

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092521\
 Data File : BN016512.D
 Acq On : 26 Sep 2021 15:49
 Operator : CG/JU
 Sample : M3833-13
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE122D2-20210920

Quant Time: Sep 27 05:31:25 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 24 03:35:41 2021
 Response via : Initial Calibration

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

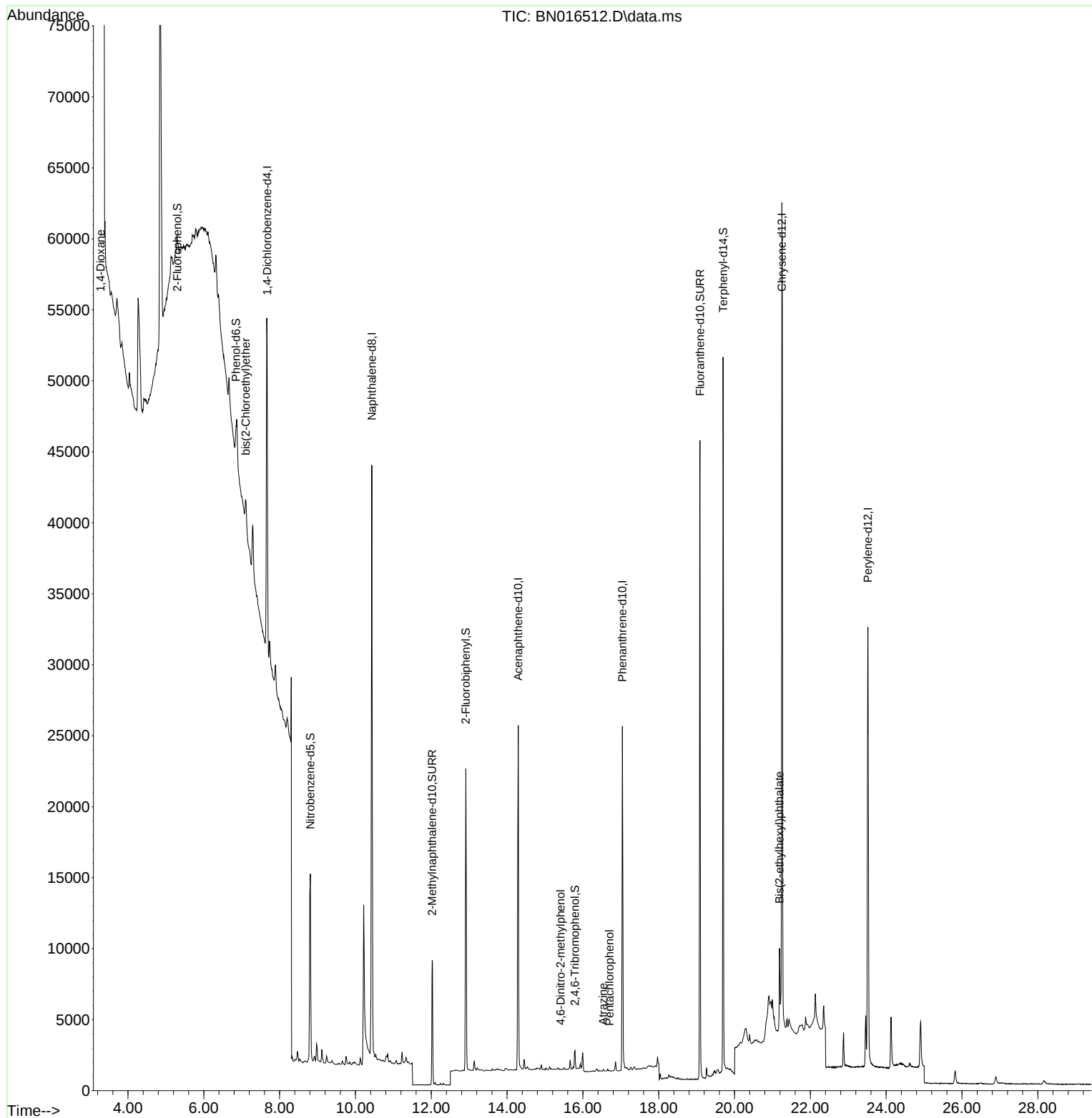
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.670	152	14208	0.400	ng	0.00
7) Naphthalene-d8	10.432	136	51578	0.400	ng	#-0.01
13) Acenaphthene-d10	14.294	164	11299	0.400	ng	# 0.00
19) Phenanthrene-d10	17.042	188	31997	0.400	ng	0.00
29) Chrysene-d12	21.248	240	58974	0.400	ng	# 0.00
35) Perylene-d12	23.518	264	40828	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	1707	0.054	ng	0.02
5) Phenol-d6	6.849	99	1794	0.048	ng	0.00
8) Nitrobenzene-d5	8.810	82	11093	0.304	ng	0.00
11) 2-Methylnaphthalene-d10	12.025	152	11699	0.153	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	1055	0.376	ng	0.00
15) 2-Fluorobiphenyl	12.911	172	17624	0.371	ng	-0.01
27) Fluoranthene-d10	19.087	212	50487	0.575	ng	0.00
31) Terphenyl-d14	19.698	244	48254	0.352	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.281	88	6439	1.057	ng	# 78
6) bis(2-Chloroethyl)ether	7.107	93	983	0.026	ng	# 77
20) 4,6-Dinitro-2-methylph...	15.410	198	2	0.148	ng	# 1
23) Atrazine	16.531	200	8	0.136	ng	# 1
24) Pentachlorophenol	16.701	266	19	0.246	ng	# 58
34) Bis(2-ethylhexyl)phtha...	21.185	149	5534	0.119	ng	# 92

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

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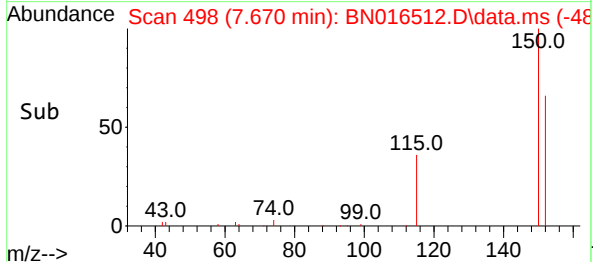
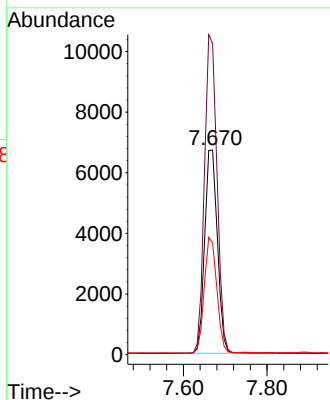
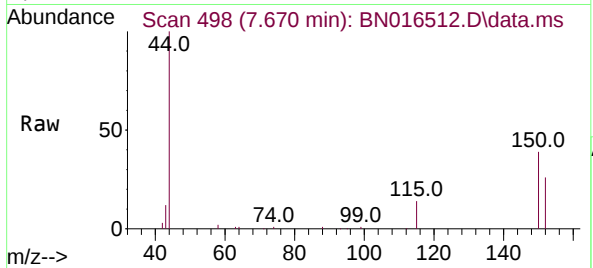




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.670 min Scan# 498
 Delta R.T. -0.000 min
 Lab File: BN016512.D
 Acq: 26 Sep 2021 15:49

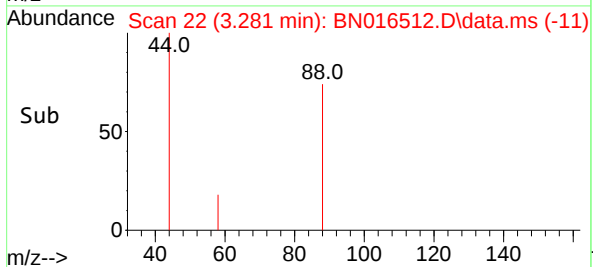
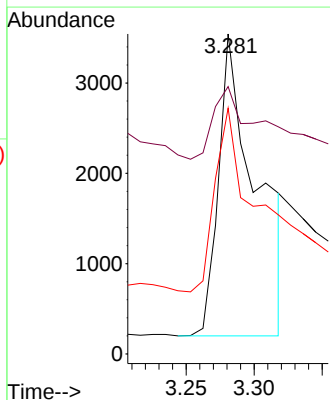
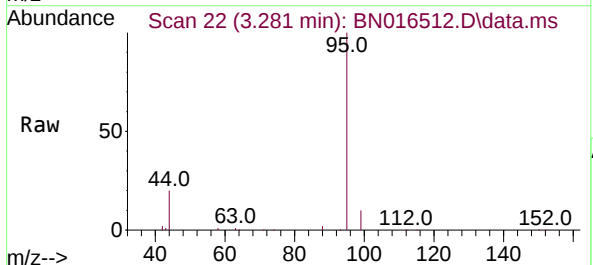
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 RE122D2-20210920

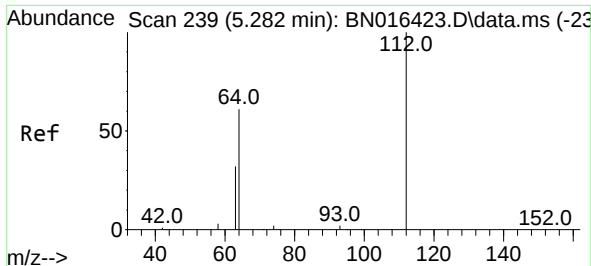
Tgt Ion:152 Resp: 14208
 Ion Ratio Lower Upper
 152 100
 150 152.0 125.6 188.4
 115 54.7 50.2 75.2



#2
 1,4-Dioxane
 Concen: 1.057 ng
 RT: 3.281 min Scan# 22
 Delta R.T. -0.000 min
 Lab File: BN016512.D
 Acq: 26 Sep 2021 15:49

Tgt Ion: 88 Resp: 6439
 Ion Ratio Lower Upper
 88 100
 43 26.1 20.3 30.5
 58 62.0 69.9 104.9#

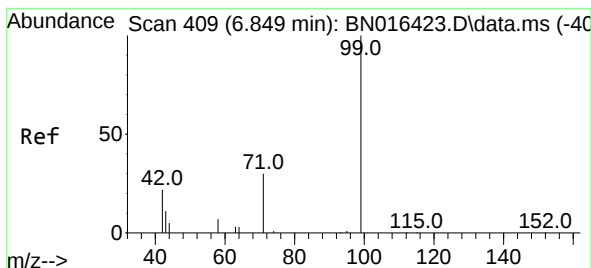
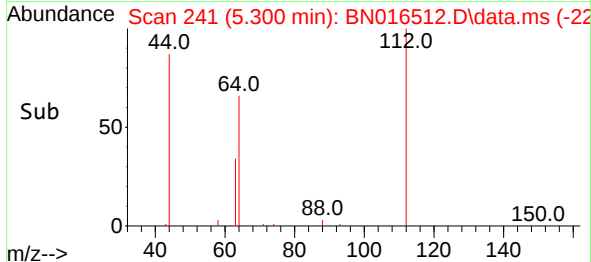
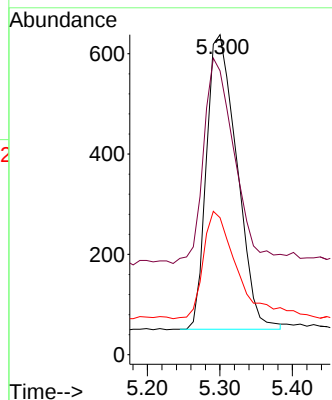
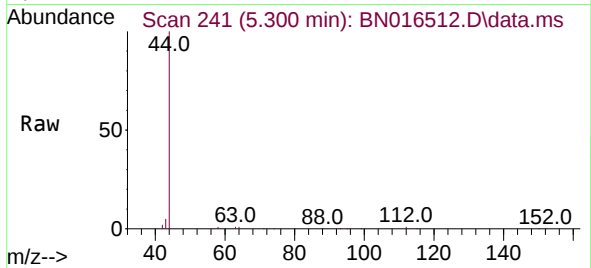




#4
2-Fluorophenol
Concen: 0.054 ng
RT: 5.300 min Scan# 241
Delta R.T. 0.018 min
Lab File: BN016512.D
Acq: 26 Sep 2021 15:49

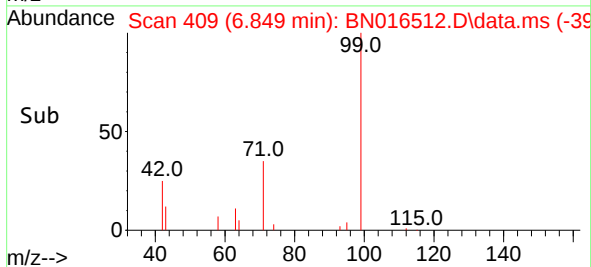
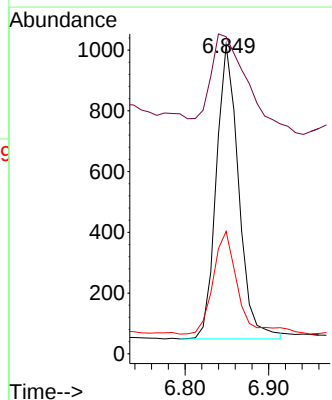
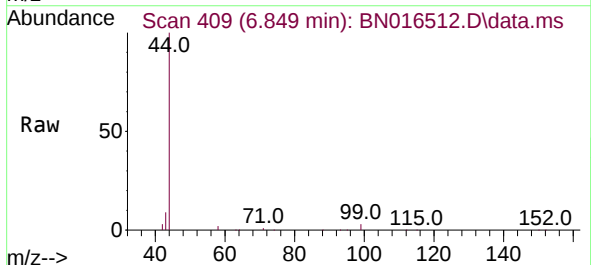
Instrument :
BNA_N
ClientSampleId :
RE122D2-20210920

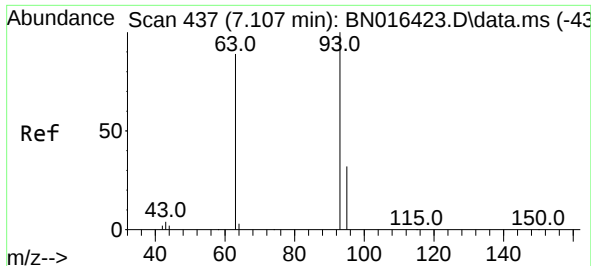
Tgt Ion: 112 Resp: 1707
Ion Ratio Lower Upper
112 100
64 71.5 47.3 70.9#
63 40.2 23.4 35.0#



#5
Phenol-d6
Concen: 0.048 ng
RT: 6.849 min Scan# 409
Delta R.T. -0.000 min
Lab File: BN016512.D
Acq: 26 Sep 2021 15:49

Tgt Ion: 99 Resp: 1794
Ion Ratio Lower Upper
99 100
42 44.8 14.0 21.0#
71 37.3 23.8 35.6#

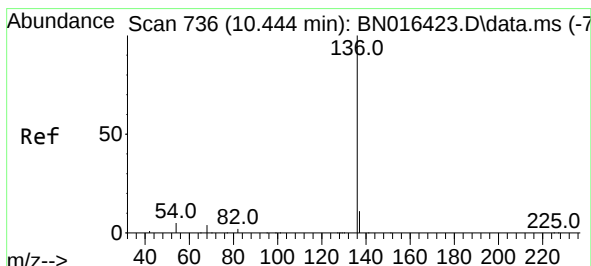
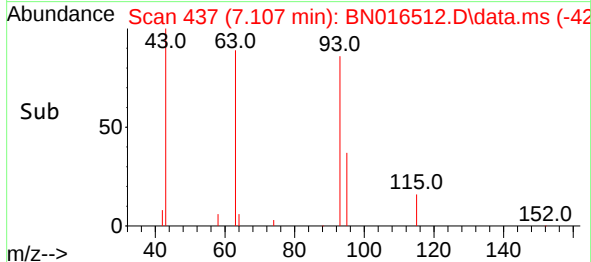
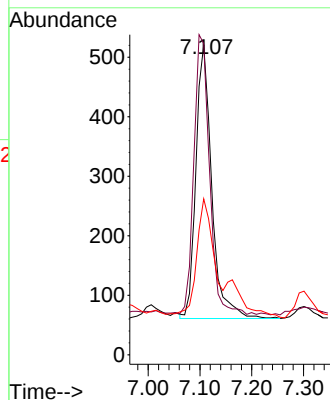
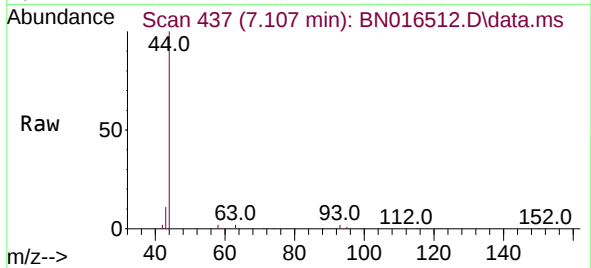




#6
bis(2-Chloroethyl)ether
Concen: 0.026 ng
RT: 7.107 min Scan# 437
Delta R.T. -0.000 min
Lab File: BN016512.D
Acq: 26 Sep 2021 15:49

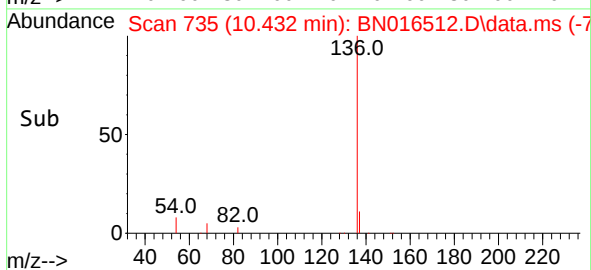
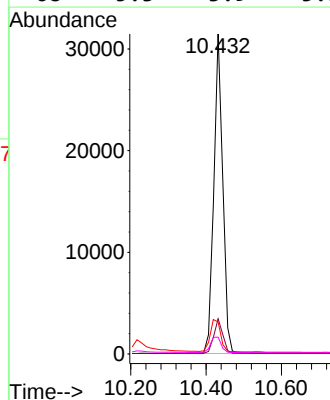
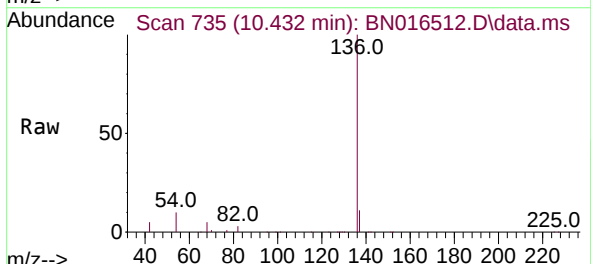
Instrument :
BNA_N
ClientSampleId :
RE122D2-20210920

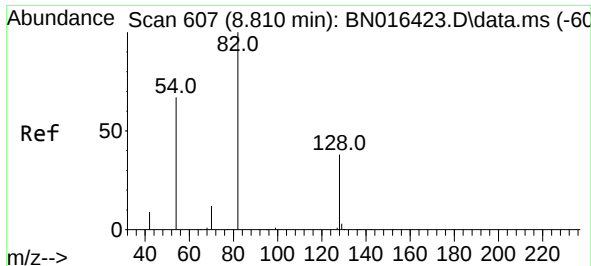
Tgt Ion: 93 Resp: 983
Ion Ratio Lower Upper
93 100
63 101.7 63.4 95.0#
95 43.2 26.8 40.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.432 min Scan# 735
Delta R.T. -0.013 min
Lab File: BN016512.D
Acq: 26 Sep 2021 15:49

Tgt Ion: 136 Resp: 51578
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 10.0 5.3 7.9#
68 5.3 3.9 5.9

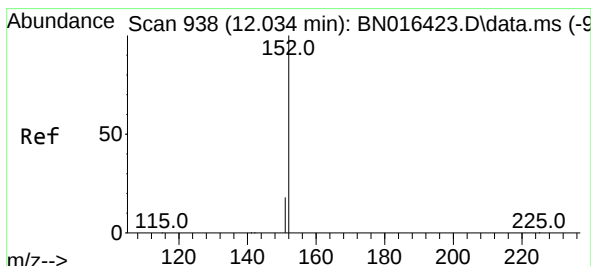
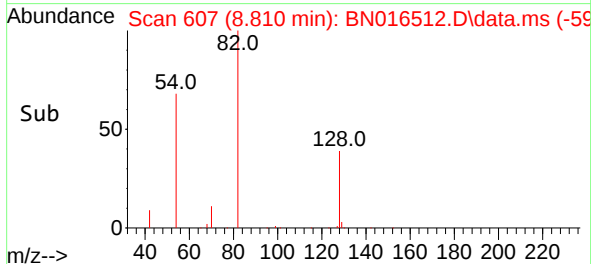
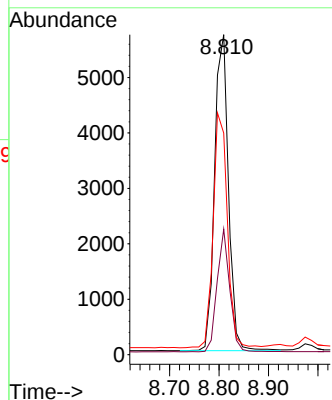
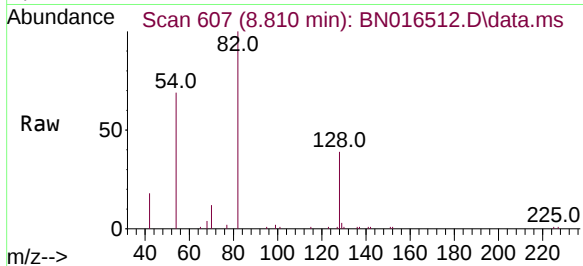




#8
Nitrobenzene-d5
Concen: 0.304 ng
RT: 8.810 min Scan# 607
Delta R.T. -0.000 min
Lab File: BN016512.D
Acq: 26 Sep 2021 15:49

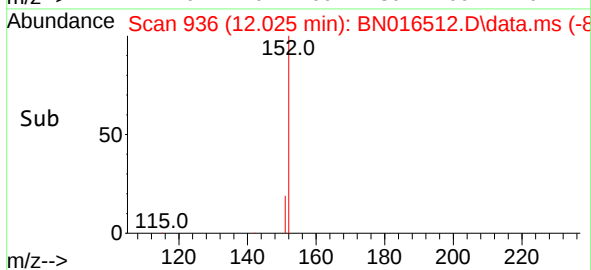
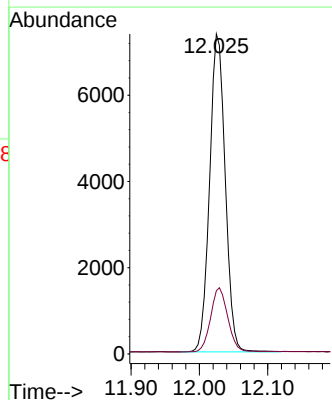
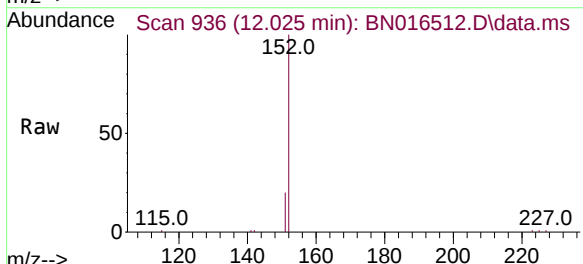
Instrument :
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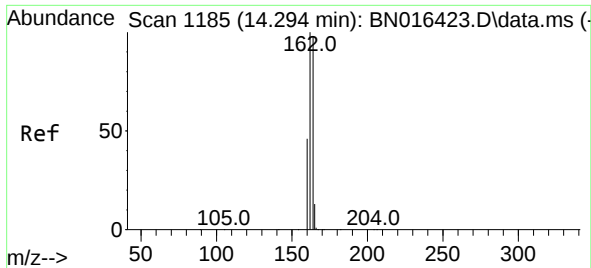
Tgt Ion:	82	Resp:	11093
Ion Ratio	Lower	Upper	
82	100		
128	39.2	31.7	47.5
54	69.2	46.4	69.6



#11
2-Methylnaphthalene-d10
Concen: 0.153 ng
RT: 12.025 min Scan# 936
Delta R.T. -0.009 min
Lab File: BN016512.D
Acq: 26 Sep 2021 15:49

Tgt Ion:	152	Resp:	11699
Ion Ratio	Lower	Upper	
152	100		
151	22.2	16.1	24.1

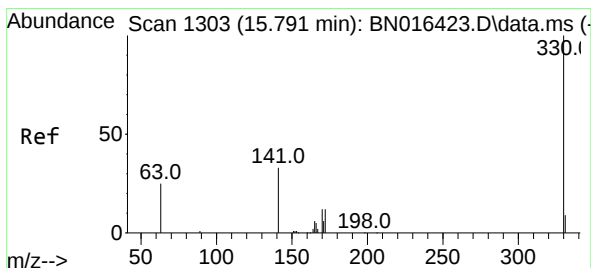
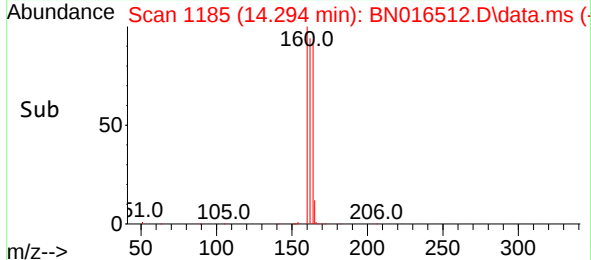
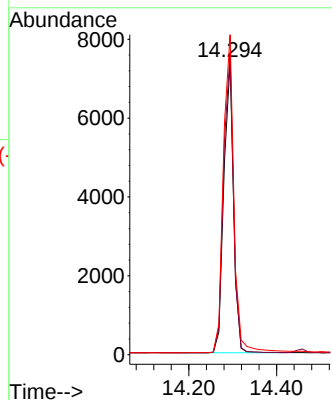
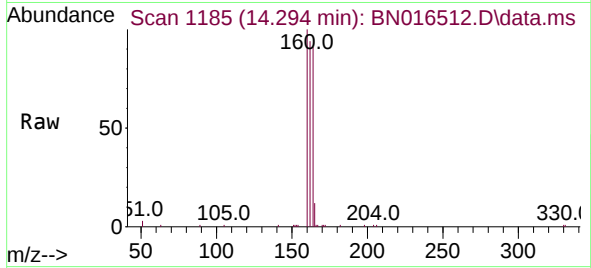




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. -0.000 min
Lab File: BN016512.D
Acq: 26 Sep 2021 15:49

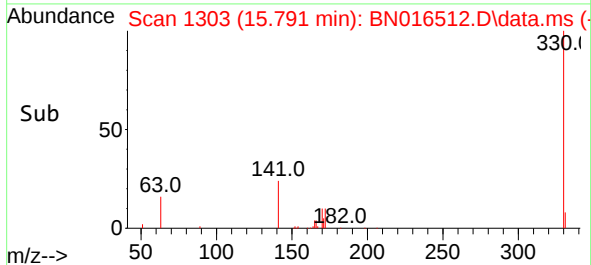
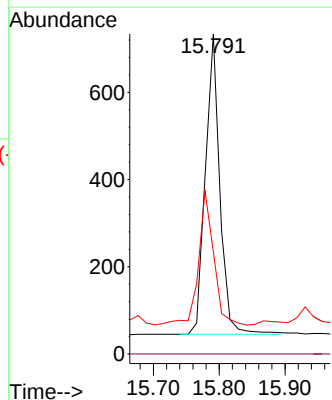
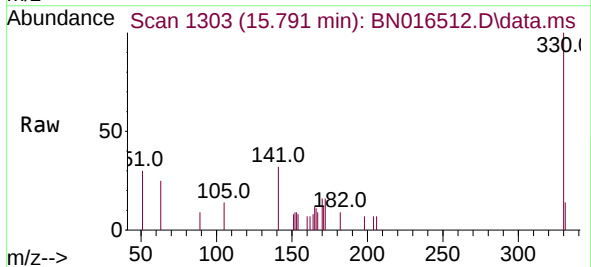
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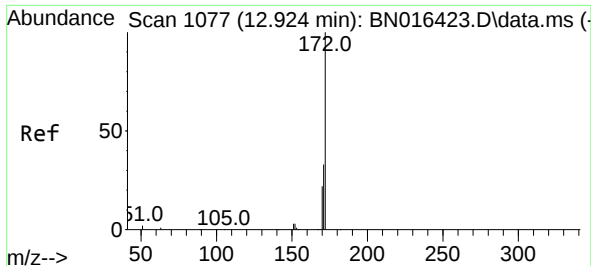
Tgt Ion:164 Resp: 11299
Ion Ratio Lower Upper
164 100
162 103.2 79.0 118.4
160 109.4 34.1 51.1#



#14
2,4,6-Tribromophenol
Concen: 0.376 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016512.D
Acq: 26 Sep 2021 15:49

Tgt Ion:330 Resp: 1055
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 46.7 25.0 37.4#

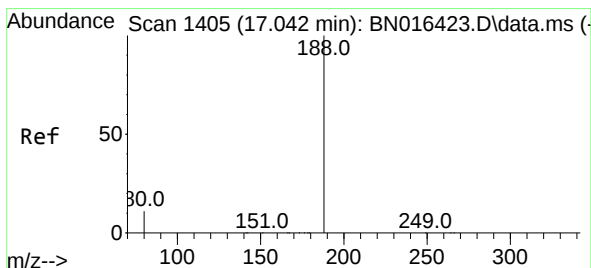
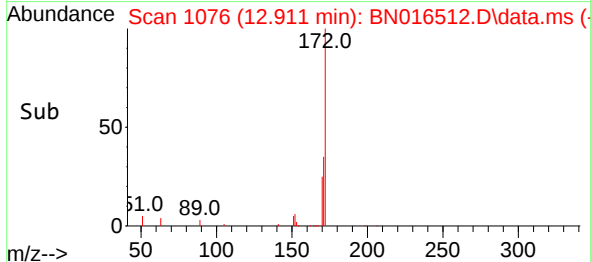
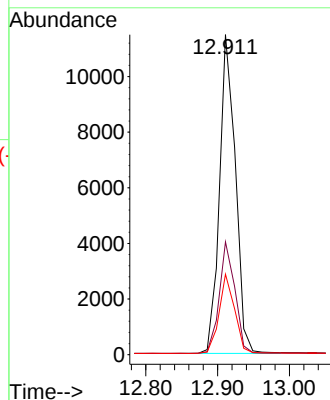
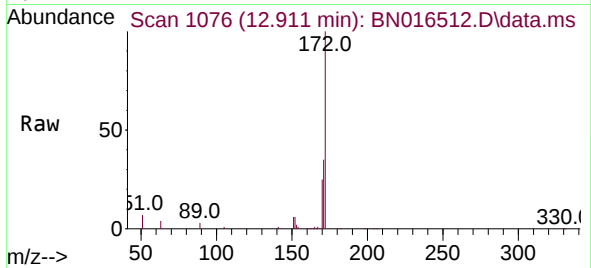




#15
2-Fluorobiphenyl
Concen: 0.371 ng
RT: 12.911 min Scan# 1076
Delta R.T. -0.013 min
Lab File: BN016512.D
Acq: 26 Sep 2021 15:49

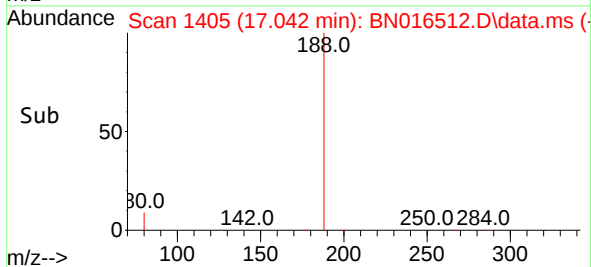
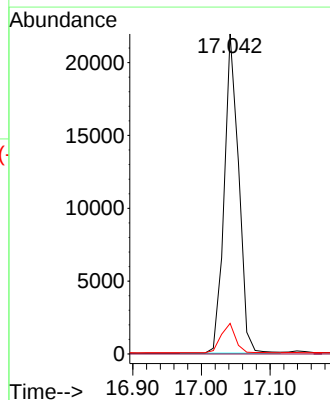
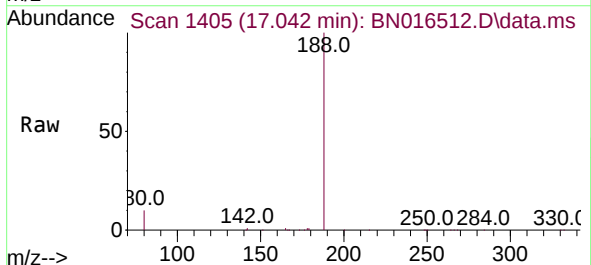
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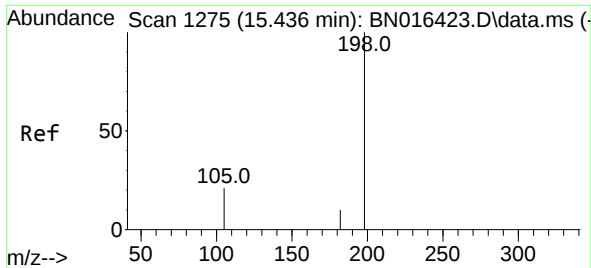
Tgt Ion:172	Resp:	17624
Ion Ratio	Lower	Upper
172	100	
171	35.2	27.8 41.6
170	25.2	18.2 27.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN016512.D
Acq: 26 Sep 2021 15:49

Tgt Ion:188	Resp:	31997
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	9.5	7.0 10.6

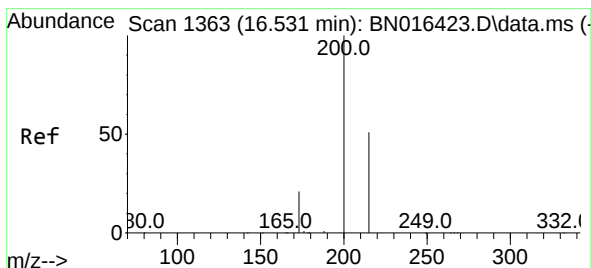
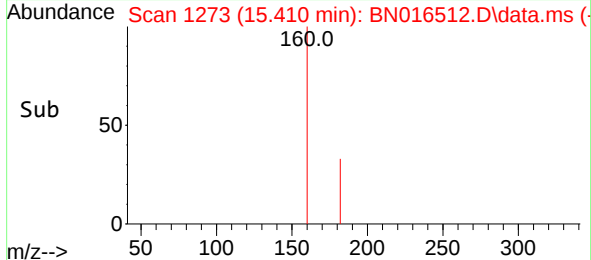
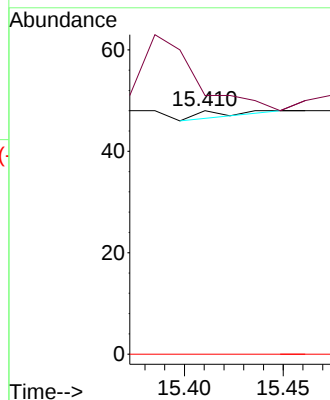
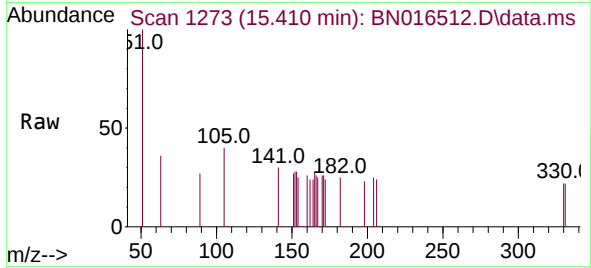




#20
4,6-Dinitro-2-methylphenol
Concen: 0.148 ng
RT: 15.410 min Scan# 1273
Delta R.T. -0.026 min
Lab File: BN016512.D
Acq: 26 Sep 2021 15:49

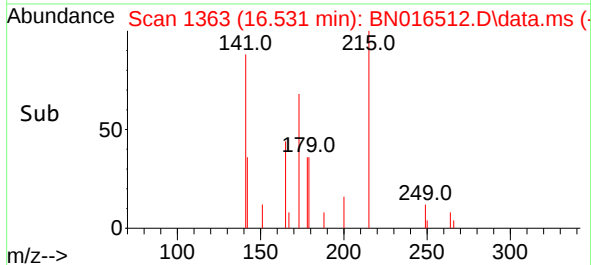
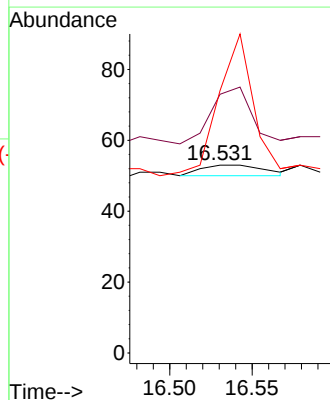
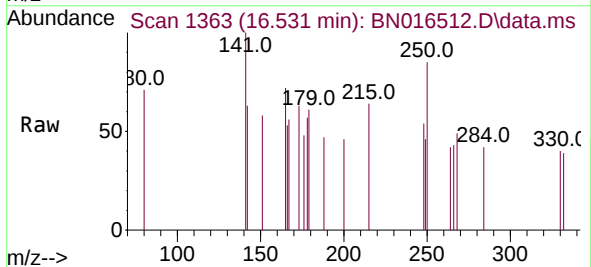
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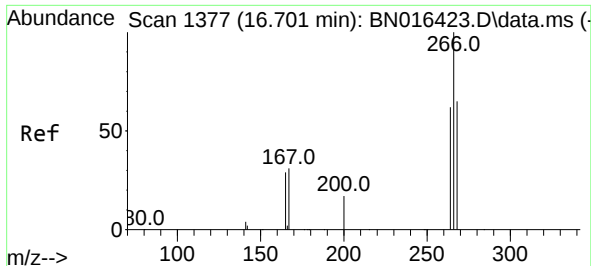
Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
182 106.3 26.6 39.8#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.136 ng
RT: 16.531 min Scan# 1363
Delta R.T. -0.000 min
Lab File: BN016512.D
Acq: 26 Sep 2021 15:49

Tgt Ion:200 Resp: 8
Ion Ratio Lower Upper
200 100
173 137.7 18.7 28.1#
215 139.6 41.6 62.4#

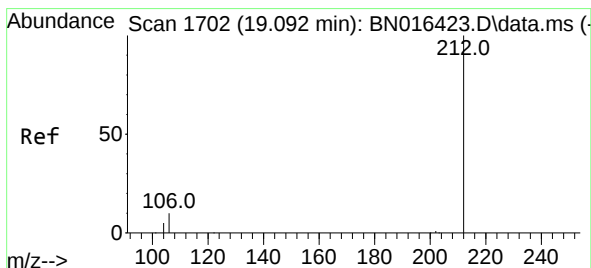
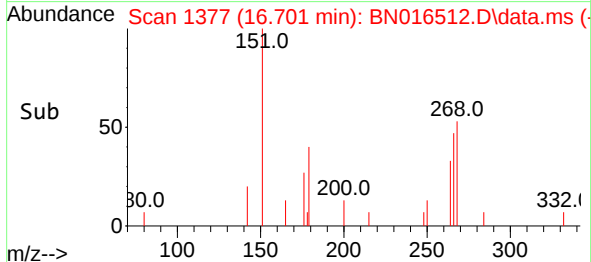
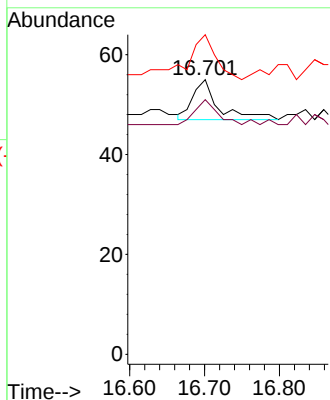
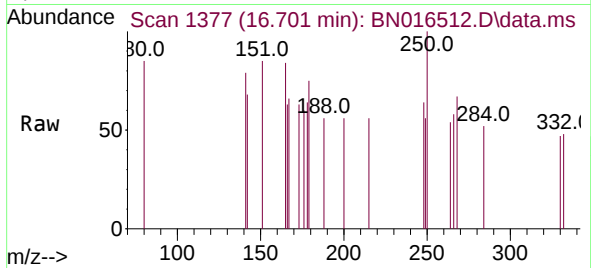




#24
 Pentachlorophenol
 Concen: 0.246 ng
 RT: 16.701 min Scan# 1377
 Delta R.T. -0.000 min
 Lab File: BN016512.D
 Acq: 26 Sep 2021 15:49

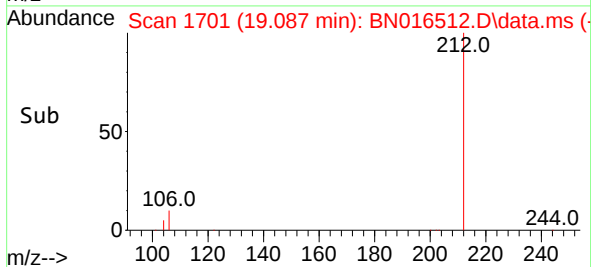
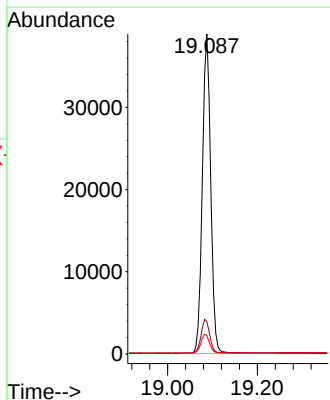
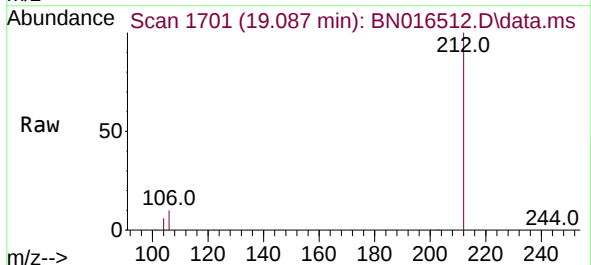
Instrument :
 BNA_N
 ClientSampleId :
 RE122D2-20210920

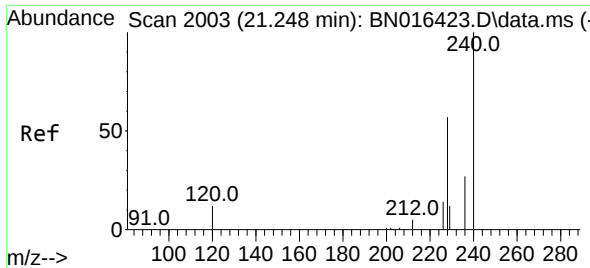
Tgt Ion:	266	Resp:	19
Ion Ratio	Lower	Upper	
266	100		
264	52.6	50.6	75.8
268	121.1	52.6	79.0#



#27
 Fluoranthene-d10
 Concen: 0.575 ng
 RT: 19.087 min Scan# 1701
 Delta R.T. -0.005 min
 Lab File: BN016512.D
 Acq: 26 Sep 2021 15:49

Tgt Ion:	212	Resp:	50487
Ion Ratio	Lower	Upper	
212	100		
106	10.8	9.8	14.6
104	6.1	5.4	8.2

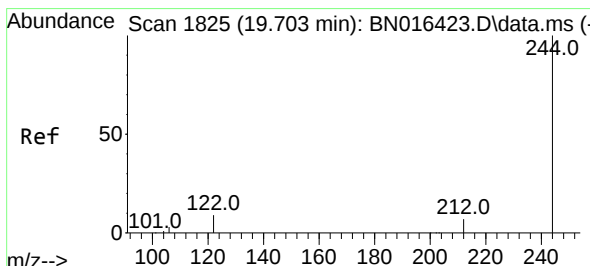
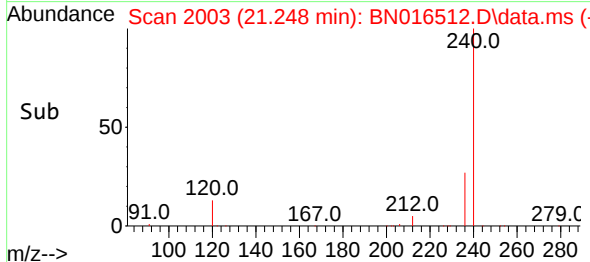
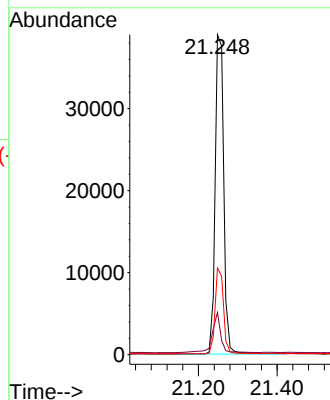
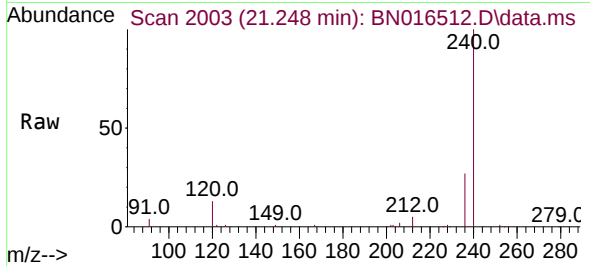




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.248 min Scan# 2003
Delta R.T. -0.000 min
Lab File: BN016512.D
Acq: 26 Sep 2021 15:49

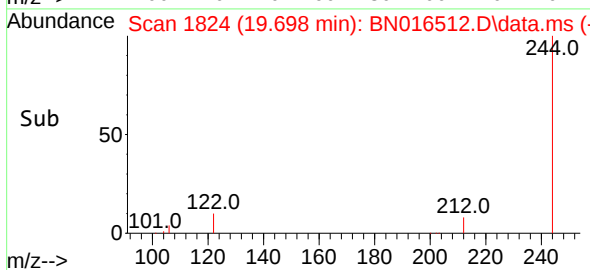
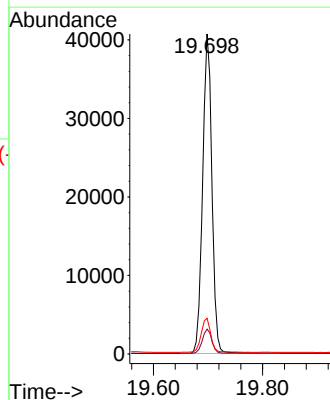
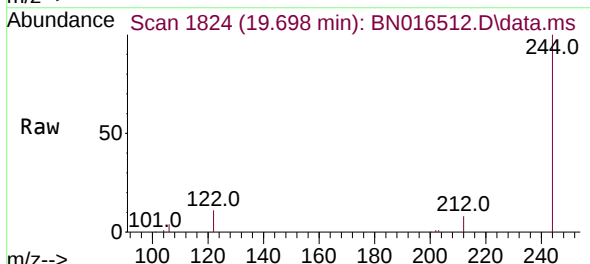
Instrument :
BNA_N
ClientSampleId :
RE122D2-20210920

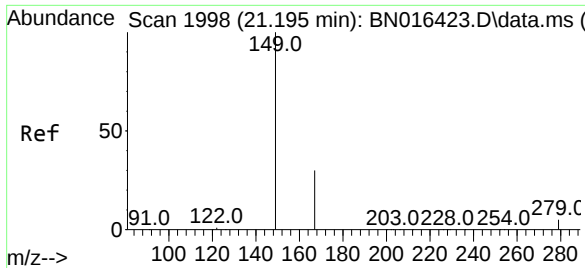
Tgt Ion:240 Resp: 58974
Ion Ratio Lower Upper
240 100
120 13.2 5.3 7.9#
236 27.1 19.8 29.8



#31
Terphenyl-d14
Concen: 0.352 ng
RT: 19.698 min Scan# 1824
Delta R.T. -0.005 min
Lab File: BN016512.D
Acq: 26 Sep 2021 15:49

Tgt Ion:244 Resp: 48254
Ion Ratio Lower Upper
244 100
212 7.7 5.5 8.3
122 11.1 9.0 13.4

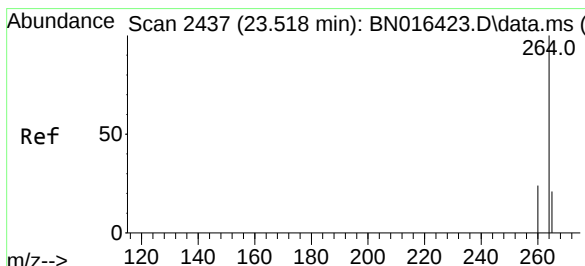
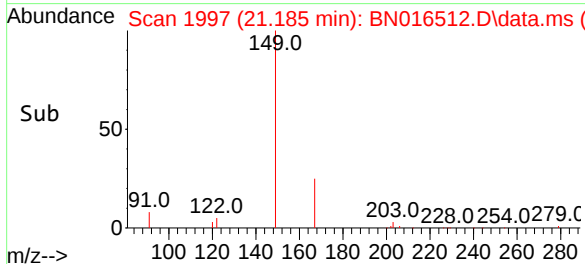
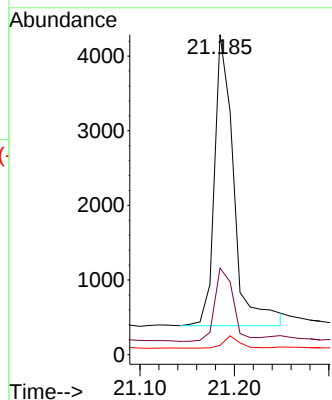
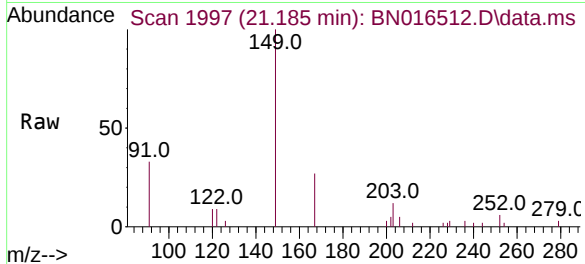




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.119 ng
 RT: 21.185 min Scan# 1997
 Delta R.T. -0.011 min
 Lab File: BN016512.D
 Acq: 26 Sep 2021 15:49

Instrument :
 BNA_N
 ClientSampleId :
 RE122D2-20210920

Tgt Ion:	149	Resp:	5534
Ion Ratio	Lower	Upper	
149	100		
167	24.5	23.4	35.0
279	3.4	3.9	5.9#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.518 min Scan# 2437
 Delta R.T. -0.000 min
 Lab File: BN016512.D
 Acq: 26 Sep 2021 15:49

Tgt Ion:	264	Resp:	40828
Ion Ratio	Lower	Upper	
264	100		
260	25.4	18.9	28.3
265	24.3	23.7	35.5

