

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082622\
 Data File : BN021393.D
 Acq On : 26 Aug 2022 20:10
 Operator : CG/JU
 Sample : N4281-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE115D2-20220818

Quant Time: Aug 26 23:43:27 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 26 23:37:03 2022
 Response via : Initial Calibration

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

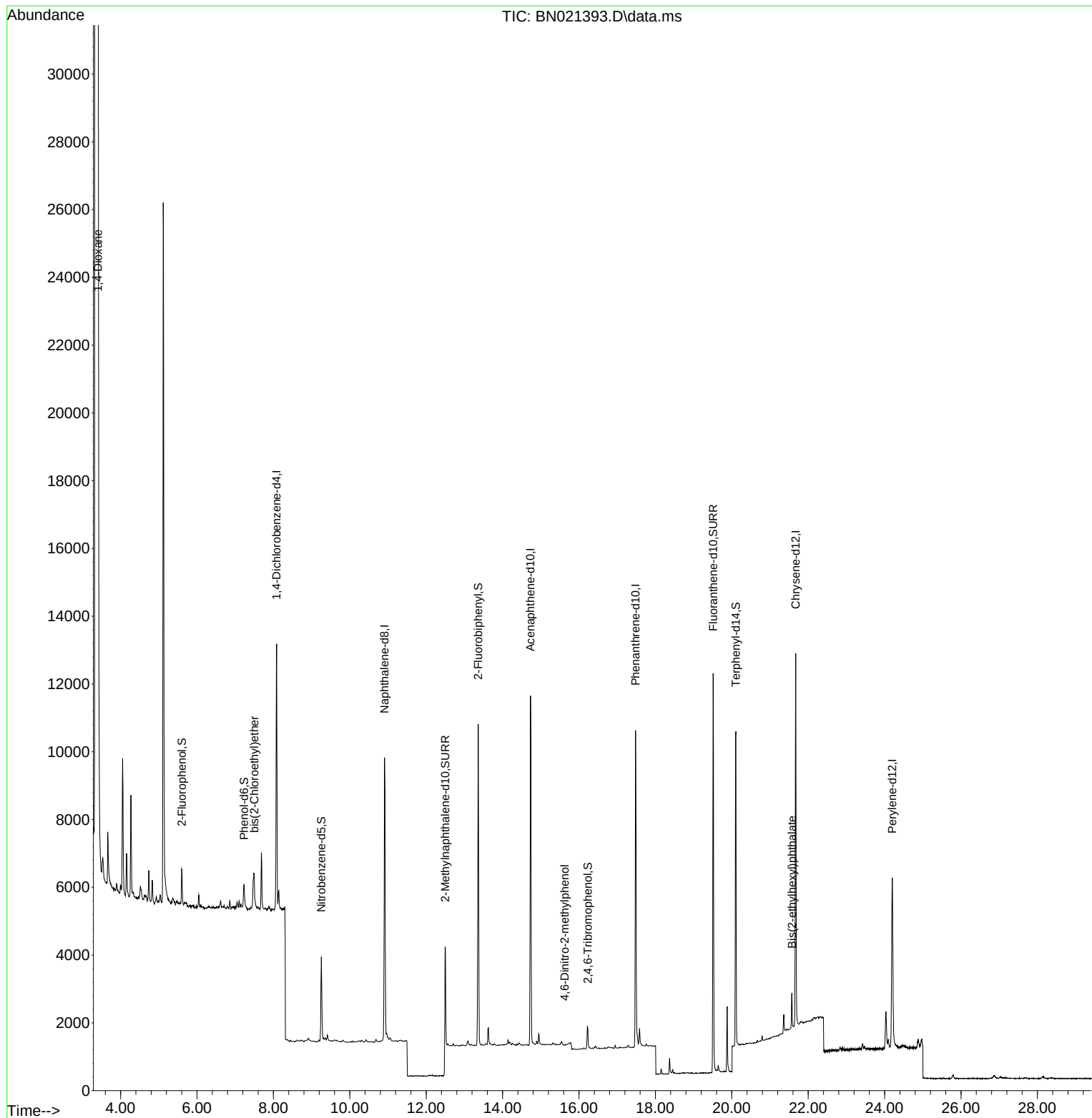
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.083	152	3920	0.400	ng	0.00
7) Naphthalene-d8	10.909	136	11789	0.400	ng	0.00
13) Acenaphthene-d10	14.729	164	6129	0.400	ng	0.00
19) Phenanthrene-d10	17.480	188	12763	0.400	ng	# 0.00
29) Chrysene-d12	21.673	240	10103	0.400	ng	0.00
35) Perylene-d12	24.200	264	8018	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.606	112	879	0.083	ng	0.00
5) Phenol-d6	7.231	99	659	0.050	ng	0.00
8) Nitrobenzene-d5	9.254	82	2187	0.245	ng	0.00
11) 2-Methylnaphthalene-d10	12.497	152	7237	0.363	ng	0.00
14) 2,4,6-Tribromophenol	16.229	330	442	0.157	ng	0.01
15) 2-Fluorobiphenyl	13.360	172	8023	0.293	ng	0.00
27) Fluoranthene-d10	19.514	212	13118	0.344	ng	0.00
31) Terphenyl-d14	20.106	244	8968	0.420	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.411	88	29354	5.398	ng	# 89
6) bis(2-Chloroethyl)ether	7.498	93	555	0.042	ng	96
20) 4,6-Dinitro-2-methylph...	15.627	198	1	0.060	ng	94
34) Bis(2-ethylhexyl)phtha...	21.575	149	1182	0.064	ng	# 93

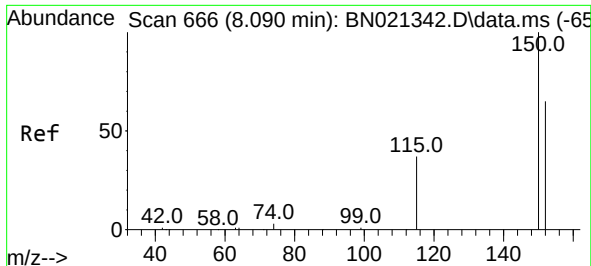
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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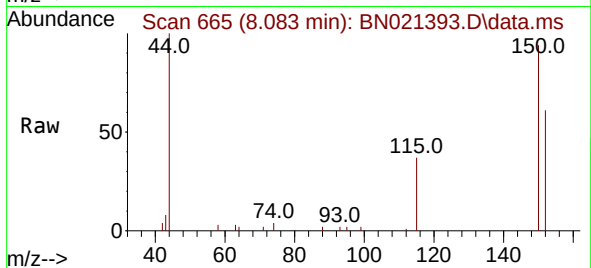
Quant Time: Aug 26 23:43:27 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



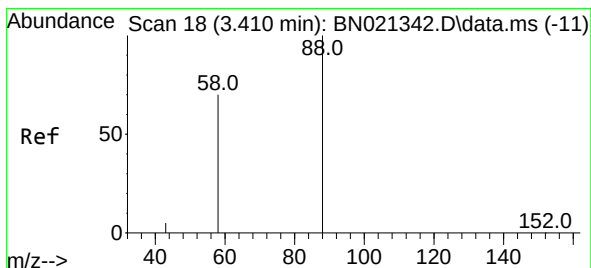
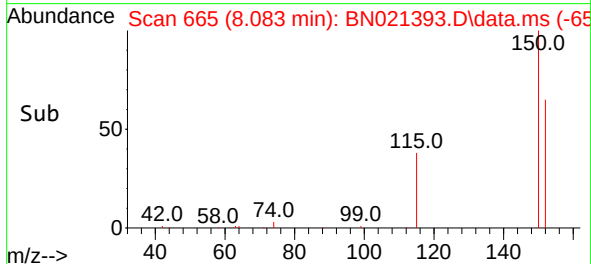
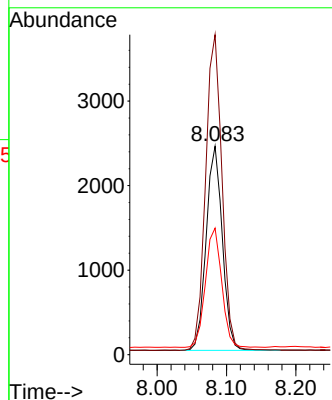


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.083 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN021393.D
Acq: 26 Aug 2022 20:10

Instrument :
BNA_N
ClientSampleId :
RE115D2-20220818

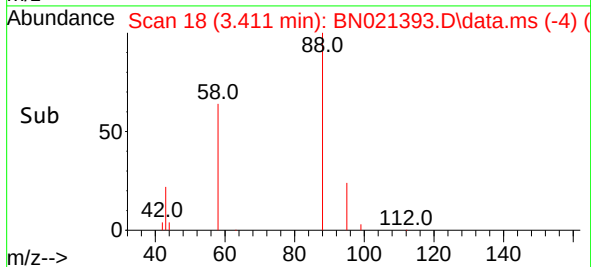
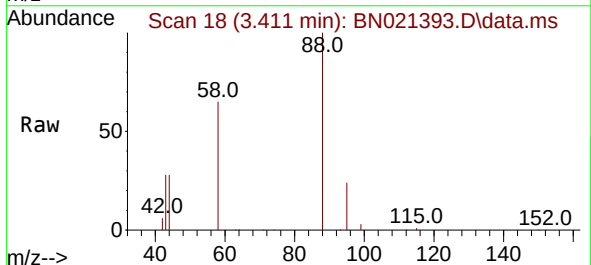
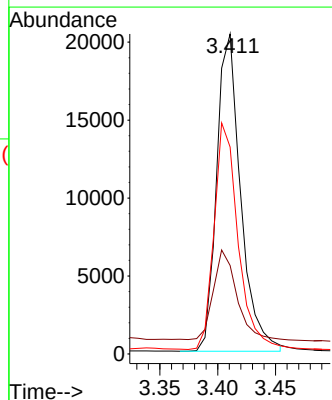


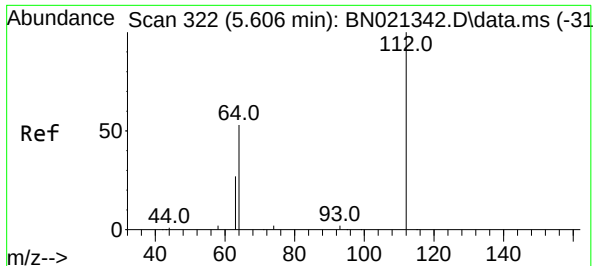
Tgt Ion:152 Resp: 3920
Ion Ratio Lower Upper
152 100
150 153.5 121.4 182.0
115 60.7 48.6 72.8



#2
1,4-Dioxane
Concen: 5.398 ng
RT: 3.411 min Scan# 18
Delta R.T. 0.000 min
Lab File: BN021393.D
Acq: 26 Aug 2022 20:10

Tgt Ion: 88 Resp: 29354
Ion Ratio Lower Upper
88 100
43 27.2 35.8 53.8#
58 71.0 57.1 85.7

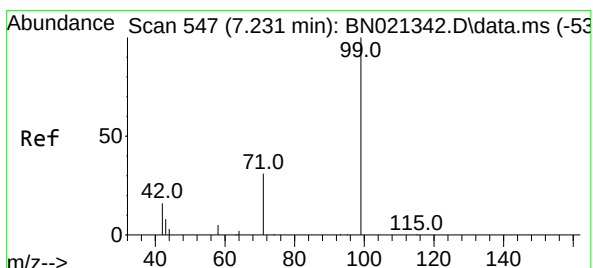
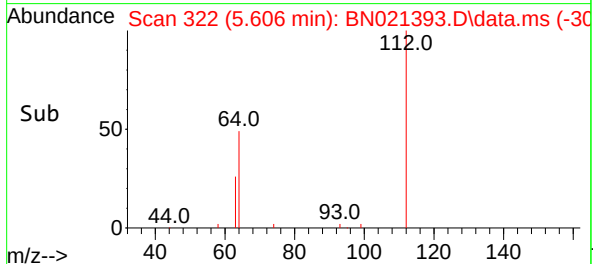
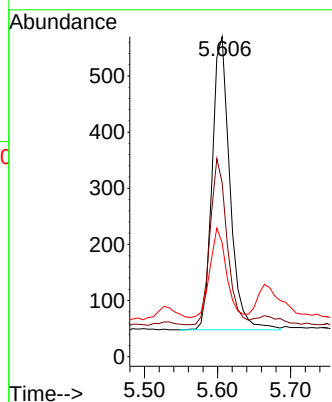
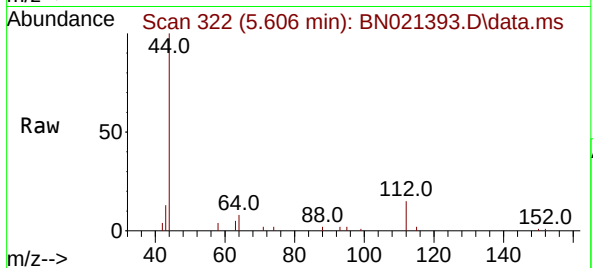




#4
2-Fluorophenol
Concen: 0.083 ng
RT: 5.606 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN021393.D
Acq: 26 Aug 2022 20:10

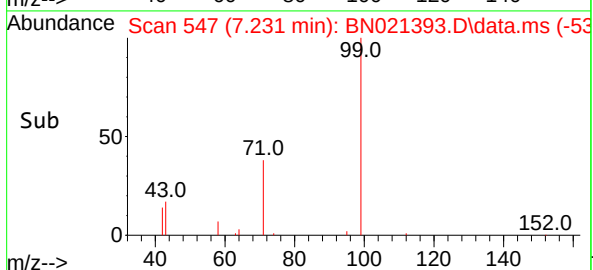
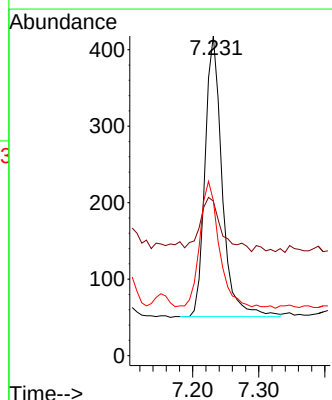
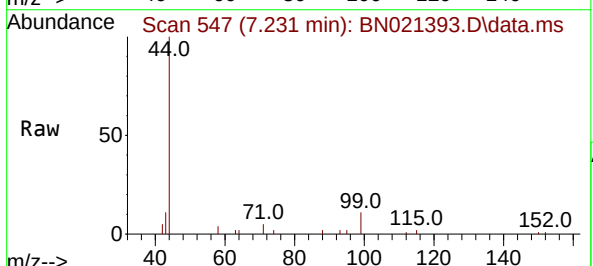
Instrument :
BNA_N
ClientSampleId :
RE115D2-20220818

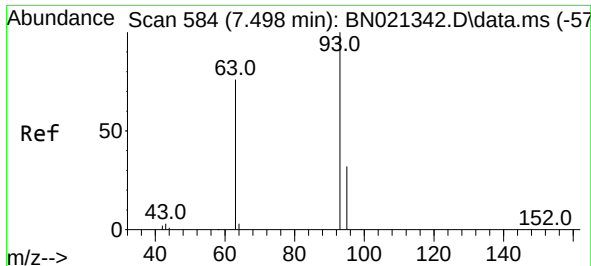
Tgt Ion:	112	Resp:	879
Ion	Ratio	Lower	Upper
112	100		
64	53.9	43.5	65.3
63	28.0	22.6	34.0



#5
Phenol-d6
Concen: 0.050 ng
RT: 7.231 min Scan# 547
Delta R.T. 0.000 min
Lab File: BN021393.D
Acq: 26 Aug 2022 20:10

Tgt Ion:	99	Resp:	659
Ion	Ratio	Lower	Upper
99	100		
42	24.1	15.5	23.3#
71	52.5	24.2	36.2#

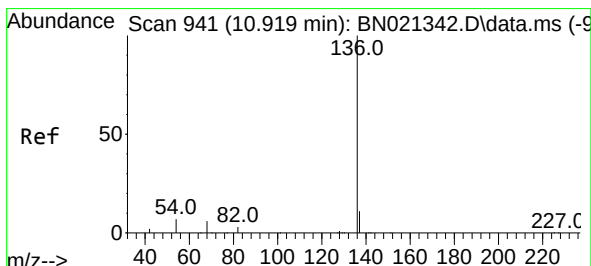
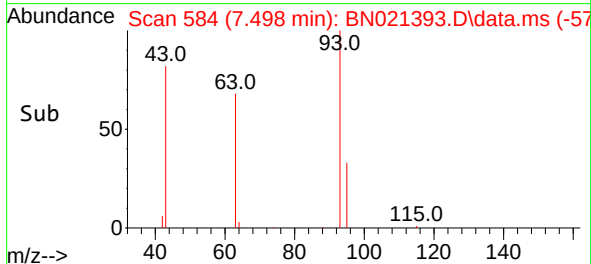
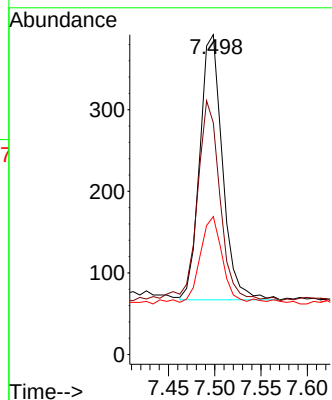
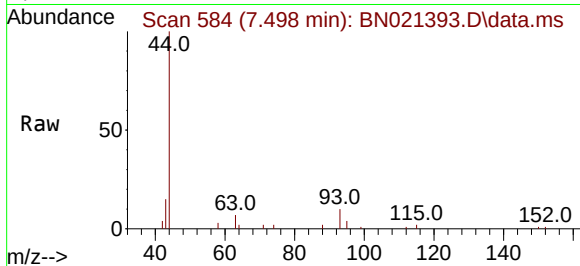




#6
bis(2-Chloroethyl)ether
Concen: 0.042 ng
RT: 7.498 min Scan# 584
Delta R.T. 0.000 min
Lab File: BN021393.D
Acq: 26 Aug 2022 20:10

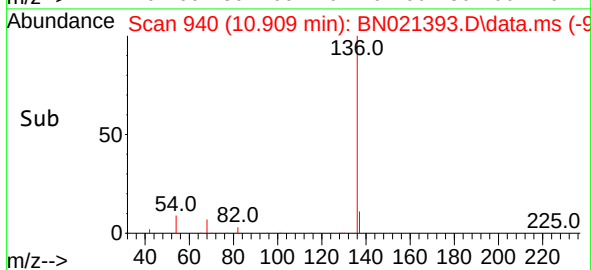
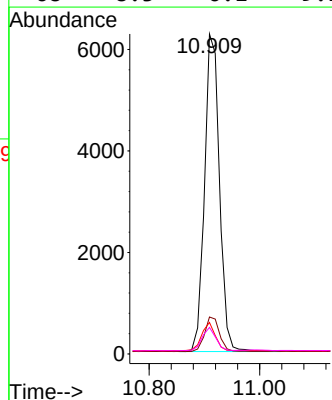
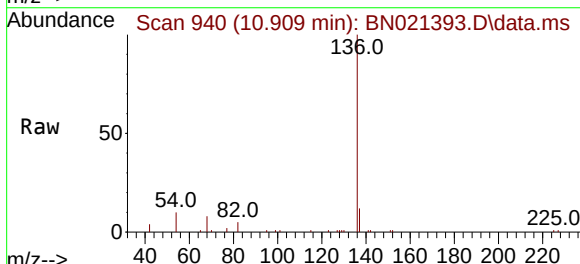
Instrument :
BNA_N
ClientSampleId :
RE115D2-20220818

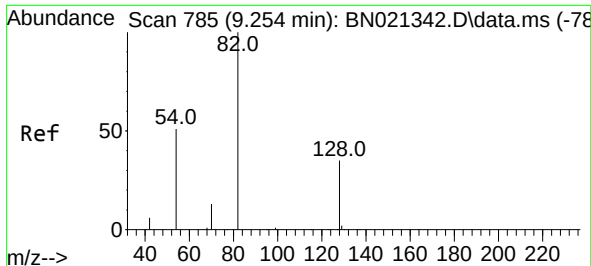
Tgt Ion: 93 Resp: 555
Ion Ratio Lower Upper
93 100
63 76.8 57.8 86.8
95 33.3 25.9 38.9



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.909 min Scan# 940
Delta R.T. 0.000 min
Lab File: BN021393.D
Acq: 26 Aug 2022 20:10

Tgt Ion: 136 Resp: 11789
Ion Ratio Lower Upper
136 100
137 11.5 9.3 13.9
54 9.9 6.9 10.3
68 8.3 6.1 9.1

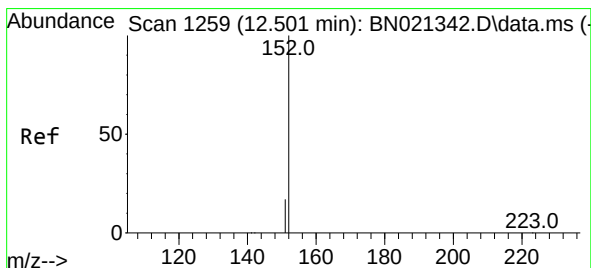
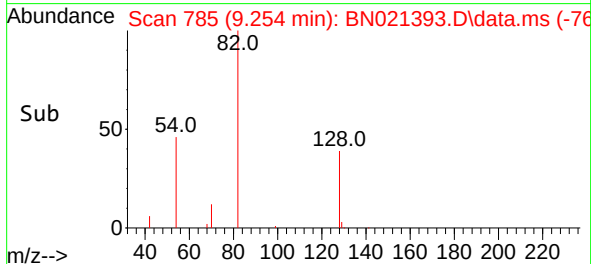
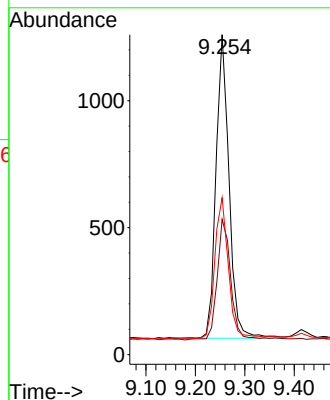
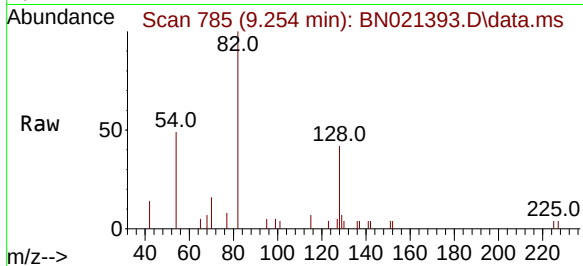




#8
Nitrobenzene-d5
Concen: 0.245 ng
RT: 9.254 min Scan# 785
Delta R.T. 0.000 min
Lab File: BN021393.D
Acq: 26 Aug 2022 20:10

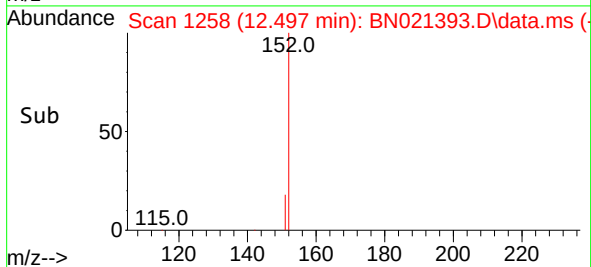
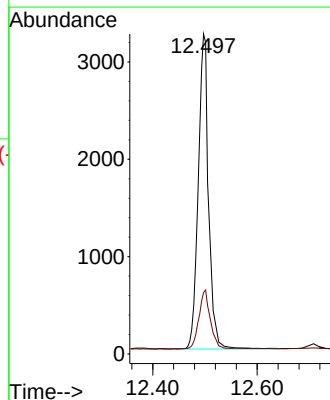
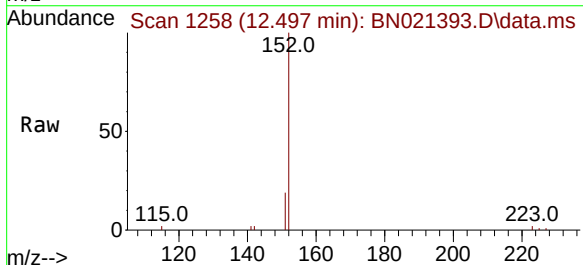
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ClientSampleId :
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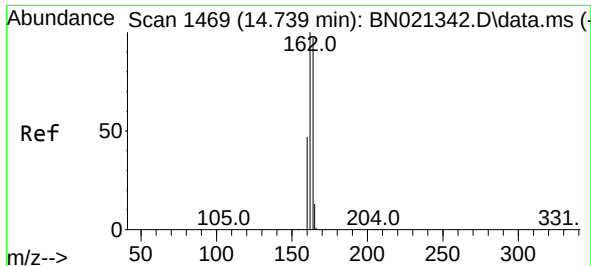
Tgt Ion: 82 Resp: 2187
Ion Ratio Lower Upper
82 100
128 42.3 30.9 46.3
54 49.0 42.7 64.1



#11
2-Methylnaphthalene-d10
Concen: 0.363 ng
RT: 12.497 min Scan# 1258
Delta R.T. 0.000 min
Lab File: BN021393.D
Acq: 26 Aug 2022 20:10

Tgt Ion: 152 Resp: 7237
Ion Ratio Lower Upper
152 100
151 19.0 14.5 21.7

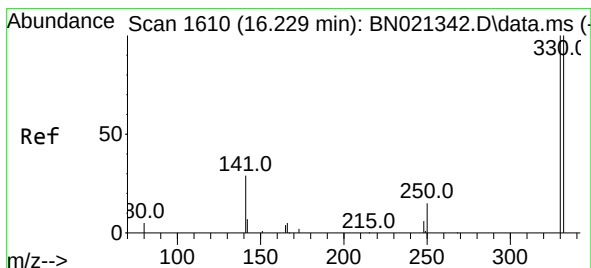
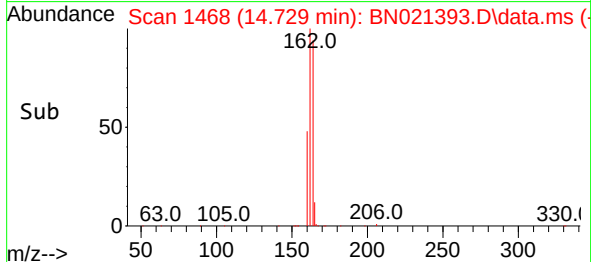
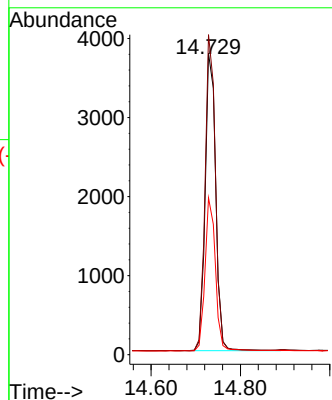
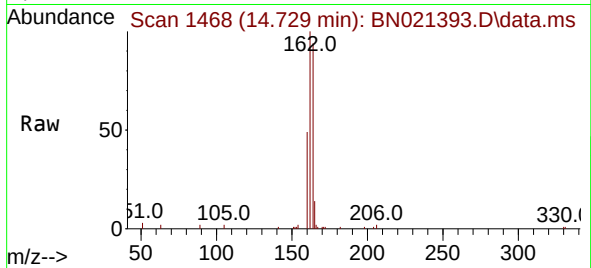




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.729 min Scan# 1468
Delta R.T. 0.000 min
Lab File: BN021393.D
Acq: 26 Aug 2022 20:10

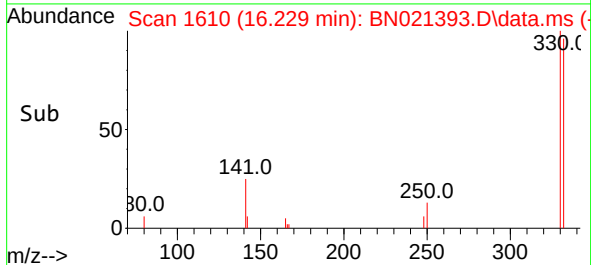
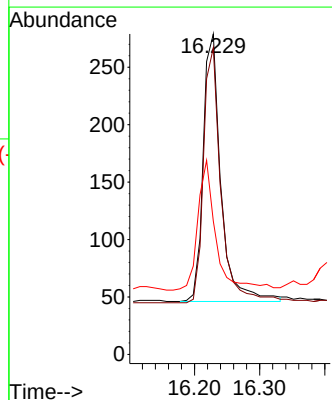
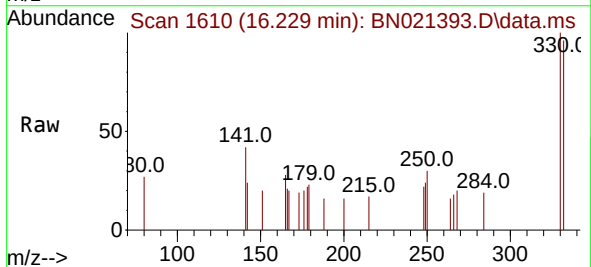
Instrument :
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ClientSampleId :
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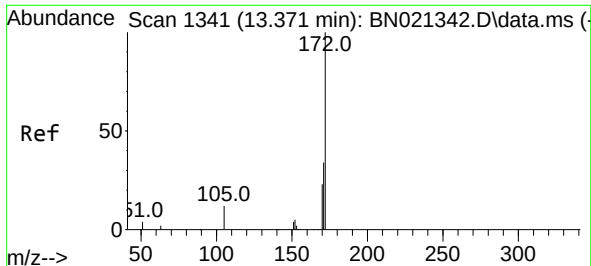
Tgt Ion:164 Resp: 6129
Ion Ratio Lower Upper
164 100
162 106.2 82.2 123.4
160 52.0 39.5 59.3



#14
2,4,6-Tribromophenol
Concen: 0.157 ng
RT: 16.229 min Scan# 1610
Delta R.T. 0.010 min
Lab File: BN021393.D
Acq: 26 Aug 2022 20:10

Tgt Ion:330 Resp: 442
Ion Ratio Lower Upper
330 100
332 93.9 79.3 118.9
141 48.9 37.1 55.7

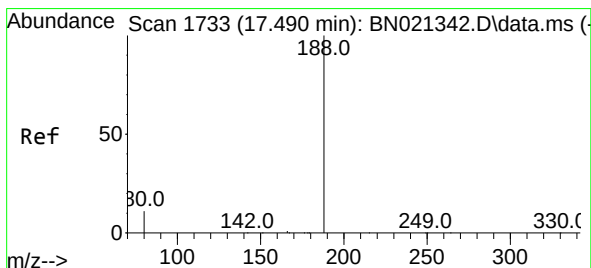
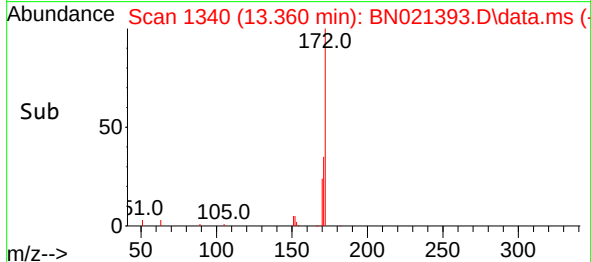
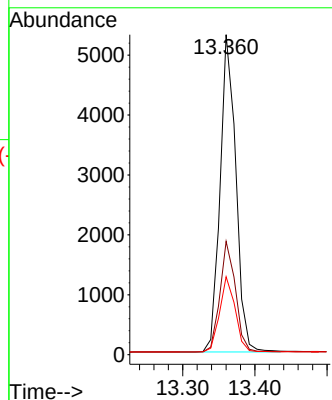
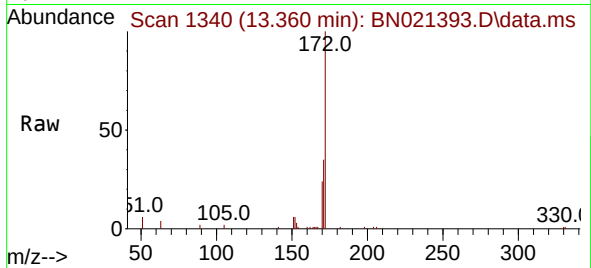




#15
2-Fluorobiphenyl
Concen: 0.293 ng
RT: 13.360 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN021393.D
Acq: 26 Aug 2022 20:10

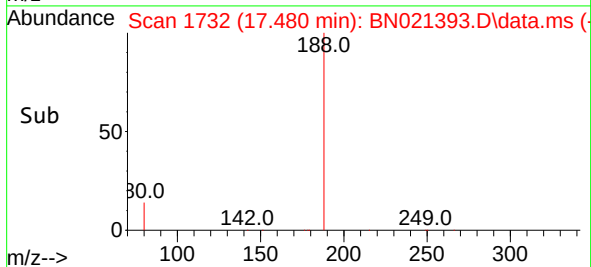
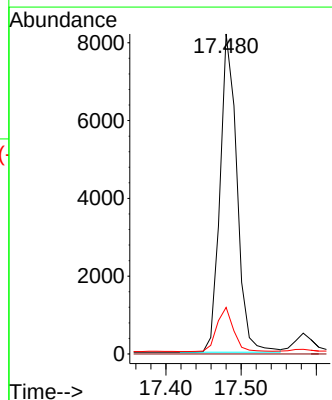
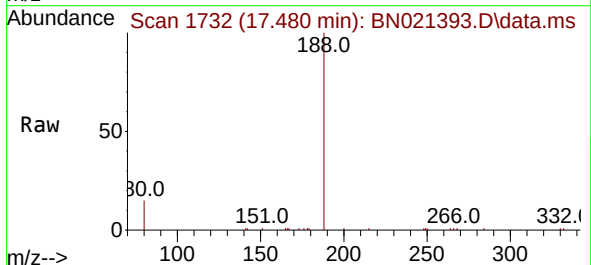
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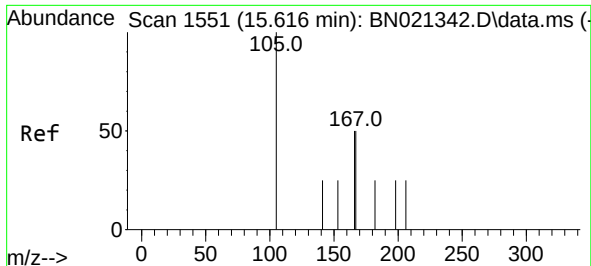
Tgt Ion:	172	Resp:	8023
Ion Ratio	Lower	Upper	
172	100		
171	35.4	27.8	41.6
170	24.4	18.6	28.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.480 min Scan# 1732
Delta R.T. 0.000 min
Lab File: BN021393.D
Acq: 26 Aug 2022 20:10

Tgt Ion:	188	Resp:	12763
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	14.5	9.5	14.3

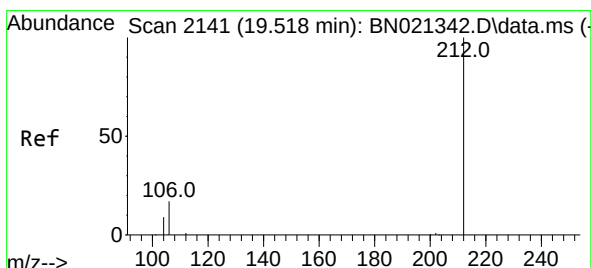
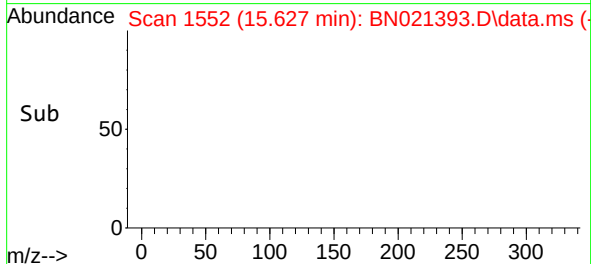
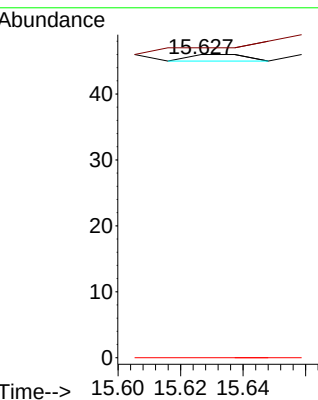
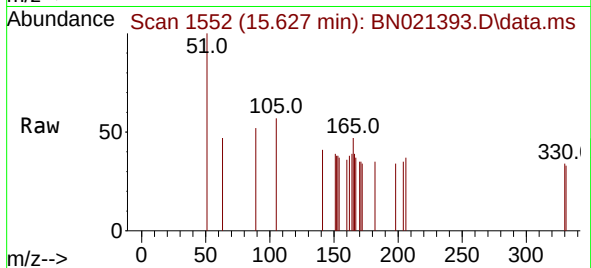




#20
4,6-Dinitro-2-methylphenol
Concen: 0.060 ng
RT: 15.627 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN021393.D
Acq: 26 Aug 2022 20:10

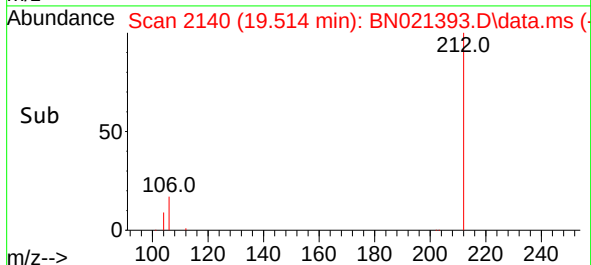
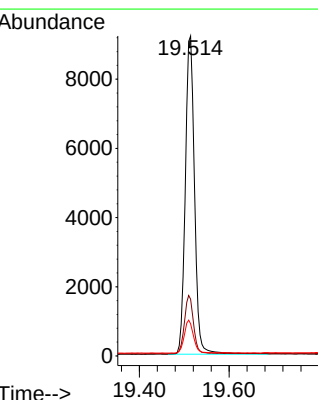
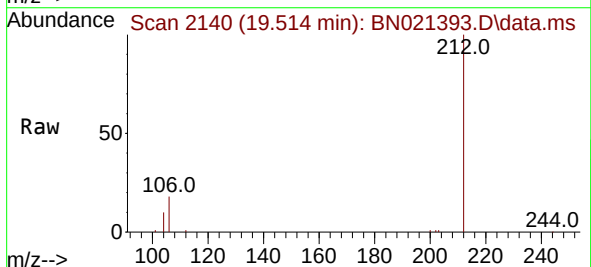
Instrument :
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RE115D2-20220818

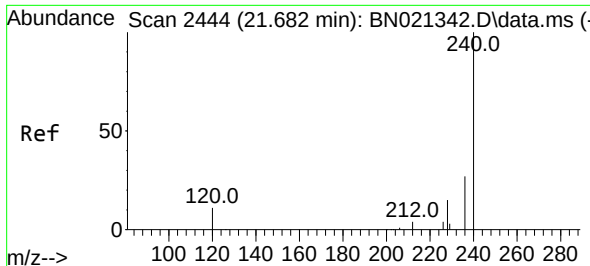
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
182 102.2 86.6 130.0
77 0.0 0.0 0.0



#27
Fluoranthene-d10
Concen: 0.344 ng
RT: 19.514 min Scan# 2140
Delta R.T. 0.004 min
Lab File: BN021393.D
Acq: 26 Aug 2022 20:10

Tgt Ion:212 Resp: 13118
Ion Ratio Lower Upper
212 100
106 18.2 14.2 21.2
104 10.3 7.8 11.6

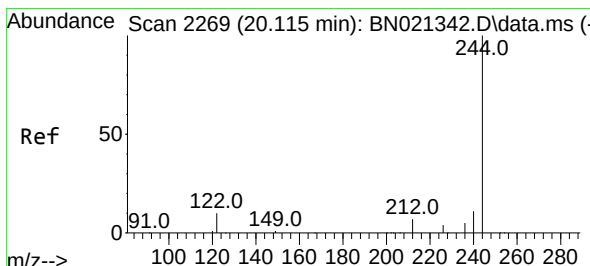
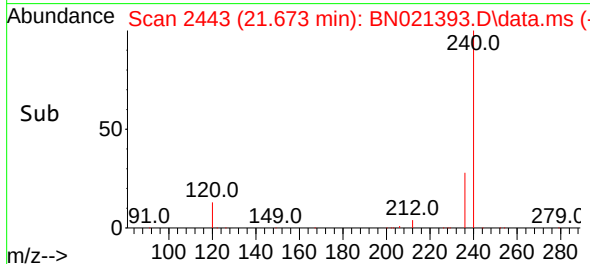
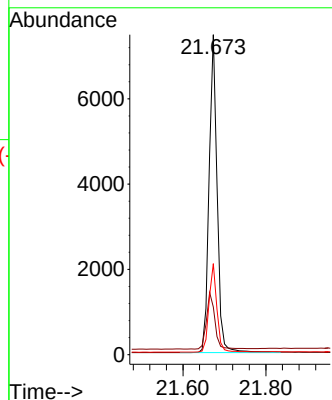
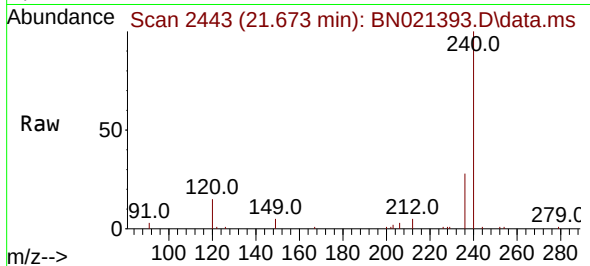




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.673 min Scan# 2443
Delta R.T. 0.000 min
Lab File: BN021393.D
Acq: 26 Aug 2022 20:10

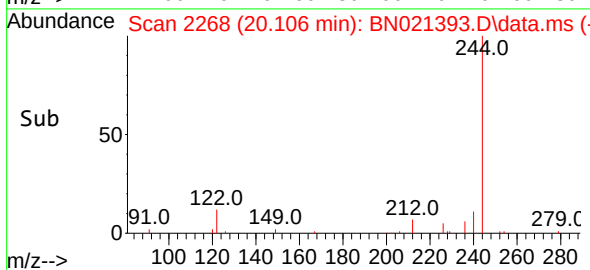
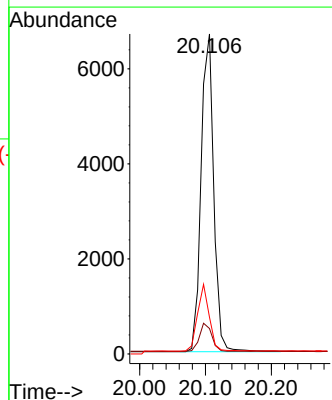
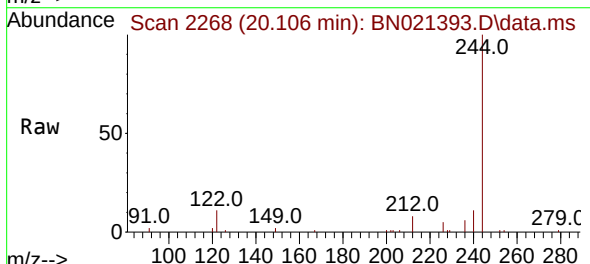
Instrument :
BNA_N
ClientSampleId :
RE115D2-20220818

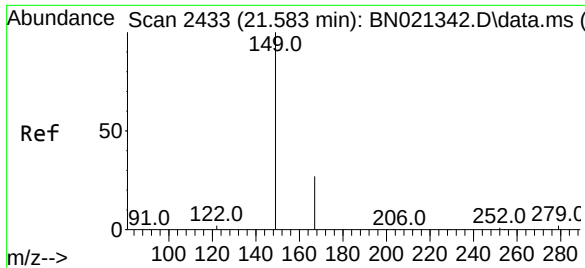
Tgt Ion:240 Resp: 10103
Ion Ratio Lower Upper
240 100
120 14.9 10.2 15.4
236 28.4 22.1 33.1



#31
Terphenyl-d14
Concen: 0.420 ng
RT: 20.106 min Scan# 2268
Delta R.T. 0.000 min
Lab File: BN021393.D
Acq: 26 Aug 2022 20:10

Tgt Ion:244 Resp: 8968
Ion Ratio Lower Upper
244 100
212 7.9 6.5 9.7
122 11.5 9.1 13.7

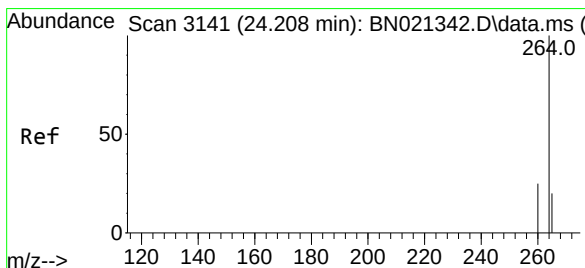
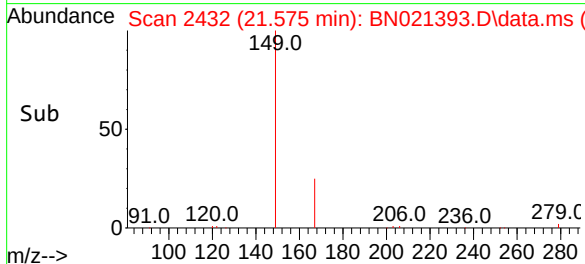
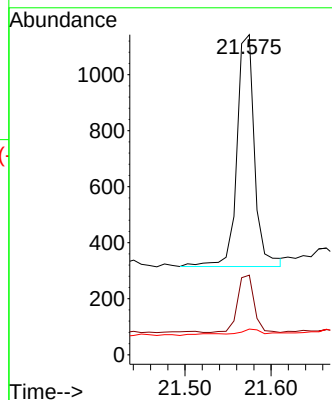
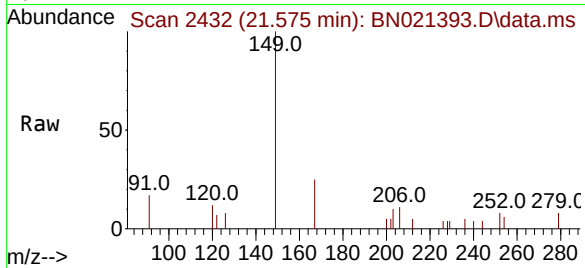




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.064 ng
 RT: 21.575 min Scan# 24
 Delta R.T. 0.000 min
 Lab File: BN021393.D
 Acq: 26 Aug 2022 20:10

Instrument :
 BNA_N
 ClientSampleId :
 RE115D2-20220818

Tgt Ion:149 Resp: 1182
 Ion Ratio Lower Upper
 149 100
 167 23.0 21.4 32.0
 279 2.1 2.2 3.2#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.200 min Scan# 3138
 Delta R.T. -0.003 min
 Lab File: BN021393.D
 Acq: 26 Aug 2022 20:10

Tgt Ion:264 Resp: 8018
 Ion Ratio Lower Upper
 264 100
 260 26.5 21.0 31.6
 265 37.6 32.2 48.2

