

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092521\
 Data File : BN016502.D
 Acq On : 26 Sep 2021 08:38
 Operator : CG/JU
 Sample : M3833-09
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE103D2-20210920

Quant Time: Sep 27 05:30:07 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)

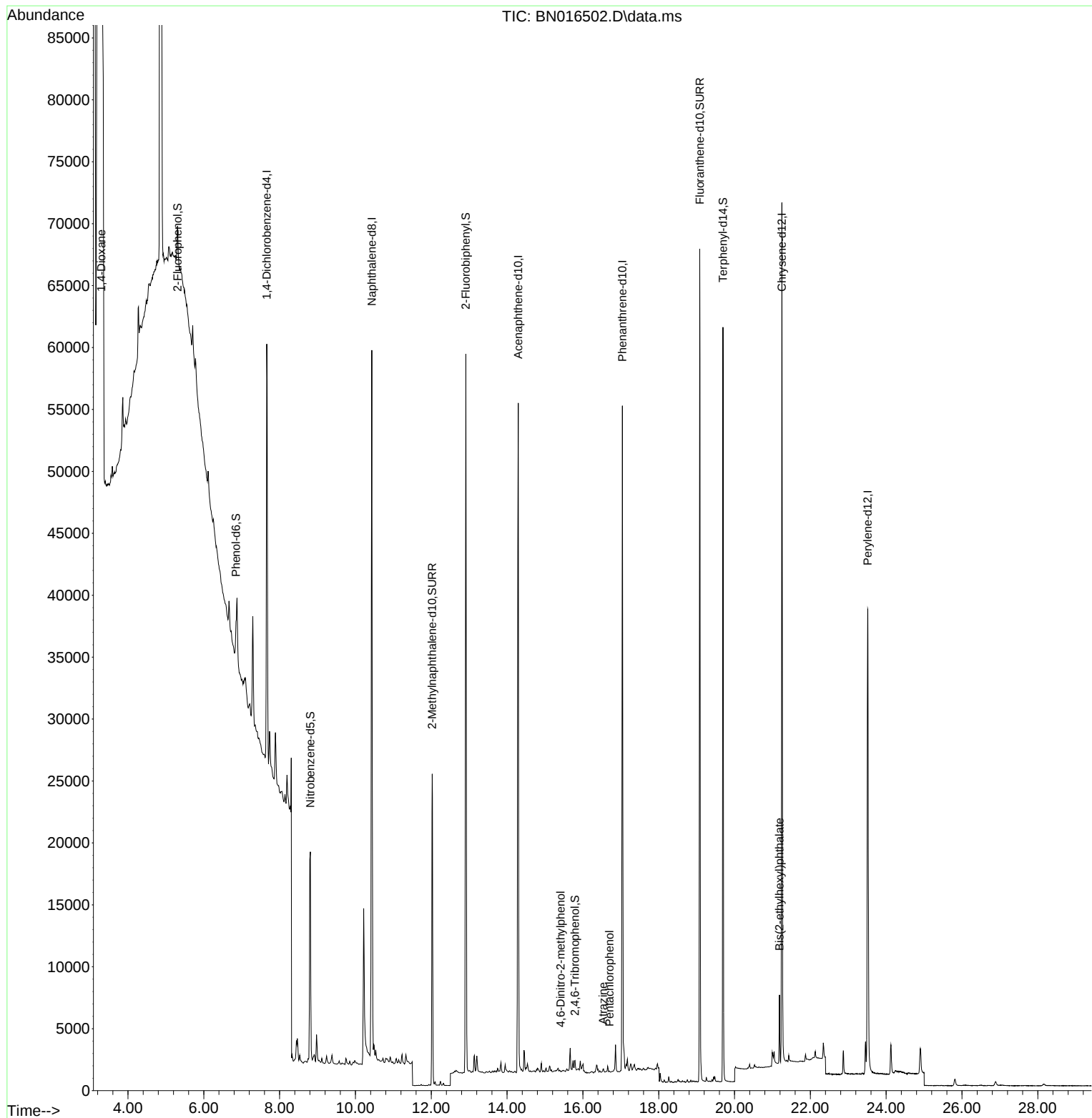
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.661	152	18081	0.400	ng	0.00
7) Naphthalene-d8	10.432	136	73074	0.400	ng	#-0.01
13) Acenaphthene-d10	14.294	164	31083	0.400	ng	# 0.00
19) Phenanthrene-d10	17.042	188	66957	0.400	ng	0.00
29) Chrysene-d12	21.249	240	62579	0.400	ng	0.00
35) Perylene-d12	23.515	264	51266	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.310	112	2847	0.070	ng	0.03
5) Phenol-d6	6.849	99	2381	0.050	ng	0.00
8) Nitrobenzene-d5	8.810	82	14419	0.279	ng	0.00
11) 2-Methylnaphthalene-d10	12.025	152	33197	0.307	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	629	0.178	ng	0.00
15) 2-Fluorobiphenyl	12.911	172	48448	0.371	ng	-0.01
27) Fluoranthene-d10	19.083	212	74982	0.408	ng	0.00
31) Terphenyl-d14	19.693	244	59740	0.411	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.300	88	1286	0.166	ng	# 81
20) 4,6-Dinitro-2-methylph...	15.411	198	5	0.148	ng	# 1
23) Atrazine	16.531	200	51	0.136	ng	# 1
24) Pentachlorophenol	16.701	266	7	0.245	ng	# 19
34) Bis(2-ethylhexyl)phtha...	21.185	149	4592	0.093	ng	96

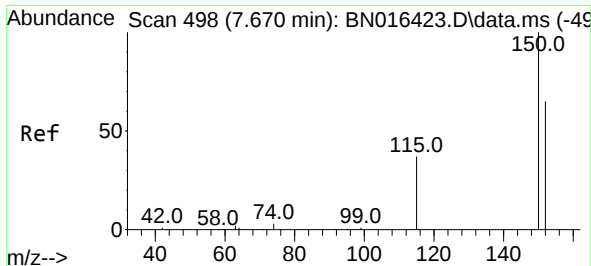
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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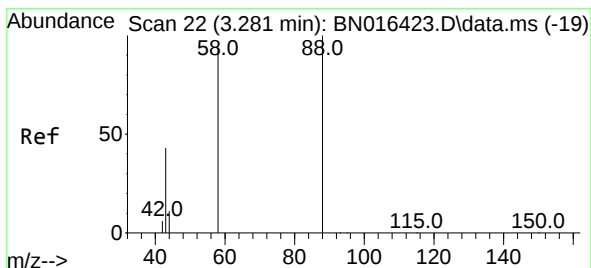
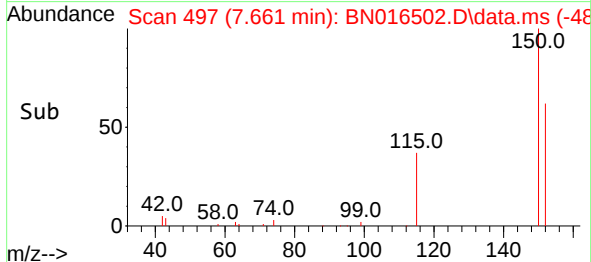
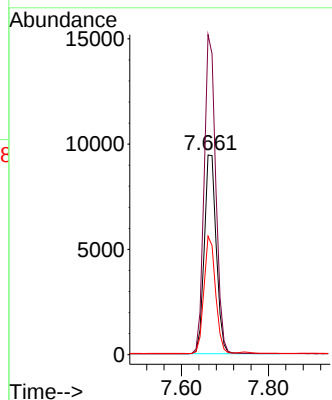
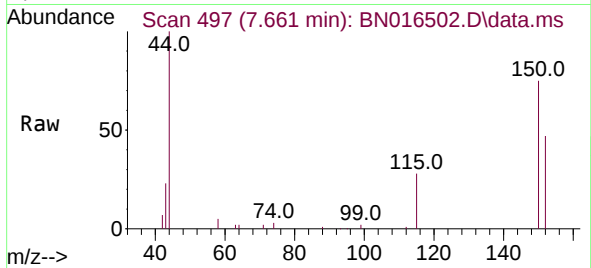




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.661 min Scan# 497
 Delta R.T. -0.009 min
 Lab File: BN016502.D
 Acq: 26 Sep 2021 08:38

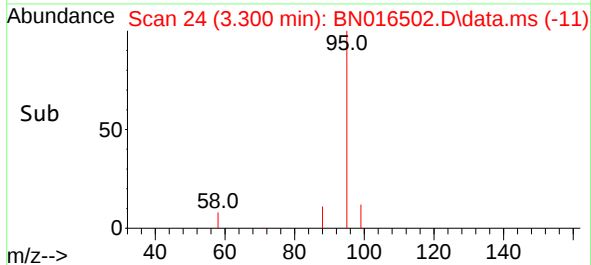
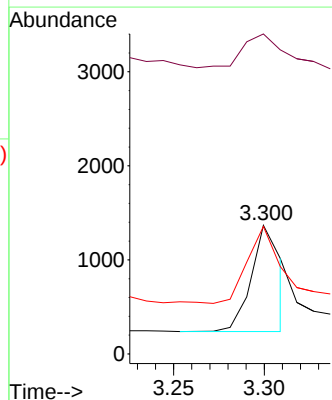
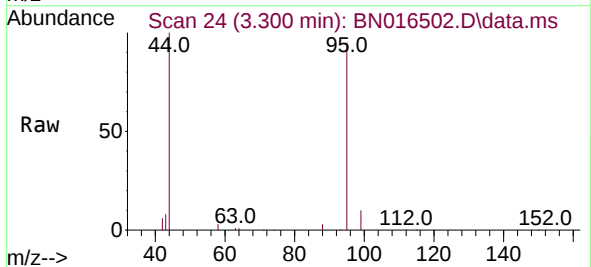
Instrument :
 BNA_N
 ClientSampleId :
 RE103D2-20210920

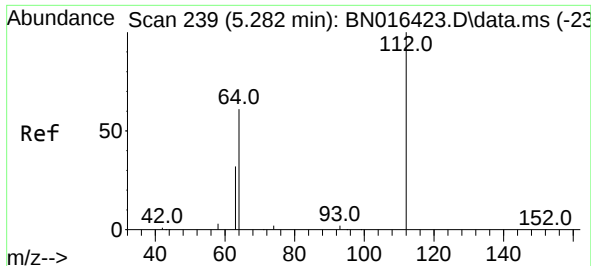
Tgt Ion:152 Resp: 18081
 Ion Ratio Lower Upper
 152 100
 150 160.2 125.6 188.4
 115 59.3 50.2 75.2



#2
 1,4-Dioxane
 Concen: 0.166 ng
 RT: 3.300 min Scan# 24
 Delta R.T. 0.019 min
 Lab File: BN016502.D
 Acq: 26 Sep 2021 08:38

Tgt Ion: 88 Resp: 1286
 Ion Ratio Lower Upper
 88 100
 43 37.0 20.3 30.5#
 58 70.5 69.9 104.9

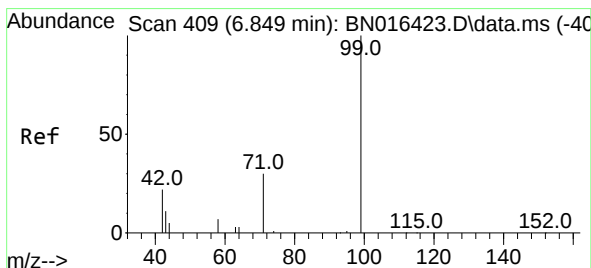
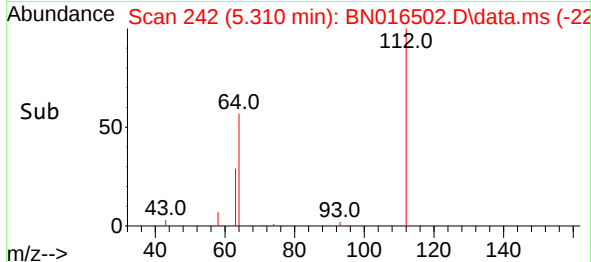
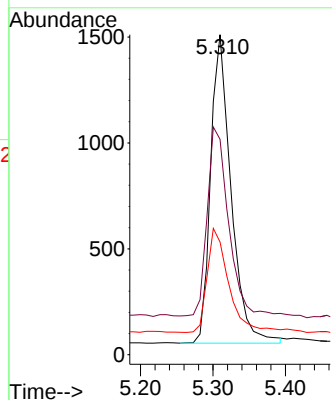
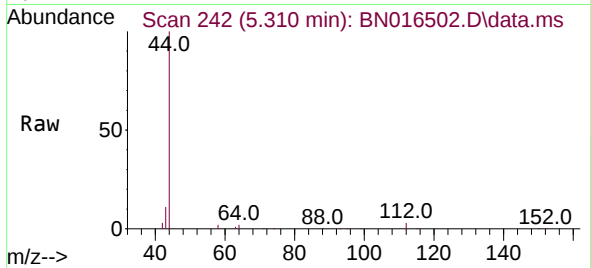




#4
2-Fluorophenol
Concen: 0.070 ng
RT: 5.310 min Scan# 242
Delta R.T. 0.028 min
Lab File: BN016502.D
Acq: 26 Sep 2021 08:38

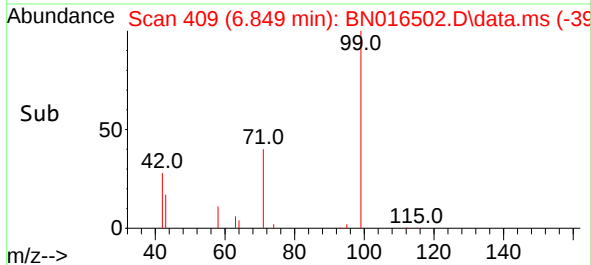
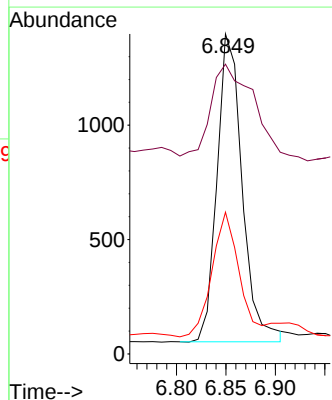
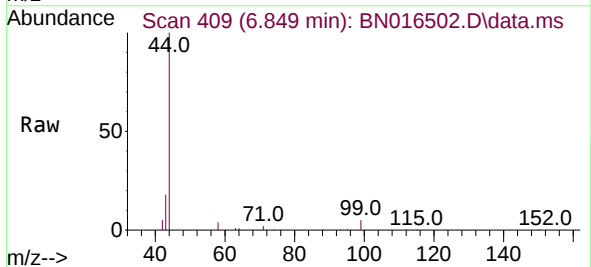
Instrument :
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ClientSampleId :
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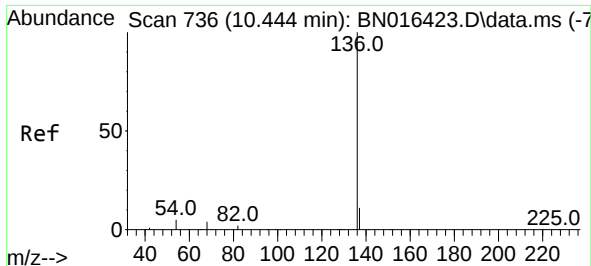
Tgt Ion: 112 Resp: 2847
Ion Ratio Lower Upper
112 100
64 63.5 47.3 70.9
63 35.6 23.4 35.0#



#5
Phenol-d6
Concen: 0.050 ng
RT: 6.849 min Scan# 409
Delta R.T. 0.000 min
Lab File: BN016502.D
Acq: 26 Sep 2021 08:38

Tgt Ion: 99 Resp: 2381
Ion Ratio Lower Upper
99 100
42 48.7 14.0 21.0#
71 43.6 23.8 35.6#

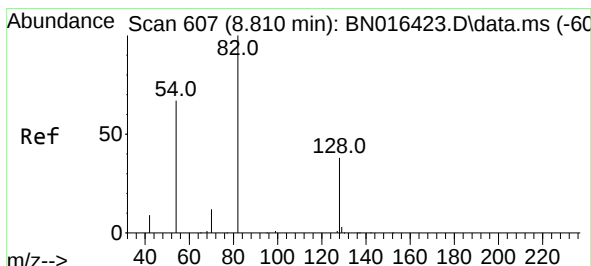
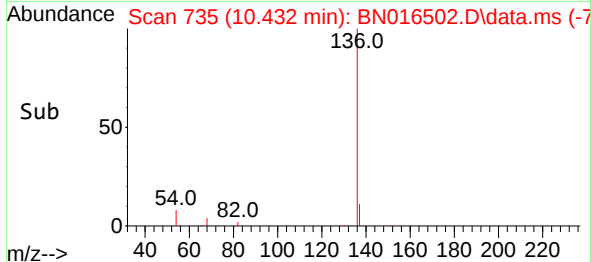
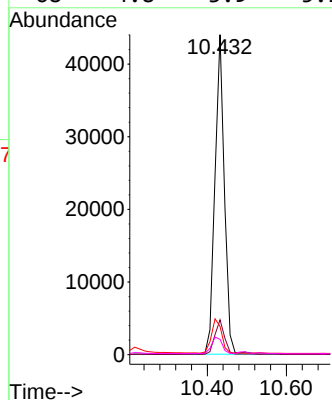
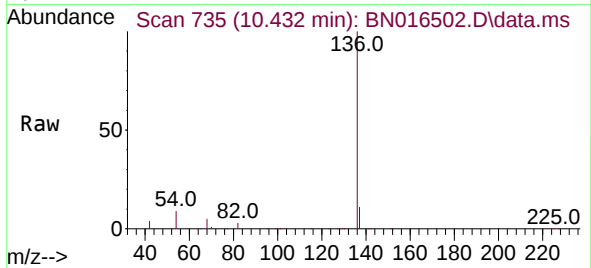




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.432 min Scan# 735
Delta R.T. -0.012 min
Lab File: BN016502.D
Acq: 26 Sep 2021 08:38

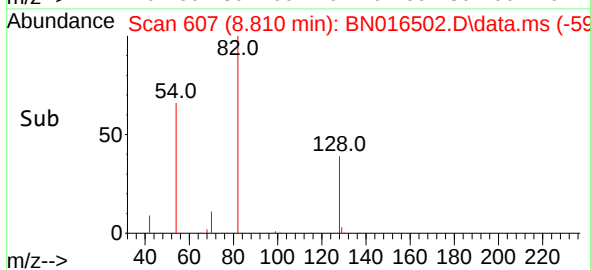
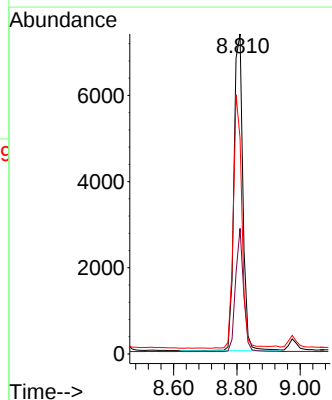
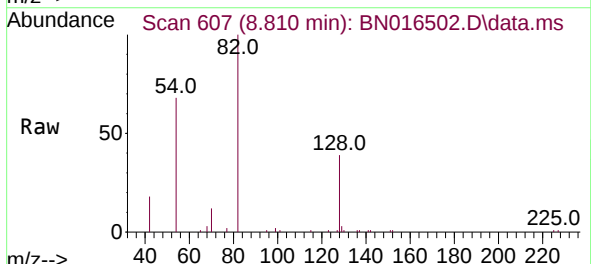
Instrument :
BNA_N
ClientSampleId :
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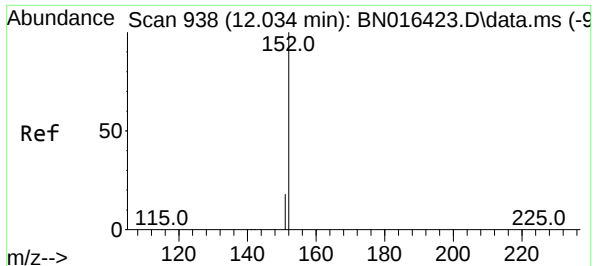
Tgt Ion:	136	Resp:	73074
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.8	13.2
54	8.8	5.3	7.9#
68	4.8	3.9	5.9



#8
Nitrobenzene-d5
Concen: 0.279 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN016502.D
Acq: 26 Sep 2021 08:38

Tgt Ion:	82	Resp:	14419
Ion Ratio	Lower	Upper	
82	100		
128	39.2	31.7	47.5
54	67.5	46.4	69.6

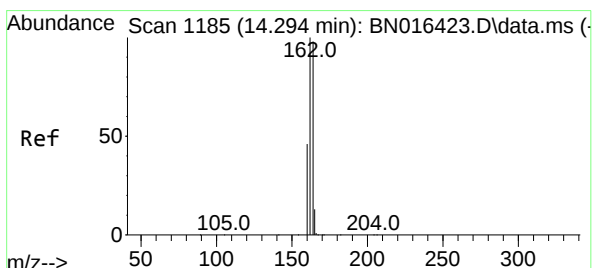
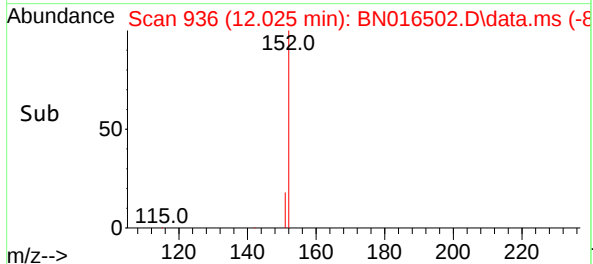
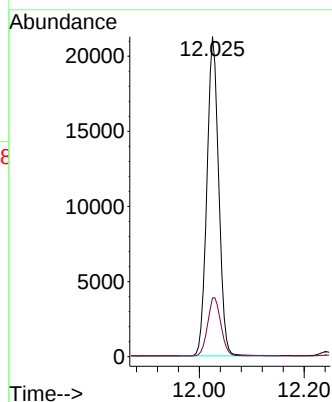
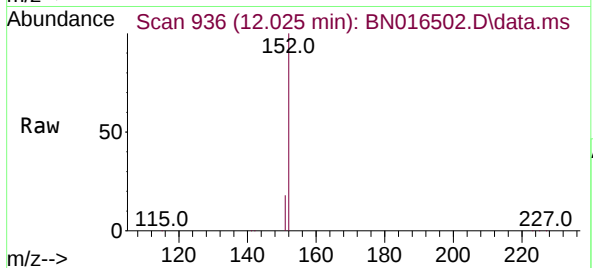




#11
2-Methylnaphthalene-d10
Concen: 0.307 ng
RT: 12.025 min Scan# 936
Delta R.T. -0.009 min
Lab File: BN016502.D
Acq: 26 Sep 2021 08:38

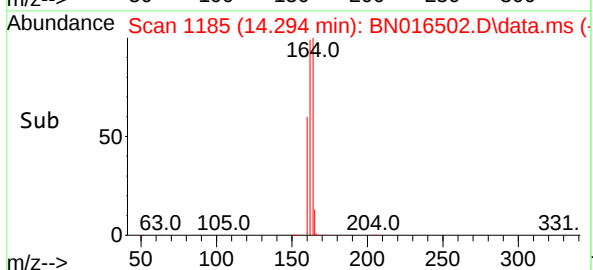
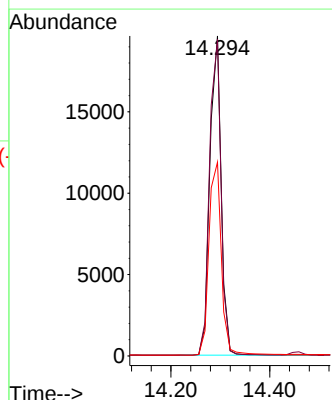
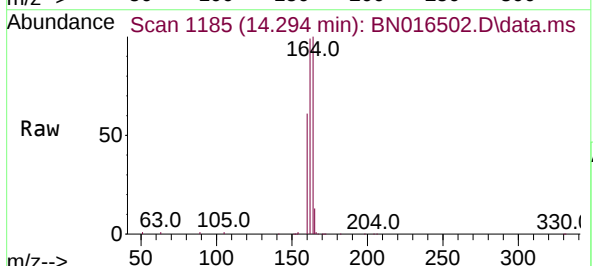
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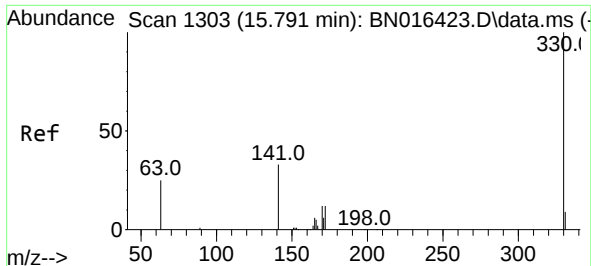
Tgt Ion:152 Resp: 33197
Ion Ratio Lower Upper
152 100
151 20.5 16.1 24.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BN016502.D
Acq: 26 Sep 2021 08:38

Tgt Ion:164 Resp: 31083
Ion Ratio Lower Upper
164 100
162 98.9 79.0 118.4
160 60.6 34.1 51.1#

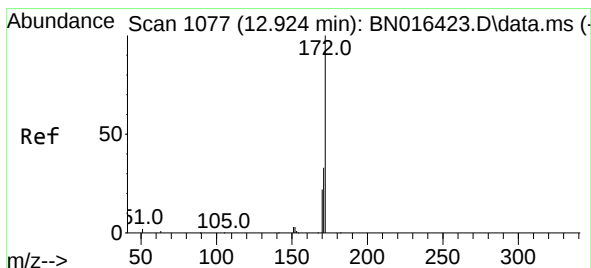
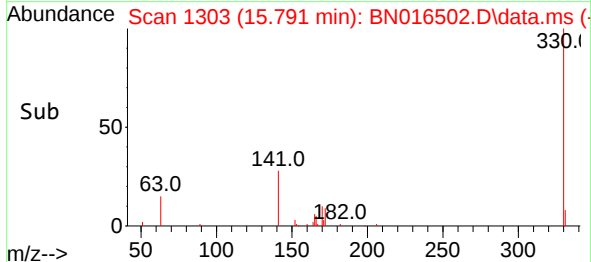
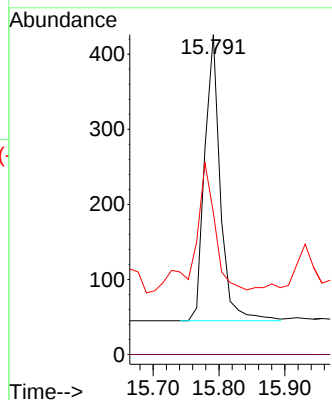
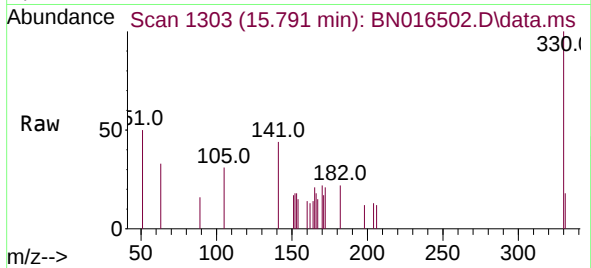




#14
2,4,6-Tribromophenol
Concen: 0.178 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016502.D
Acq: 26 Sep 2021 08:38

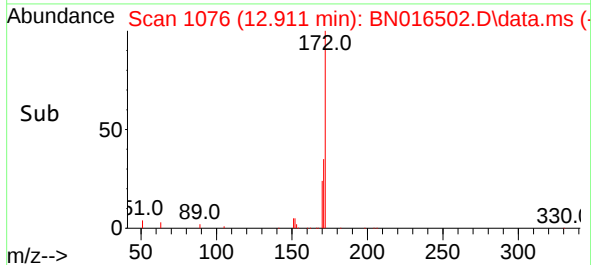
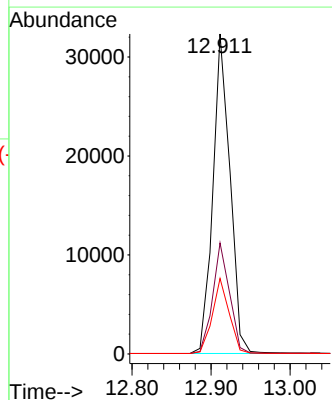
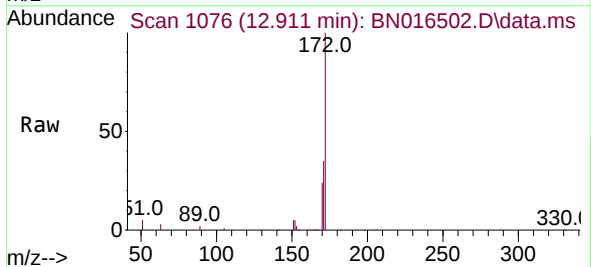
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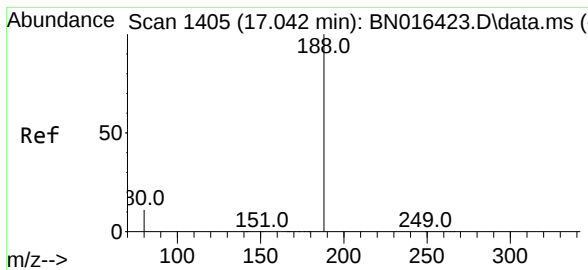
Tgt Ion:330 Resp: 629
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 53.1 25.0 37.4#



#15
2-Fluorobiphenyl
Concen: 0.371 ng
RT: 12.911 min Scan# 1076
Delta R.T. -0.012 min
Lab File: BN016502.D
Acq: 26 Sep 2021 08:38

Tgt Ion:172 Resp: 48448
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.6
170 23.6 18.2 27.2

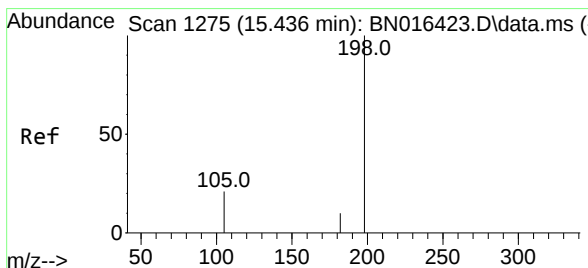
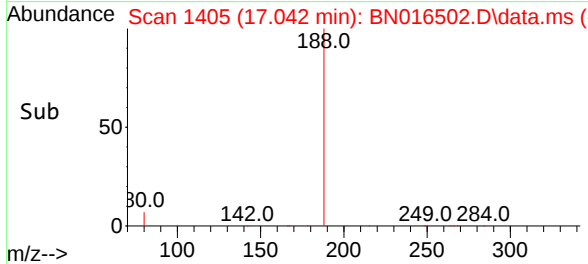
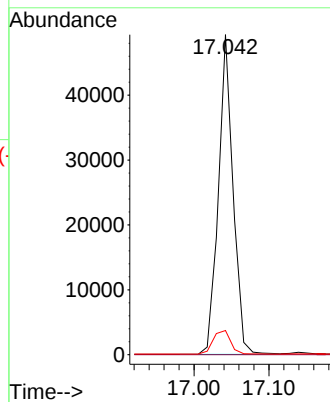
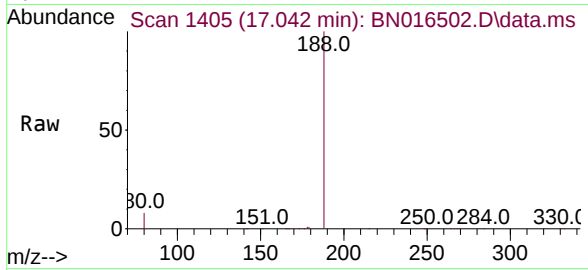




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN016502.D
Acq: 26 Sep 2021 08:38

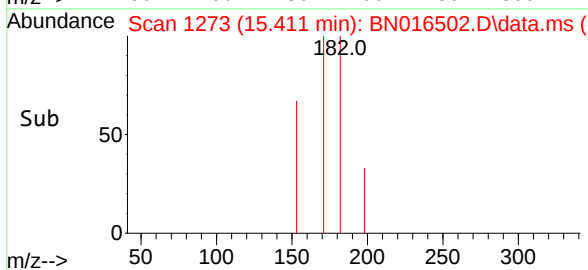
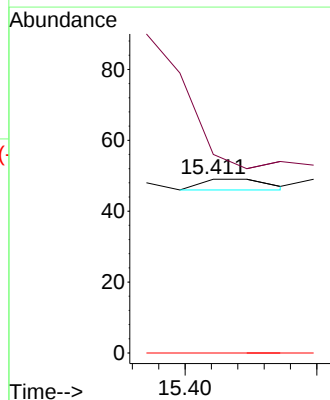
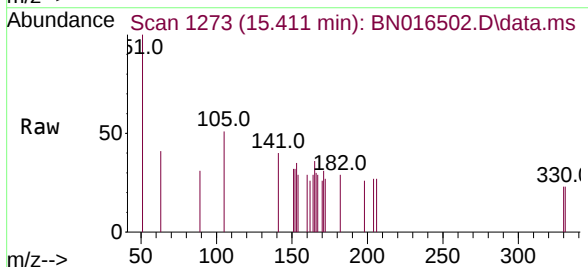
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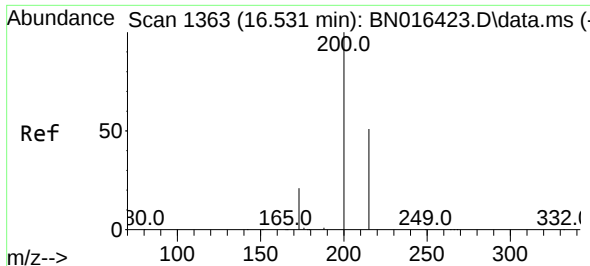
Tgt Ion:188	Resp:	66957
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	7.6	10.6



#20
4,6-Dinitro-2-methylphenol
Concen: 0.148 ng
RT: 15.411 min Scan# 1273
Delta R.T. -0.025 min
Lab File: BN016502.D
Acq: 26 Sep 2021 08:38

Tgt Ion:198	Resp:	5
Ion Ratio	Lower	Upper
198	100	
182	114.3	26.6
77	0.0	0.0

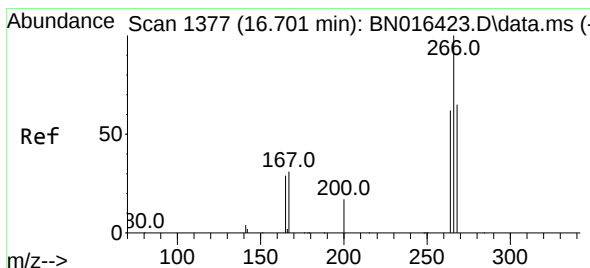
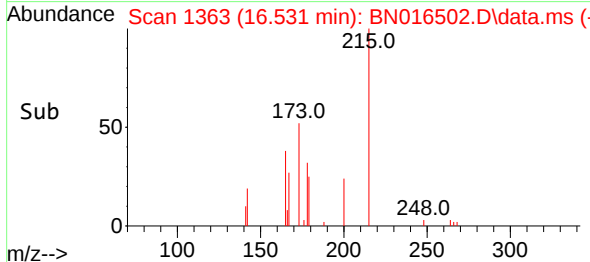
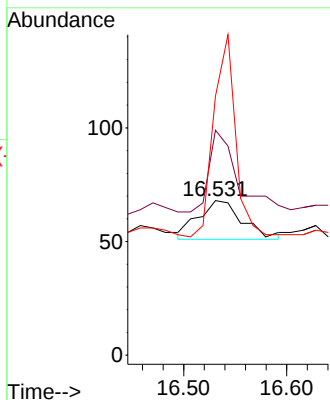
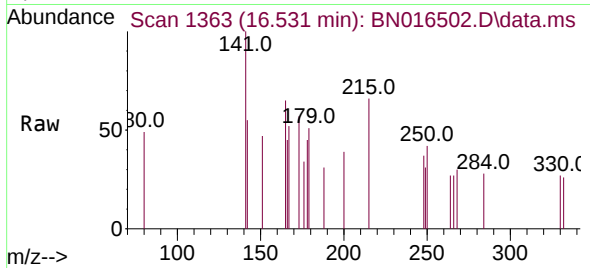




#23
Atrazine
Concen: 0.136 ng
RT: 16.531 min Scan# 1363
Delta R.T. -0.000 min
Lab File: BN016502.D
Acq: 26 Sep 2021 08:38

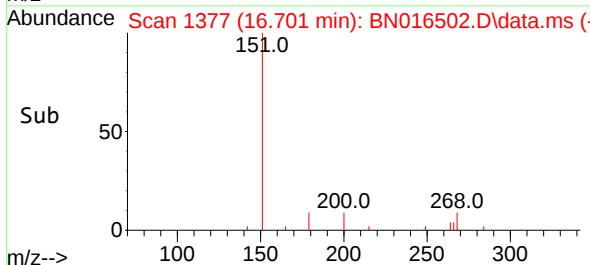
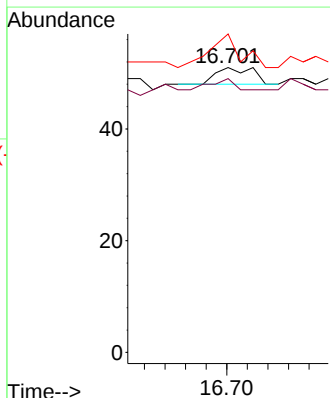
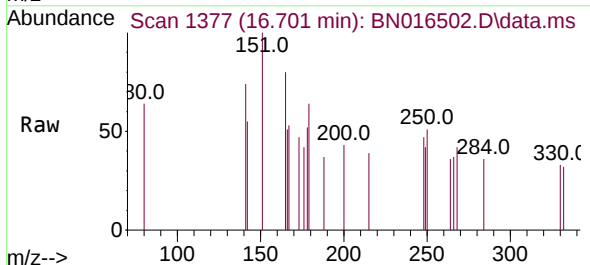
Instrument :
BNA_N
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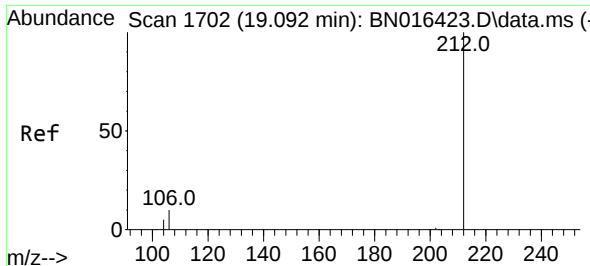
Tgt Ion:200 Resp: 51
Ion Ratio Lower Upper
200 100
173 145.6 18.7 28.1#
215 167.6 41.6 62.4#



#24
Pentachlorophenol
Concen: 0.245 ng
RT: 16.701 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BN016502.D
Acq: 26 Sep 2021 08:38

Tgt Ion:266 Resp: 7
Ion Ratio Lower Upper
266 100
264 42.9 50.6 75.8#
268 171.4 52.6 79.0#

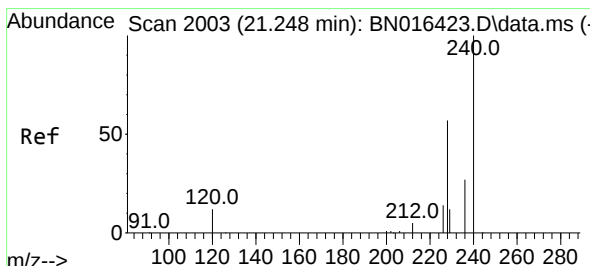
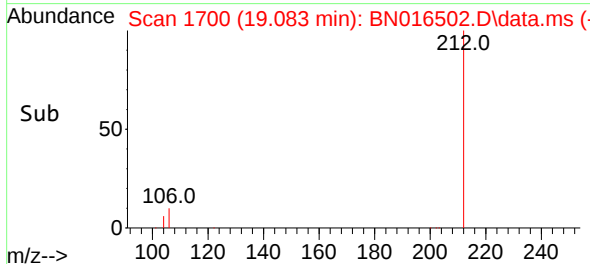
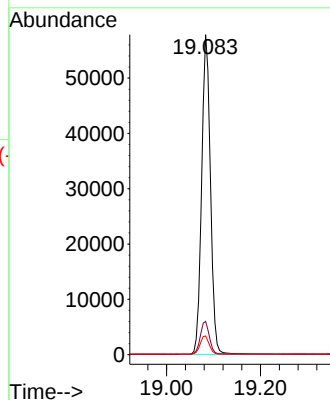
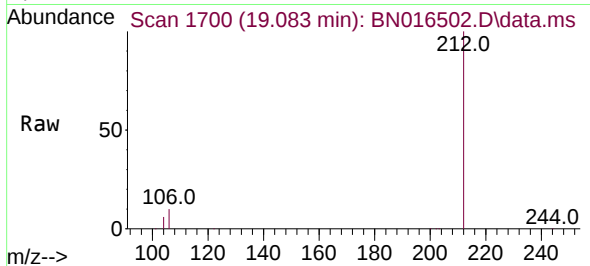




#27
Fluoranthene-d10
Concen: 0.408 ng
RT: 19.083 min Scan# 1700
Delta R.T. -0.010 min
Lab File: BN016502.D
Acq: 26 Sep 2021 08:38

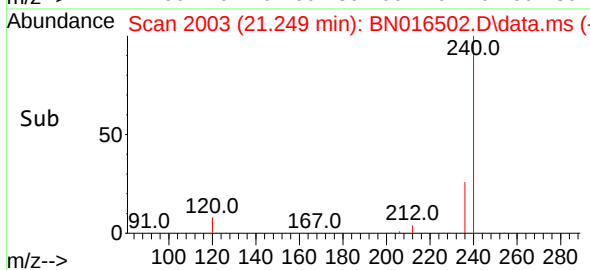
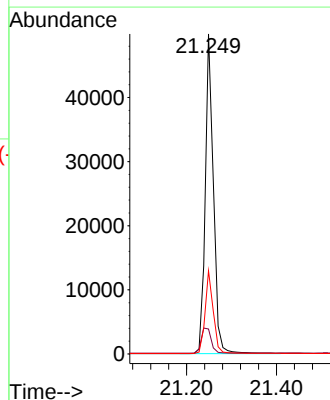
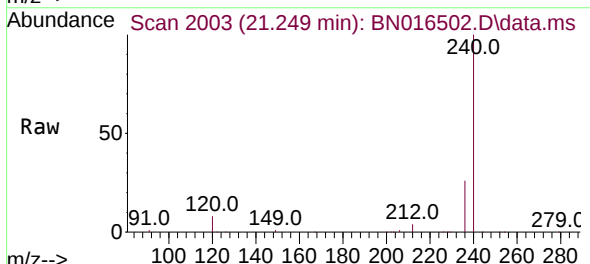
Instrument :
BNA_N
ClientSampleId :
RE103D2-20210920

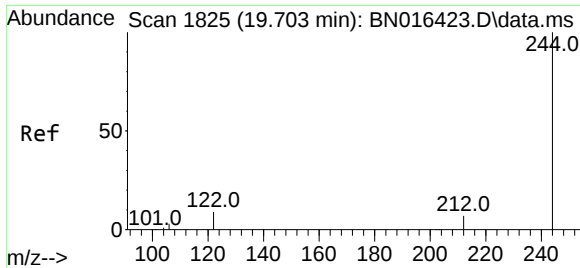
Tgt Ion:212 Resp: 74982
Ion Ratio Lower Upper
212 100
106 10.5 9.8 14.6
104 5.9 5.4 8.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.249 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BN016502.D
Acq: 26 Sep 2021 08:38

Tgt Ion:240 Resp: 62579
Ion Ratio Lower Upper
240 100
120 7.8 5.3 7.9
236 26.0 19.8 29.8

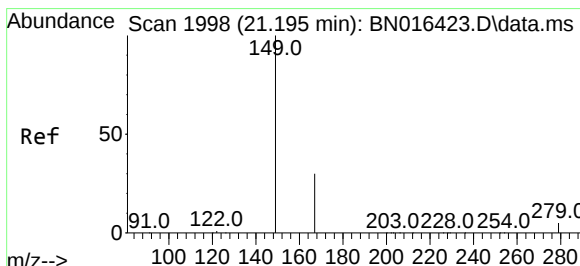
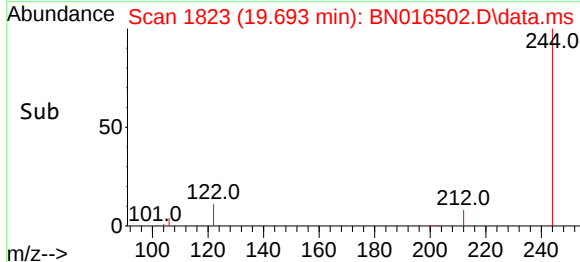
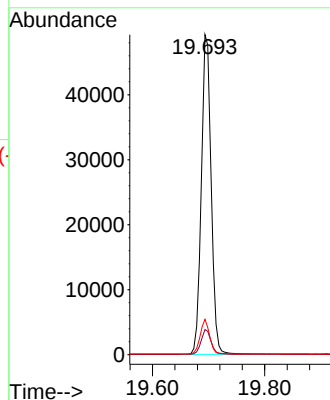
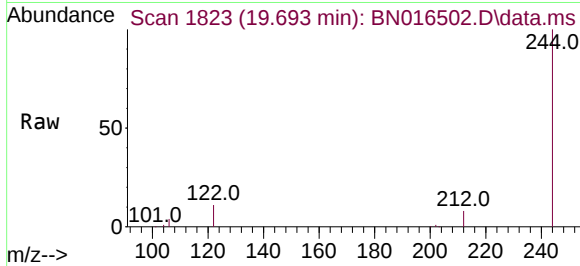




#31
 Terphenyl-d14
 Concen: 0.411 ng
 RT: 19.693 min Scan# 1823
 Delta R.T. -0.010 min
 Lab File: BN016502.D
 Acq: 26 Sep 2021 08:38

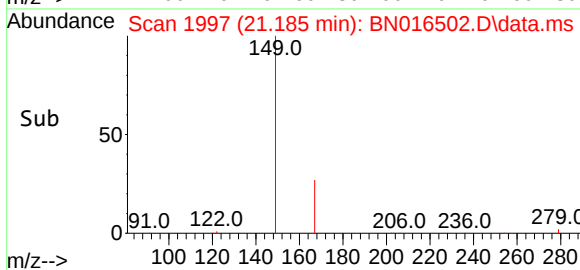
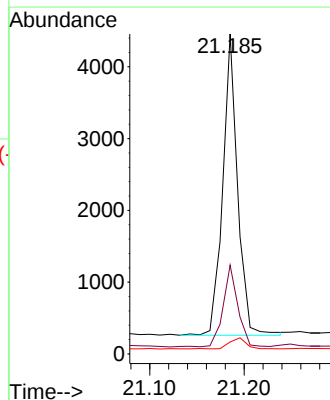
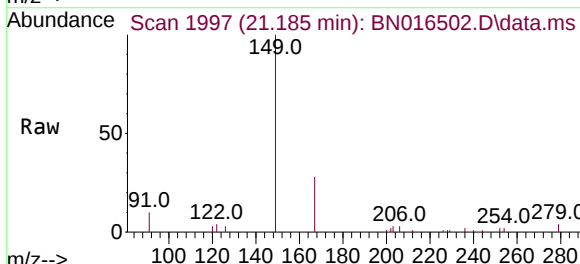
Instrument :
 BNA_N
 ClientSampleId :
 RE103D2-20210920

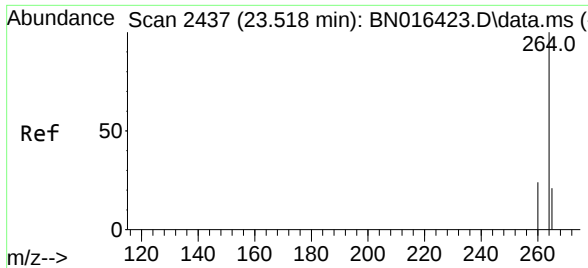
Tgt Ion:244	Resp:	59740
Ion Ratio	Lower	Upper
244	100	
212	7.9	5.5 8.3
122	11.0	9.0 13.4



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.093 ng
 RT: 21.185 min Scan# 1997
 Delta R.T. -0.010 min
 Lab File: BN016502.D
 Acq: 26 Sep 2021 08:38

Tgt Ion:149	Resp:	4592
Ion Ratio	Lower	Upper
149	100	
167	26.9	23.4 35.0
279	3.9	3.9 5.9





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.515 min Scan# 2436
 Delta R.T. -0.003 min
 Lab File: BN016502.D
 Acq: 26 Sep 2021 08:38

Instrument :
 BNA_N
 ClientSampleId :
 RE103D2-20210920

Tgt Ion:264	Resp:	51266
Ion Ratio	Lower	Upper
264	100	
260	24.6	18.9 28.3
265	23.7	23.7 35.5

