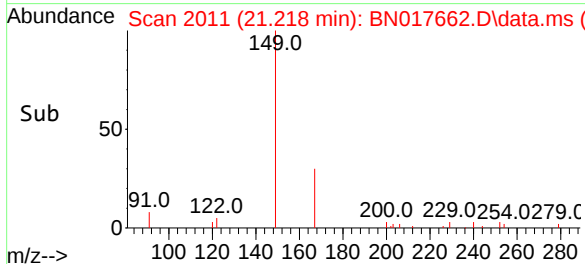
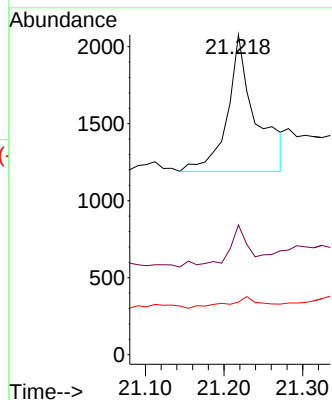
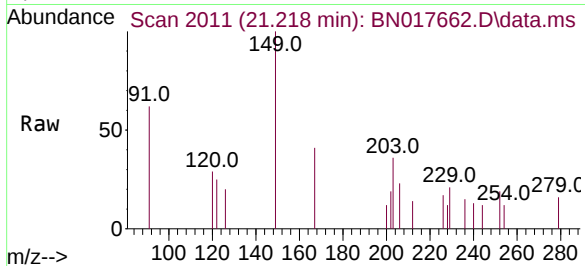




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.027 ng
RT: 21.218 min Scan# 2011
Delta R.T. -0.010 min
Lab File: BN017662.D
Acq: 01 Dec 2021 22:03

Instrument :
BNA_N
ClientSampleId :
SP5768

Tgt Ion:149 Resp: 2198
Ion Ratio Lower Upper
149 100
167 23.7 21.8 32.6
279 10.3 3.4 5.0#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.585 min Scan# 2467
Delta R.T. -0.024 min
Lab File: BN017662.D
Acq: 01 Dec 2021 22:03

Tgt Ion:264 Resp: 118000
Ion Ratio Lower Upper
264 100
260 25.0 19.4 29.2
265 23.6 18.6 28.0

