

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050321\
 Data File : BN014524.D
 Acq On : 03 May 2021 22:19
 Operator : CG/JU
 Sample : SP5559
 Misc : 8270 SIM SURROGATE
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP5559

Quant Time: May 04 01:01:16 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN050321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 03 19:31:57 2021
 Response via : Initial Calibration

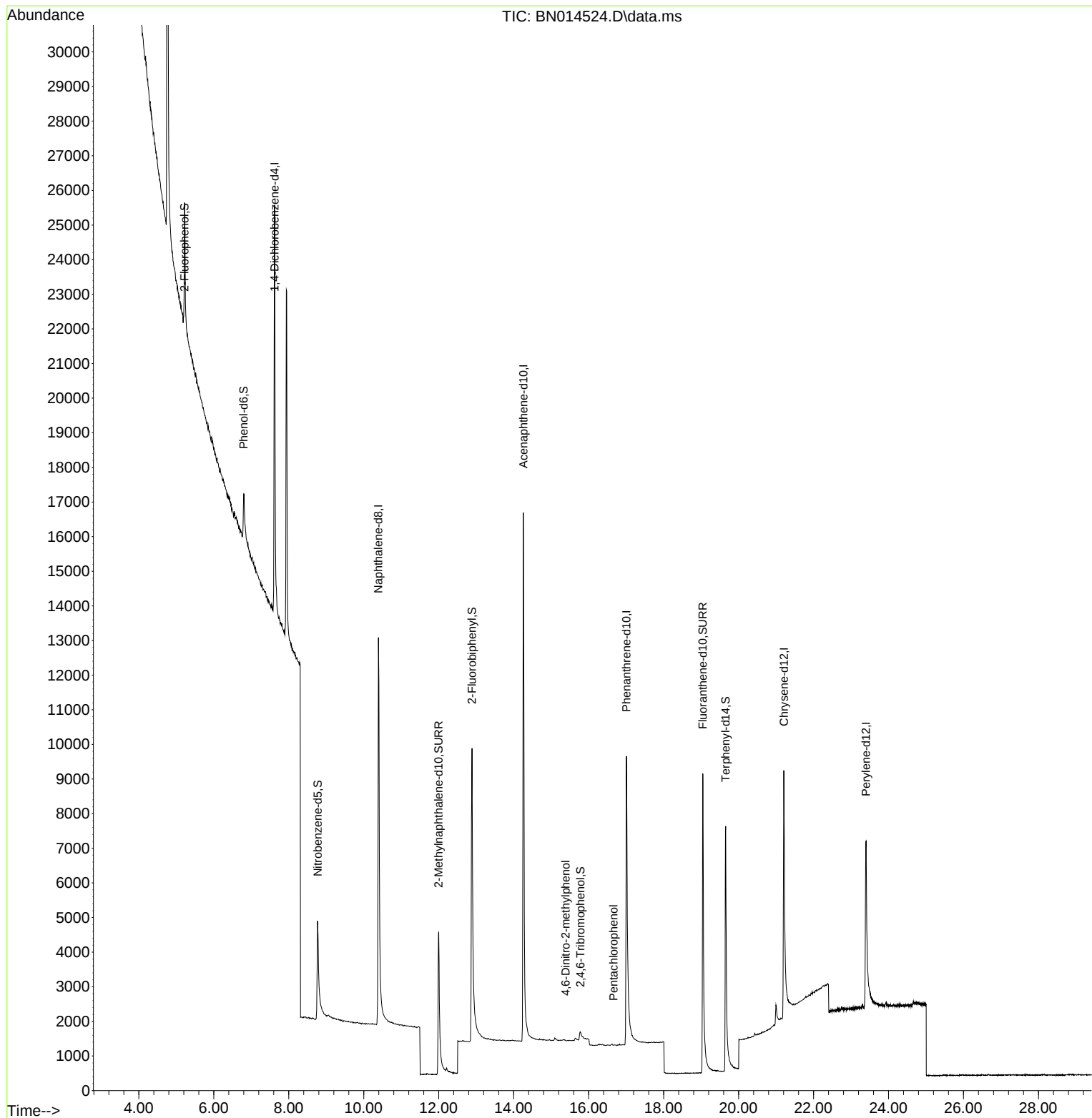
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.620	152	6844	0.40	ng	0.00
7) Naphthalene-d8	10.391	136	22341	0.40	ng	# 0.00
13) Acenaphthene-d10	14.257	164	11608	0.40	ng	0.00
19) Phenanthrene-d10	17.007	188	21698	0.40	ng	# 0.00
29) Chrysene-d12	21.207	240	13087	0.40	ng	# 0.00
35) Perylene-d12	23.400	264	10366	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.220	112	3383	0.25	ng	0.00
5) Phenol-d6	6.798	99	2144	0.14	ng	0.00
8) Nitrobenzene-d5	8.768	82	4597	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	11.999	152	10215	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.780	330	476	0.14	ng	0.03
15) 2-Fluorobiphenyl	12.887	172	11057	0.27	ng	0.01
27) Fluoranthene-d10	19.044	212	16343	0.29	ng	0.00
31) Terphenyl-d14	19.655	244	12954	0.44	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.386	198	2	0.09	ng	# 1
24) Pentachlorophenol	16.666	266	4	0.29	ng	# 1

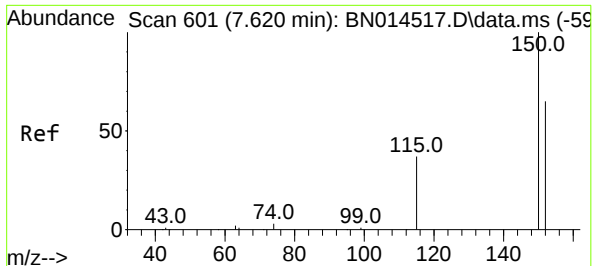
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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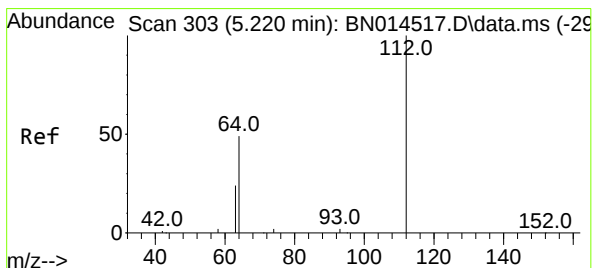
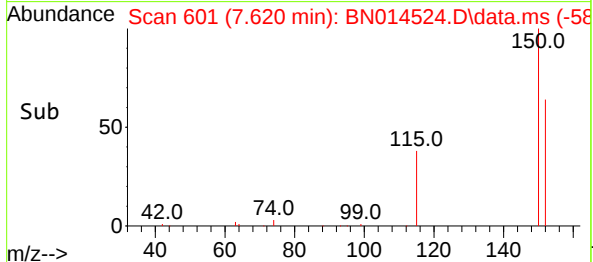
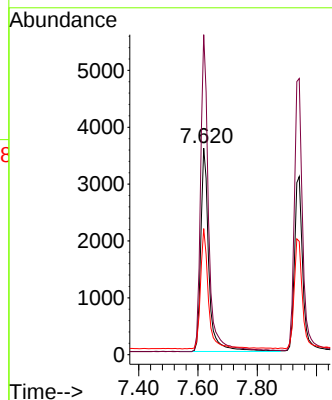
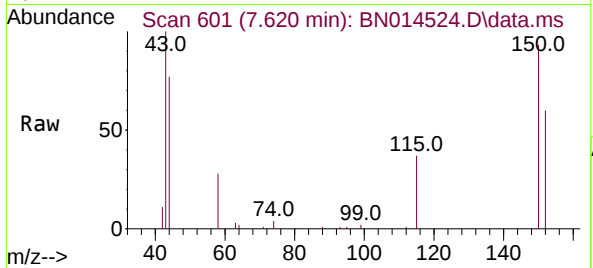




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.620 min Scan# 601
Delta R.T. -0.000 min
Lab File: BN014524.D
Acq: 03 May 2021 22:19

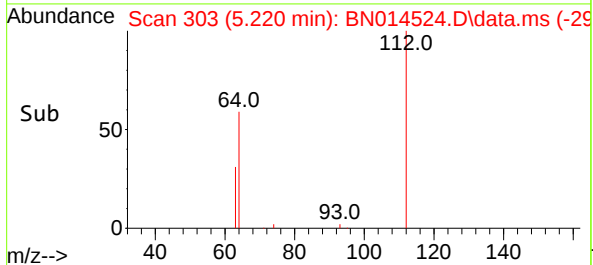
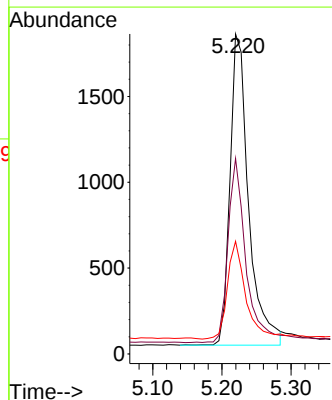
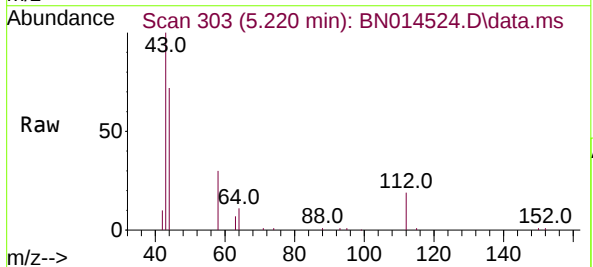
Instrument :
BNA_N
ClientSampled :
SP5559

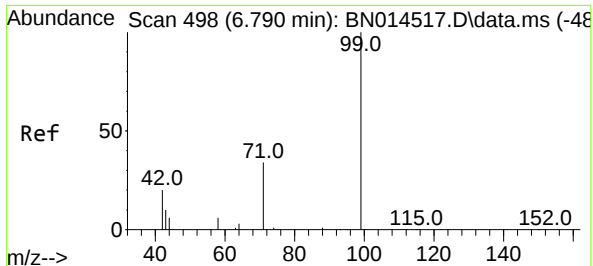
Tgt Ion:152 Resp: 6844
Ion Ratio Lower Upper
152 100
150 154.9 123.8 185.8
115 61.0 47.0 70.4



#4
2-Fluorophenol
Concen: 0.25 ng
RT: 5.220 min Scan# 303
Delta R.T. -0.000 min
Lab File: BN014524.D
Acq: 03 May 2021 22:19

Tgt Ion:112 Resp: 3383
Ion Ratio Lower Upper
112 100
64 56.8 41.8 62.6
63 30.6 22.0 33.0

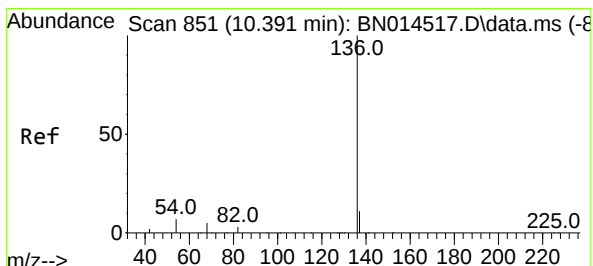
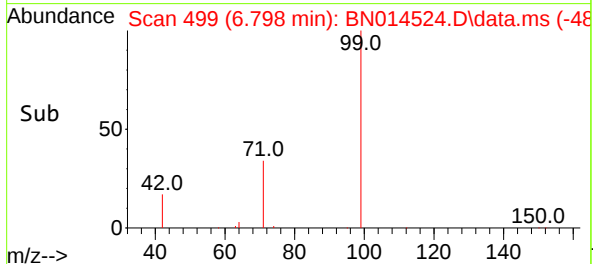
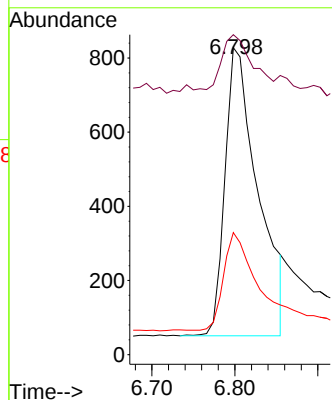
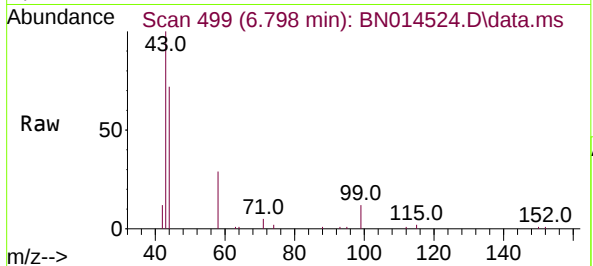




#5
Phenol-d6
Concen: 0.14 ng
RT: 6.798 min Scan# 499
Delta R.T. 0.008 min
Lab File: BN014524.D
Acq: 03 May 2021 22:19

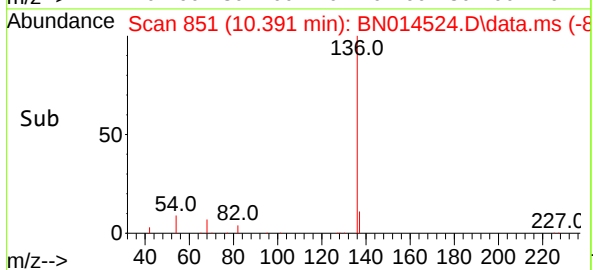
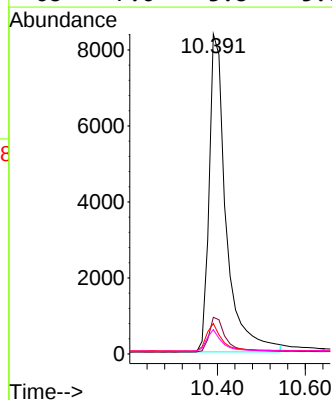
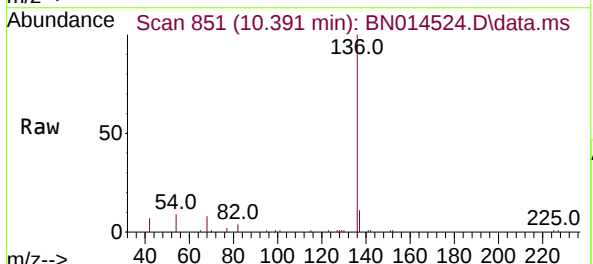
Instrument :
BNA_N
ClientSampled :
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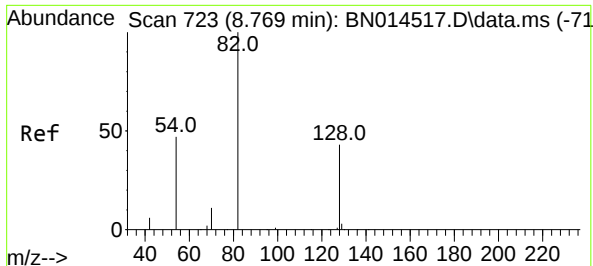
Tgt Ion: 99 Resp: 2144
Ion Ratio Lower Upper
99 100
42 17.0 13.2 19.8
71 33.5 26.2 39.2



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.391 min Scan# 851
Delta R.T. -0.000 min
Lab File: BN014524.D
Acq: 03 May 2021 22:19

Tgt Ion: 136 Resp: 22341
Ion Ratio Lower Upper
136 100
137 11.5 8.9 13.3
54 9.5 3.8 5.8#
68 7.6 3.8 5.6#

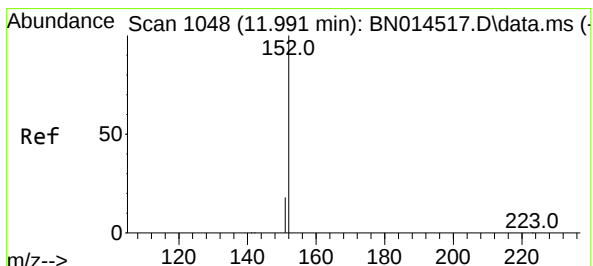
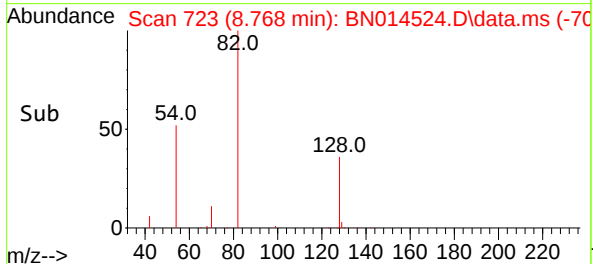
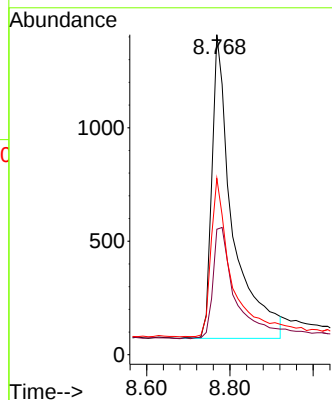
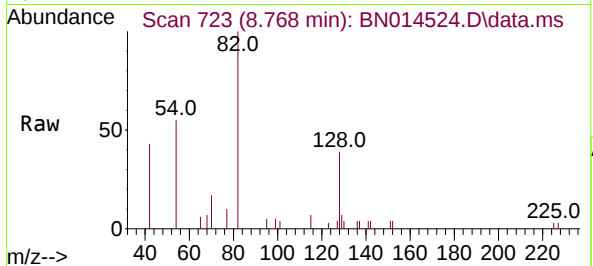




#8
Nitrobenzene-d5
Concen: 0.34 ng
RT: 8.768 min Scan# 723
Delta R.T. -0.000 min
Lab File: BN014524.D
Acq: 03 May 2021 22:19

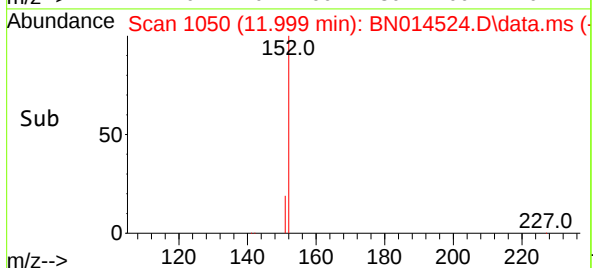
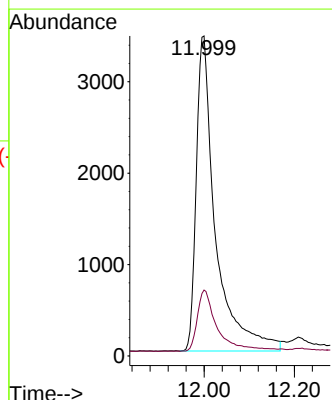
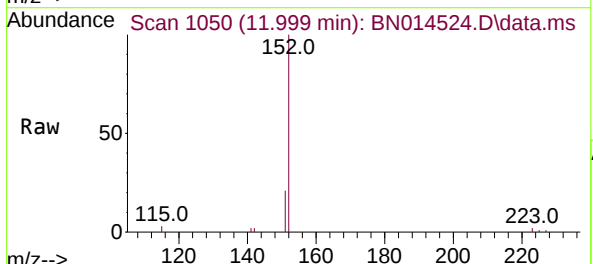
Instrument :
BNA_N
ClientSampleId :
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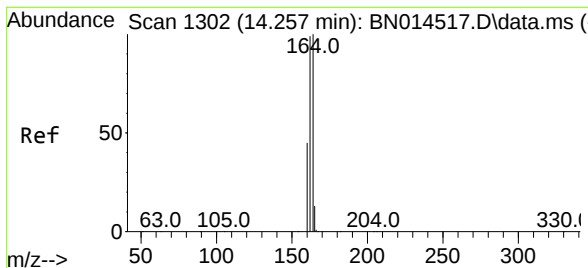
Tgt Ion: 82 Resp: 4597
Ion Ratio Lower Upper
82 100
128 39.2 29.5 44.3
54 55.1 36.9 55.3



#11
2-Methylnaphthalene-d10
Concen: 0.31 ng
RT: 11.999 min Scan# 1050
Delta R.T. 0.009 min
Lab File: BN014524.D
Acq: 03 May 2021 22:19

Tgt Ion: 152 Resp: 10215
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2

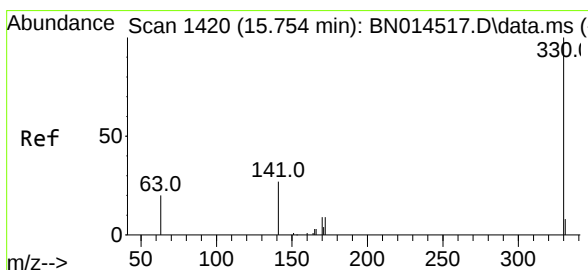
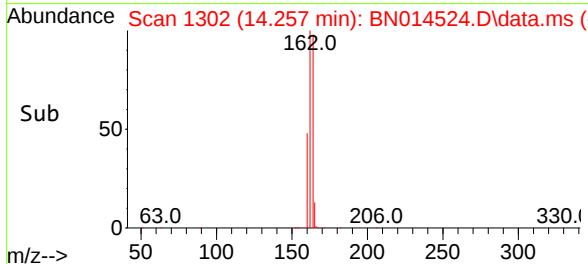
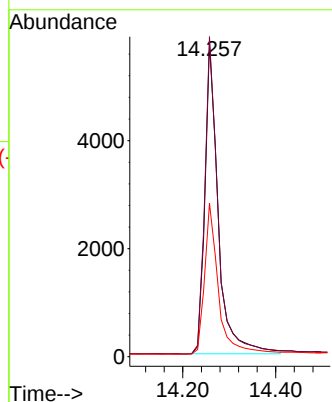
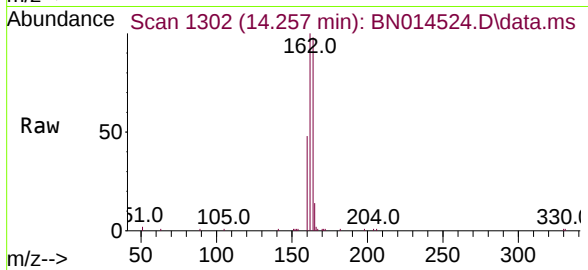




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.257 min Scan# 1302
Delta R.T. 0.000 min
Lab File: BN014524.D
Acq: 03 May 2021 22:19

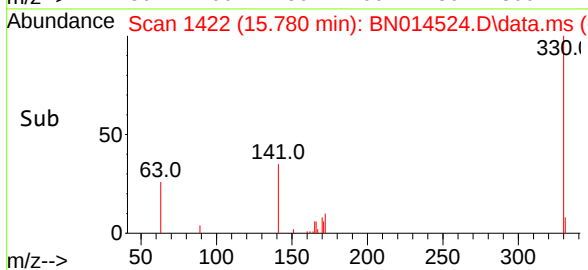
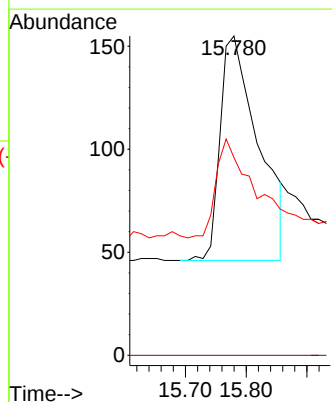
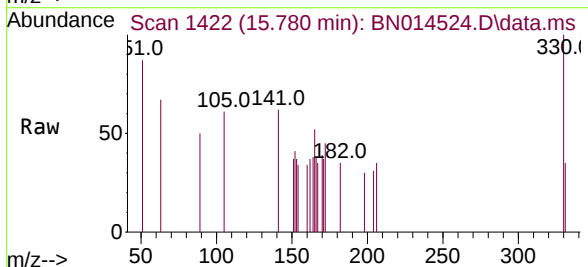
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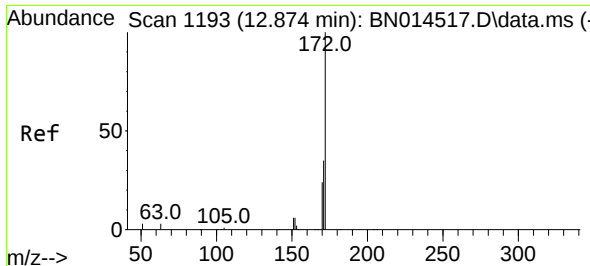
Tgt Ion:	164	Resp:	11608
Ion	Ratio	Lower	Upper
164	100		
162	102.0	78.6	118.0
160	48.9	35.8	53.8



#14
2,4,6-Tribromophenol
Concen: 0.14 ng
RT: 15.780 min Scan# 1422
Delta R.T. 0.025 min
Lab File: BN014524.D
Acq: 03 May 2021 22:19

Tgt Ion:	330	Resp:	476
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	43.3	27.0	40.4#

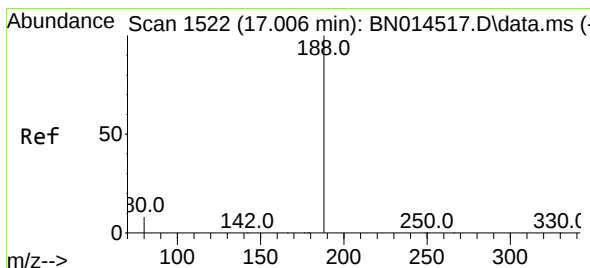
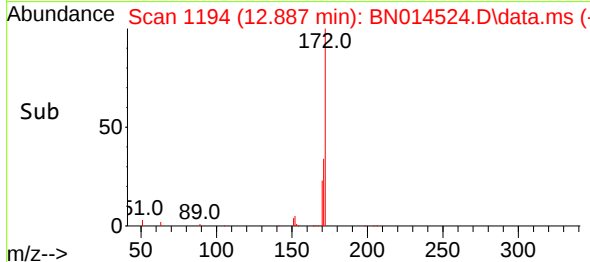
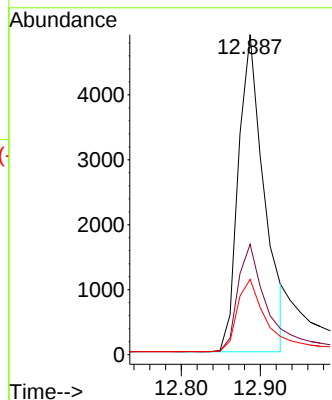
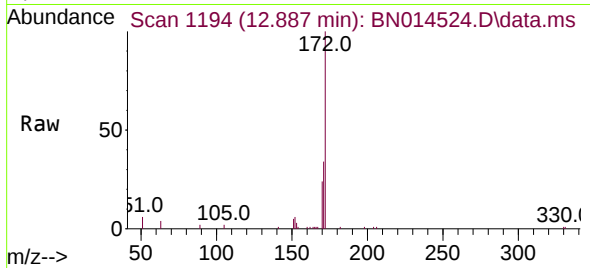




#15
2-Fluorobiphenyl
Concen: 0.27 ng
RT: 12.887 min Scan# 1194
Delta R.T. 0.013 min
Lab File: BN014524.D
Acq: 03 May 2021 22:19

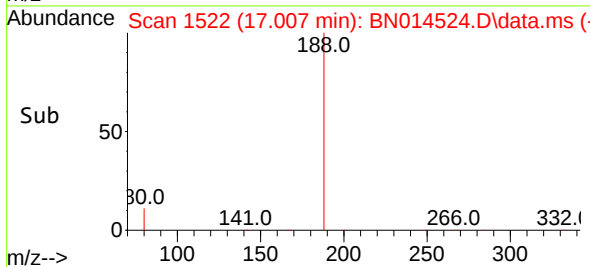
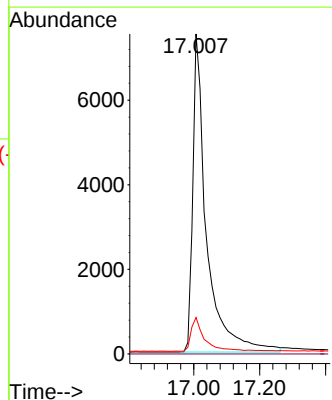
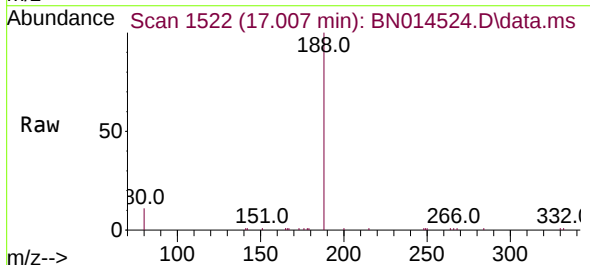
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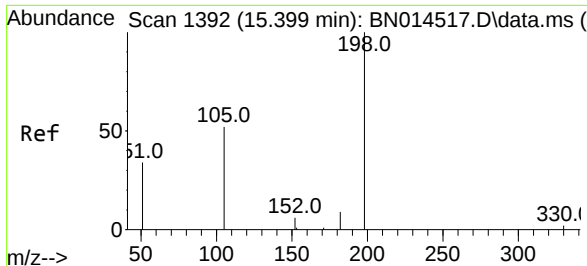
Tgt Ion:172 Resp: 11057
Ion Ratio Lower Upper
172 100
171 34.5 27.1 40.7
170 23.5 18.3 27.5



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.007 min Scan# 1522
Delta R.T. 0.001 min
Lab File: BN014524.D
Acq: 03 May 2021 22:19

Tgt Ion:188 Resp: 21698
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.4 5.2 7.8#

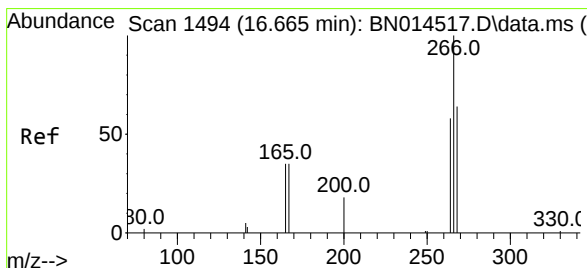
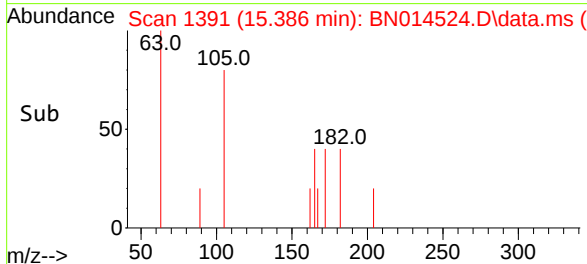
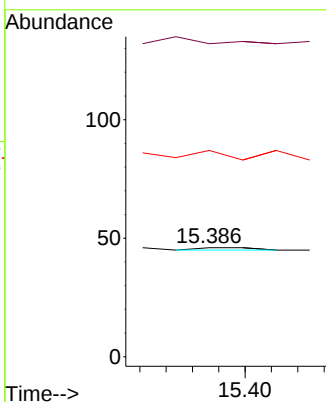
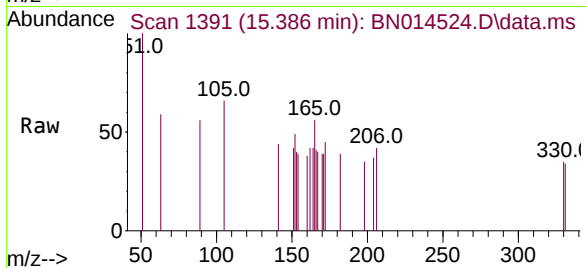




#20
4,6-Dinitro-2-methylphenol
Concen: 0.09 ng
RT: 15.386 min Scan# 1391
Delta R.T. -0.013 min
Lab File: BN014524.D
Acq: 03 May 2021 22:19

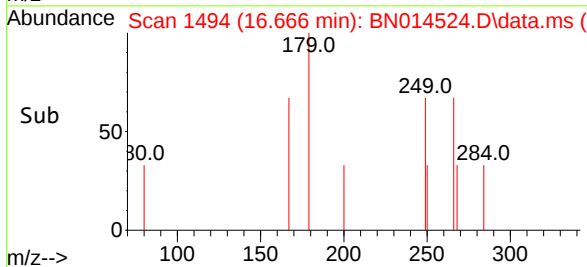
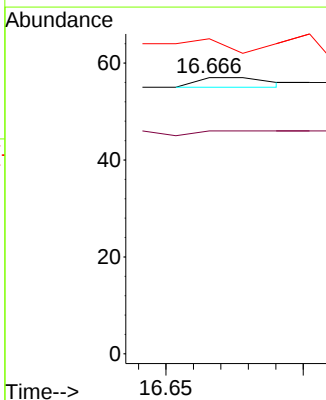
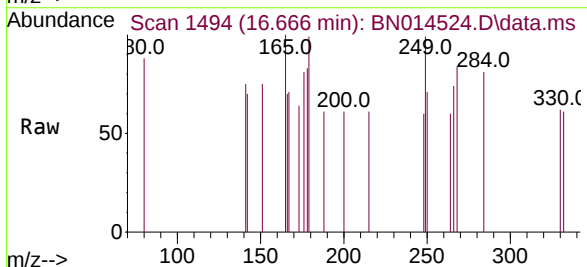
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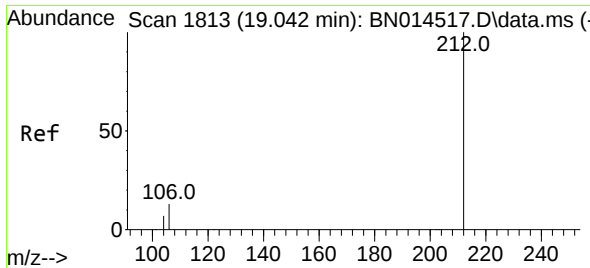
Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
51 287.0 865.3 1297.9#
105 189.1 93.6 140.4#



#24
Pentachlorophenol
Concen: 0.29 ng
RT: 16.666 min Scan# 1494
Delta R.T. 0.001 min
Lab File: BN014524.D
Acq: 03 May 2021 22:19

Tgt Ion:266 Resp: 4
Ion Ratio Lower Upper
266 100
264 125.0 24.2 36.4#
268 150.0 25.2 37.8#

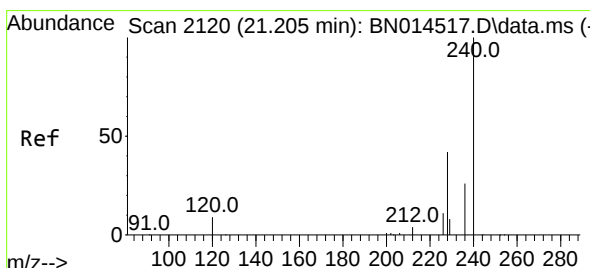
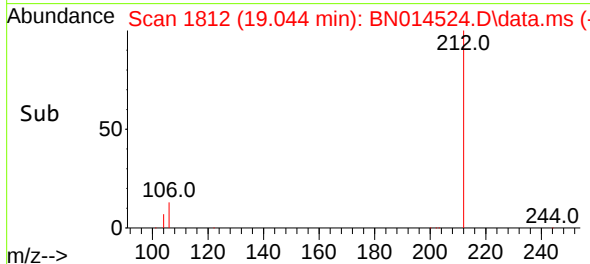
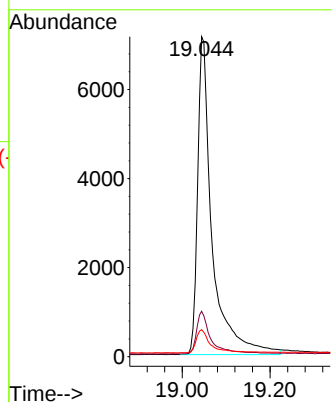
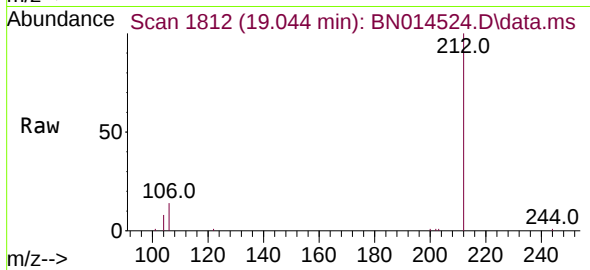




#27
Fluoranthene-d10
Concen: 0.29 ng
RT: 19.044 min Scan# 1812
Delta R.T. 0.003 min
Lab File: BN014524.D
Acq: 03 May 2021 22:19

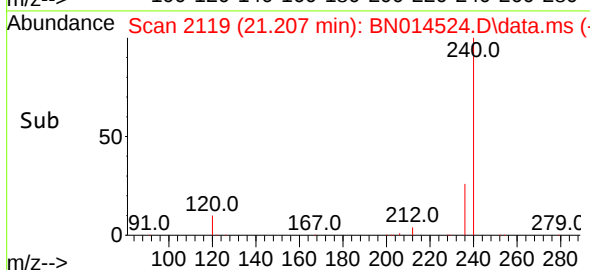
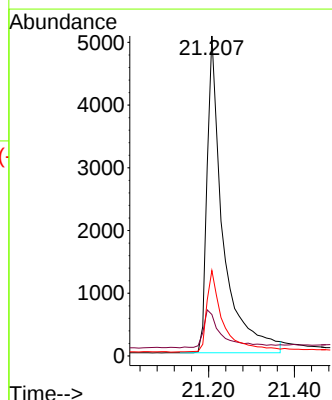
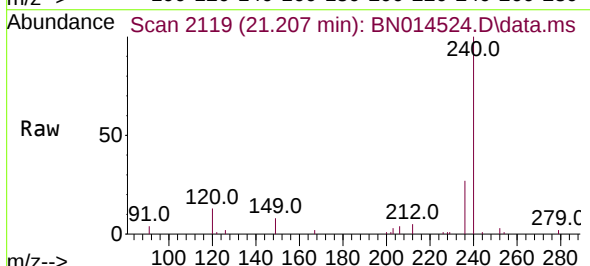
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ClientSampleId :
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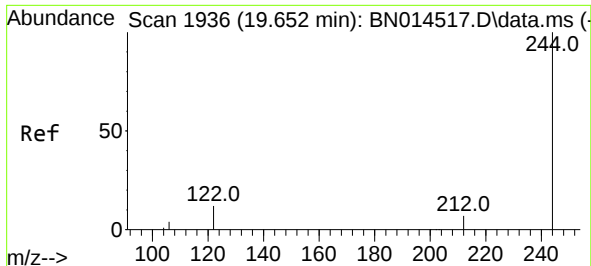
Tgt Ion:212 Resp: 16343
Ion Ratio Lower Upper
212 100
106 12.9 10.1 15.1
104 7.2 5.4 8.2



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.207 min Scan# 2119
Delta R.T. 0.003 min
Lab File: BN014524.D
Acq: 03 May 2021 22:19

Tgt Ion:240 Resp: 13087
Ion Ratio Lower Upper
240 100
120 12.9 5.8 8.8#
236 26.7 20.6 30.8

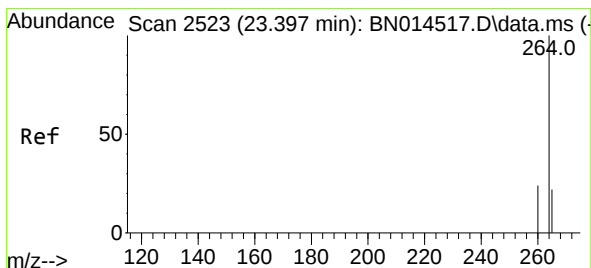
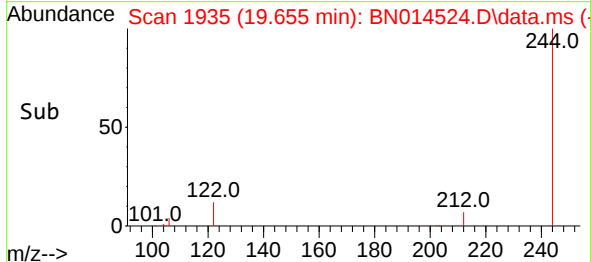
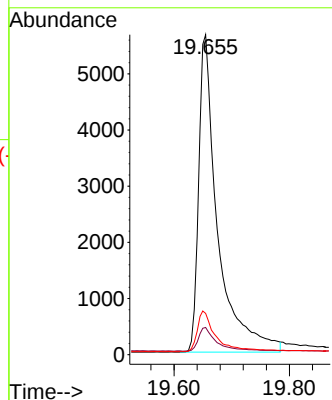
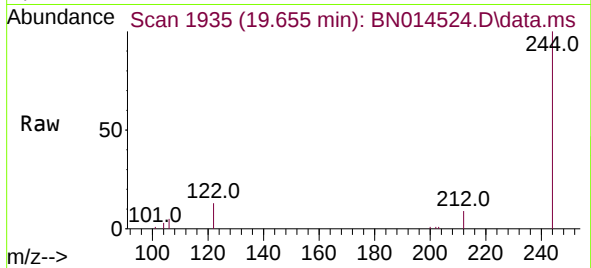




#31
Terphenyl-d14
Concen: 0.44 ng
RT: 19.655 min Scan# 1935
Delta R.T. 0.003 min
Lab File: BN014524.D
Acq: 03 May 2021 22:19

Instrument :
BNA_N
ClientSampleId :
SP5559

Tgt Ion:244 Resp: 12954
Ion Ratio Lower Upper
244 100
212 8.5 6.0 9.0
122 12.9 9.3 13.9



#35
Perylene-d12
Concen: 0.40 ng
RT: 23.400 min Scan# 2522
Delta R.T. 0.003 min
Lab File: BN014524.D
Acq: 03 May 2021 22:19

Tgt Ion:264 Resp: 10366
Ion Ratio Lower Upper
264 100
260 25.2 19.5 29.3
265 62.1 35.4 53.0#

