

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092121\
 Data File : BN016388.D
 Acq On : 21 Sep 2021 22:10
 Operator : CG/JU
 Sample : M3781-16DL 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20210916DL

Quant Time: Sep 22 04:34:05 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 21 13:21:55 2021
 Response via : Initial Calibration

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

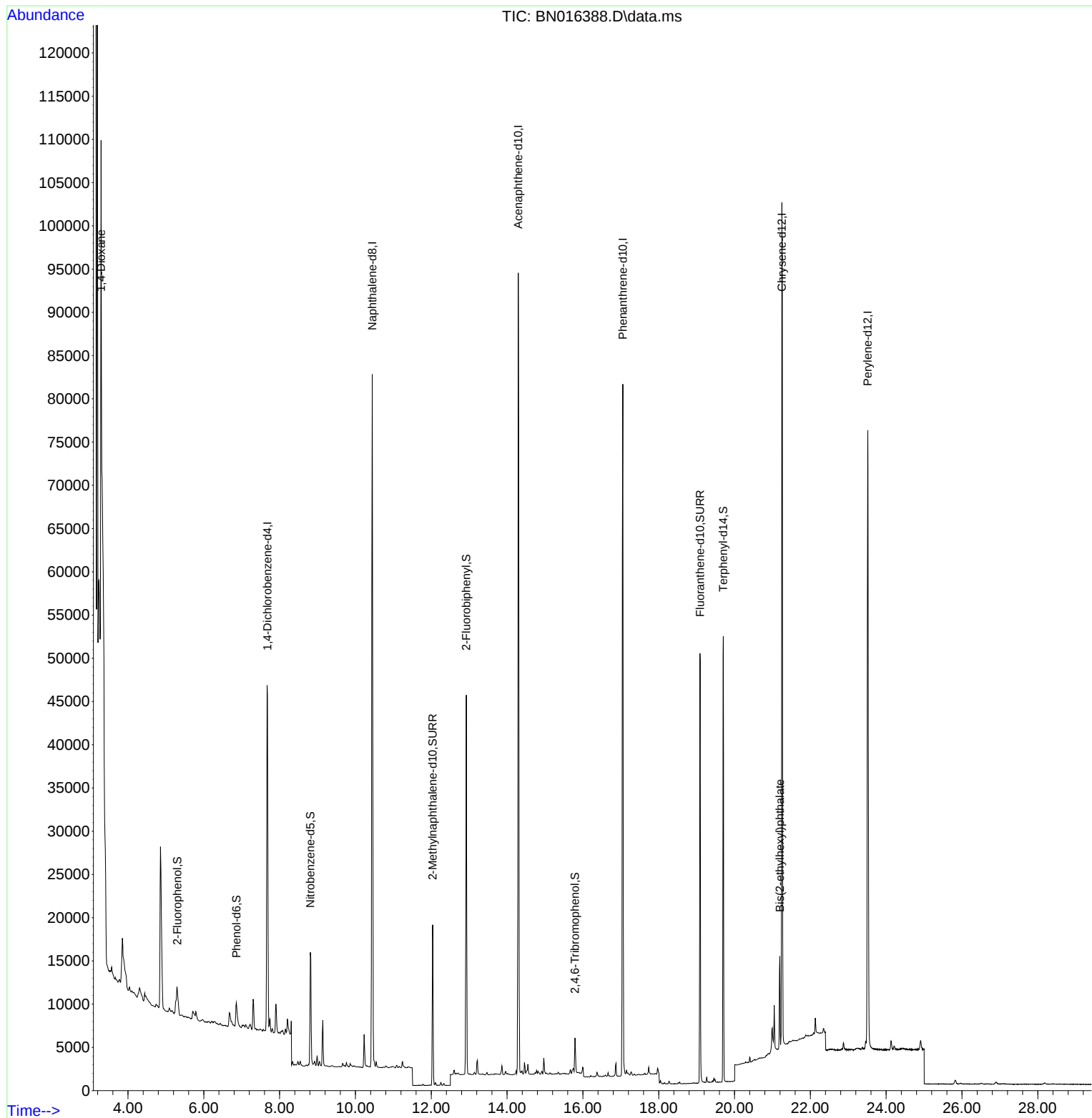
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.679	152	23870	0.400	ng	0.00
7) Naphthalene-d8	10.445	136	106458	0.400	ng	0.00
13) Acenaphthene-d10	14.294	164	57692	0.400	ng	-0.01
19) Phenanthrene-d10	17.054	188	114355	0.400	ng	# 0.00
29) Chrysene-d12	21.249	240	100431	0.400	ng	#-0.01
35) Perylene-d12	23.515	264	92784	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	3884	0.065	ng	0.02
5) Phenol-d6	6.859	99	2740	0.038	ng	0.00
8) Nitrobenzene-d5	8.810	82	11455	0.181	ng	0.00
11) 2-Methylnaphthalene-d10	12.038	152	24792	0.148	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	2958	0.175	ng	0.00
15) 2-Fluorobiphenyl	12.924	172	35979	0.159	ng	0.00
27) Fluoranthene-d10	19.093	212	57210	0.173	ng	0.00
31) Terphenyl-d14	19.703	244	51991	0.223	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.290	88	36113	3.638	ng	# 87
34) Bis(2-ethylhexyl)phtha...	21.196	149	10887	0.063	ng	97

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

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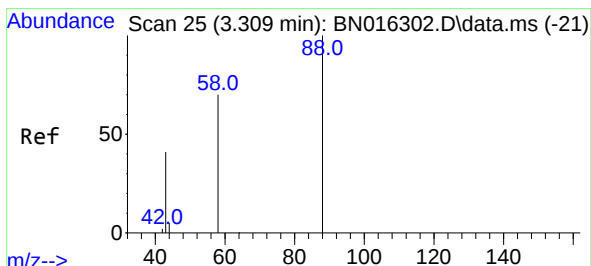
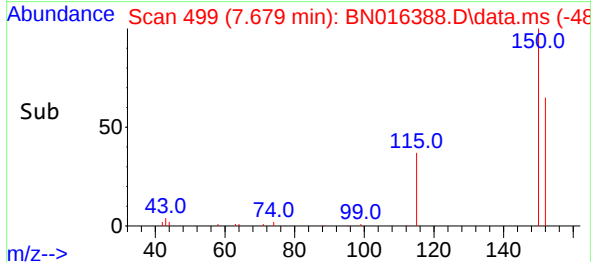
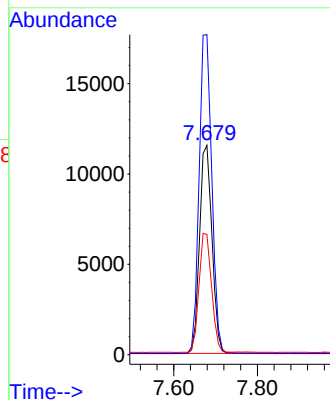
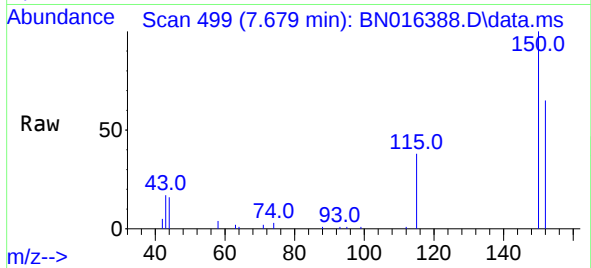




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.679 min Scan# 499
Delta R.T. 0.009 min
Lab File: BN016388.D
Acq: 21 Sep 2021 22:10

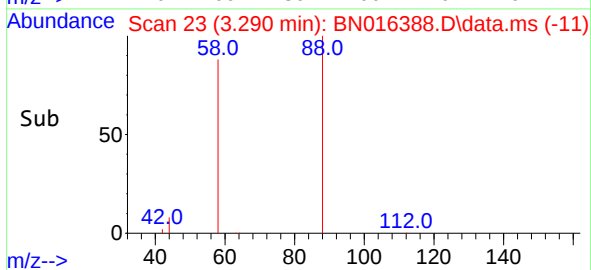
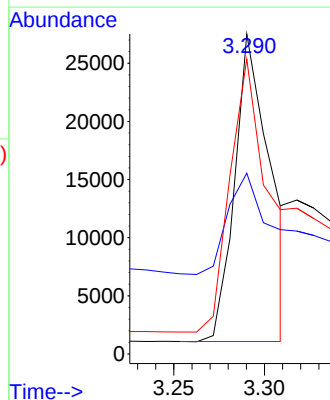
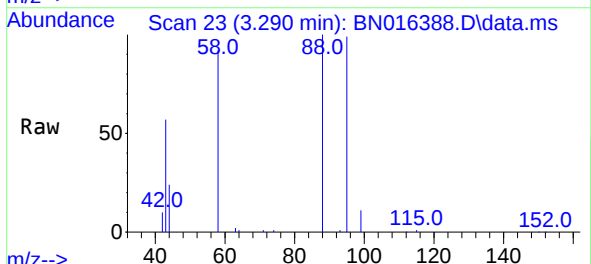
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ClientSampleId :
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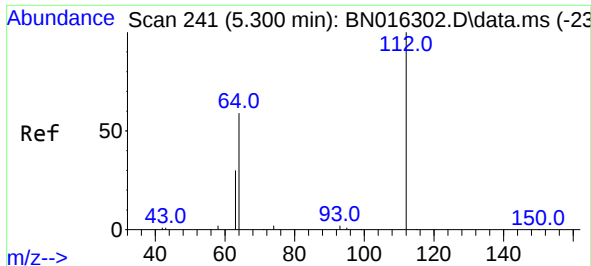
Tgt Ion:152 Resp: 23870
Ion Ratio Lower Upper
152 100
150 152.9 125.6 188.4
115 57.4 50.2 75.2



#2
1,4-Dioxane
Concen: 3.638 ng
RT: 3.290 min Scan# 23
Delta R.T. 0.010 min
Lab File: BN016388.D
Acq: 21 Sep 2021 22:10

Tgt Ion: 88 Resp: 36113
Ion Ratio Lower Upper
88 100
43 42.1 20.3 30.5#
58 94.3 69.9 104.9

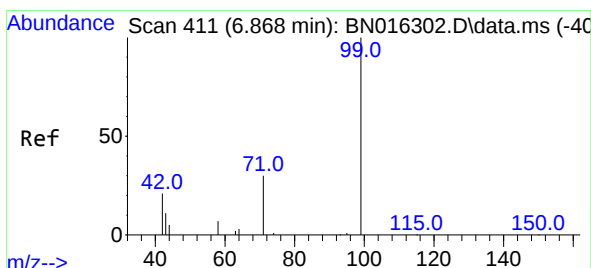
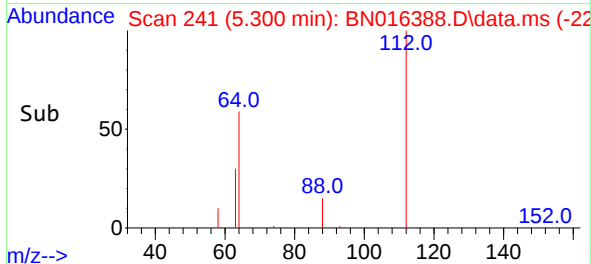
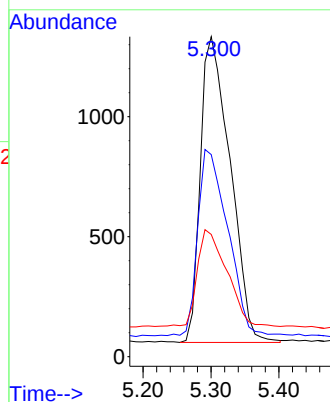
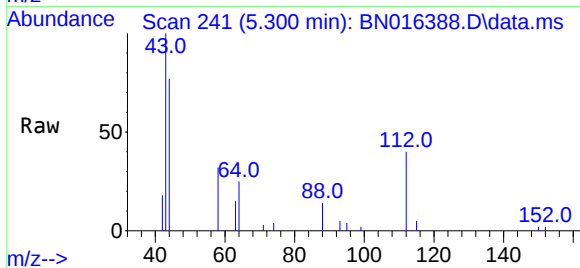




#4
2-Fluorophenol
Concen: 0.065 ng
RT: 5.300 min Scan# 241
Delta R.T. 0.019 min
Lab File: BN016388.D
Acq: 21 Sep 2021 22:10

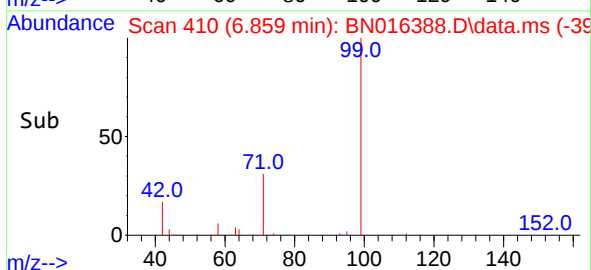
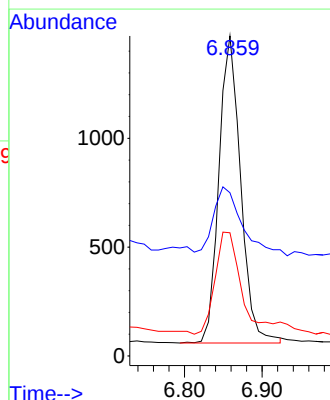
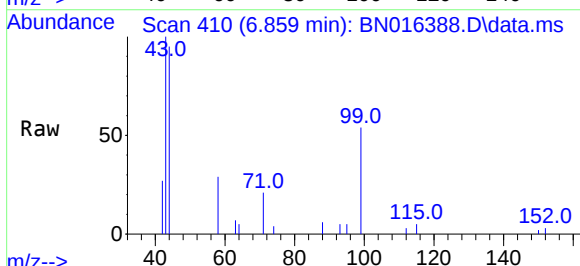
Instrument :
BNA_N
ClientSampleId :
RE134D3-20210916DL

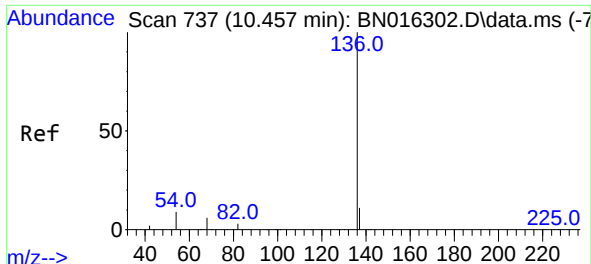
Tgt Ion:	112	Resp:	3884
Ion	Ratio	Lower	Upper
112	100		
64	61.1	47.3	70.9
63	31.2	23.4	35.0



#5
Phenol-d6
Concen: 0.038 ng
RT: 6.859 min Scan# 410
Delta R.T. 0.010 min
Lab File: BN016388.D
Acq: 21 Sep 2021 22:10

Tgt Ion:	99	Resp:	2740
Ion	Ratio	Lower	Upper
99	100		
42	25.7	14.0	21.0#
71	39.9	23.8	35.6#

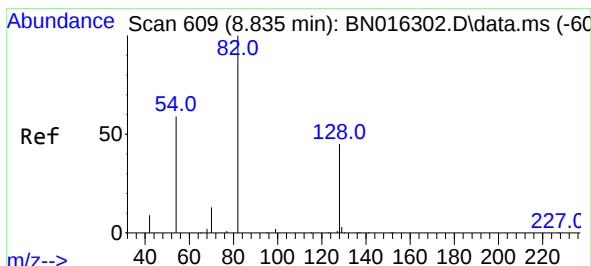
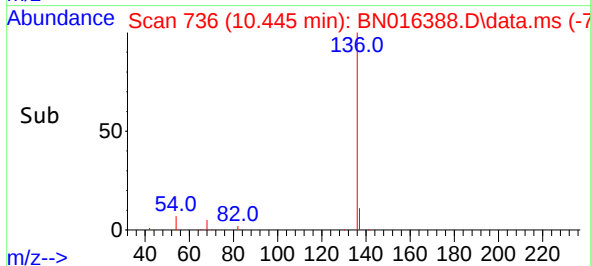
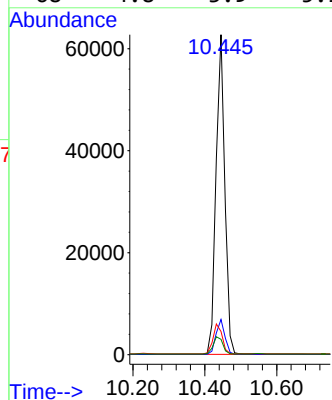
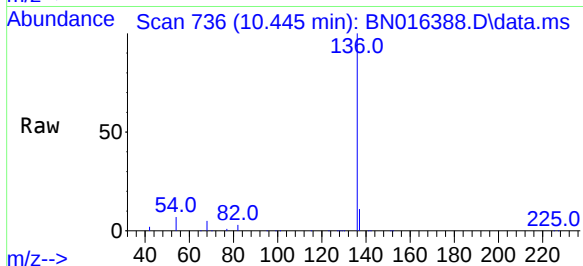




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.445 min Scan# 736
Delta R.T. 0.000 min
Lab File: BN016388.D
Acq: 21 Sep 2021 22:10

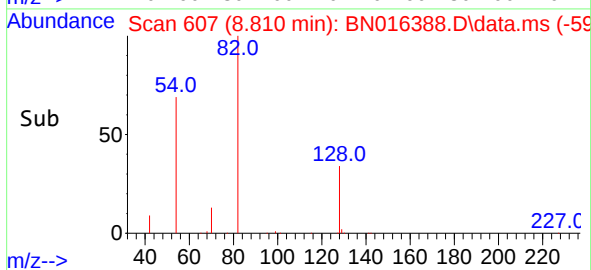
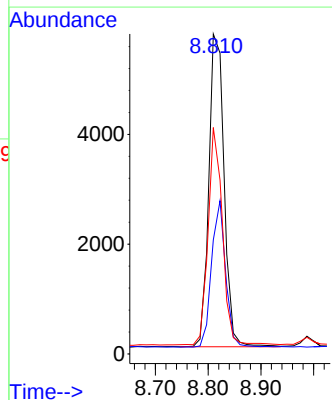
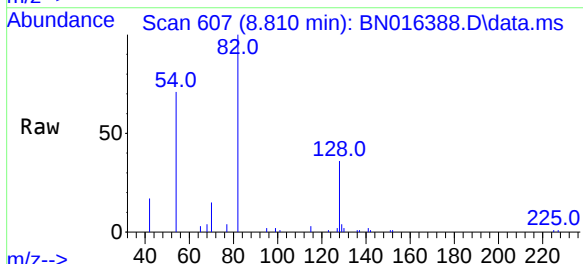
Instrument :
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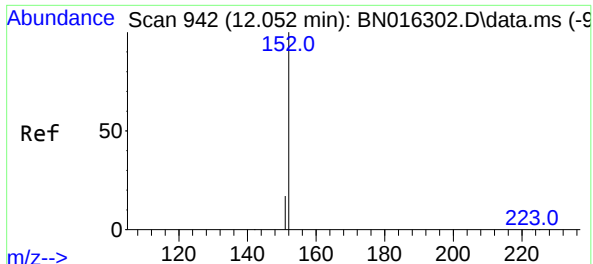
Tgt Ion:	136	Resp:	106458
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.3	5.3	7.9
68	4.8	3.9	5.9



#8
Nitrobenzene-d5
Concen: 0.181 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN016388.D
Acq: 21 Sep 2021 22:10

Tgt Ion:	82	Resp:	11455
Ion	Ratio	Lower	Upper
82	100		
128	35.6	31.7	47.5
54	70.8	46.4	69.6

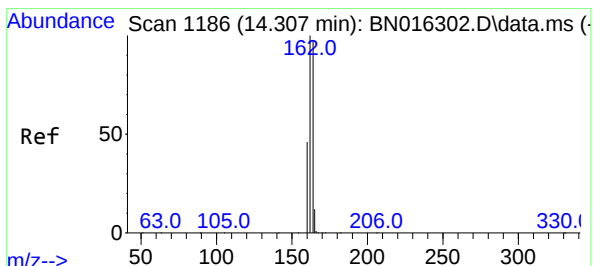
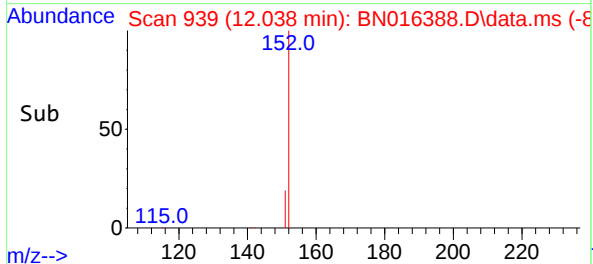
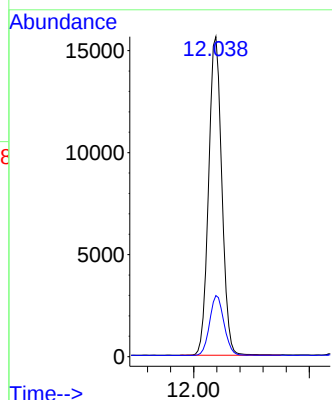
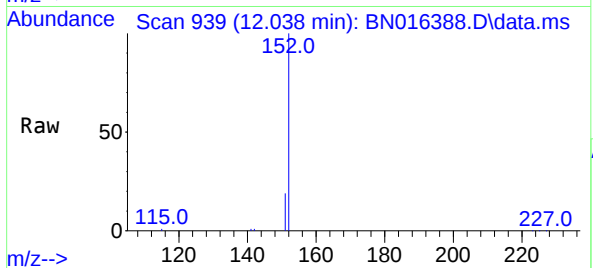




#11
2-Methylnaphthalene-d10
Concen: 0.148 ng
RT: 12.038 min Scan# 939
Delta R.T. 0.000 min
Lab File: BN016388.D
Acq: 21 Sep 2021 22:10

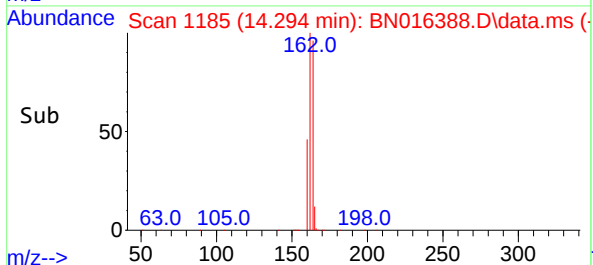
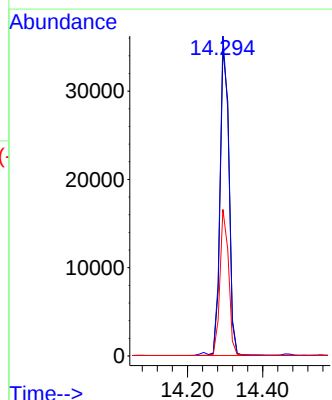
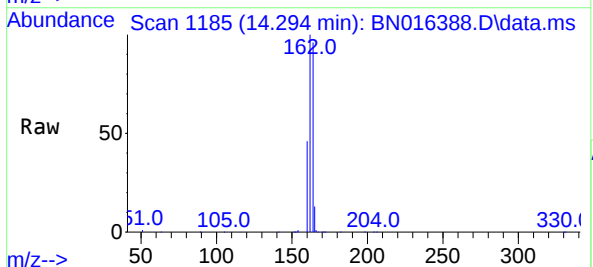
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RE134D3-20210916DL

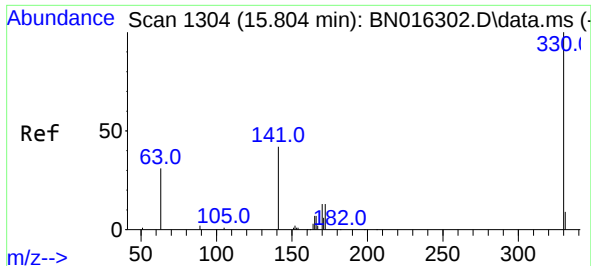
Tgt Ion:152 Resp: 24792
Ion Ratio Lower Upper
152 100
151 20.4 16.1 24.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. -0.012 min
Lab File: BN016388.D
Acq: 21 Sep 2021 22:10

Tgt Ion:164 Resp: 57692
Ion Ratio Lower Upper
164 100
162 104.1 79.0 118.4
160 47.7 34.1 51.1

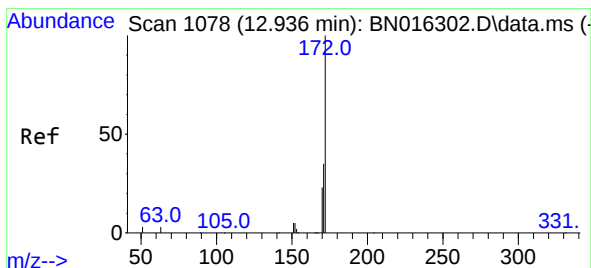
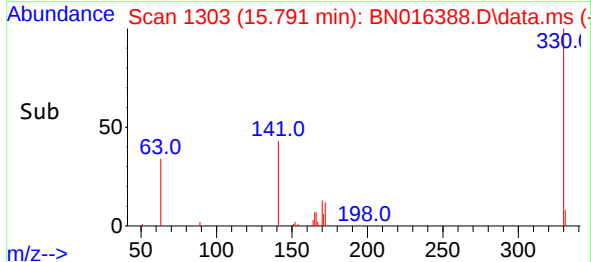
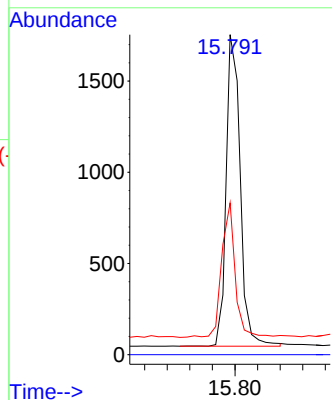
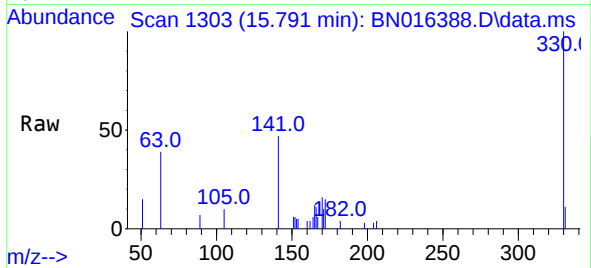




#14
2,4,6-Tribromophenol
Concen: 0.175 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016388.D
Acq: 21 Sep 2021 22:10

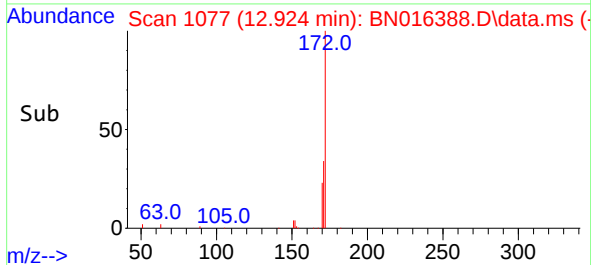
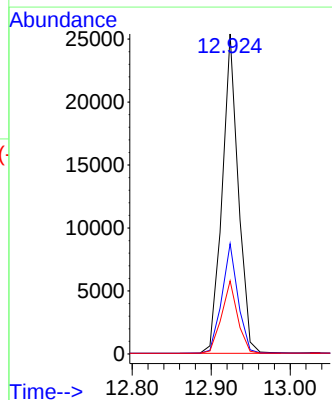
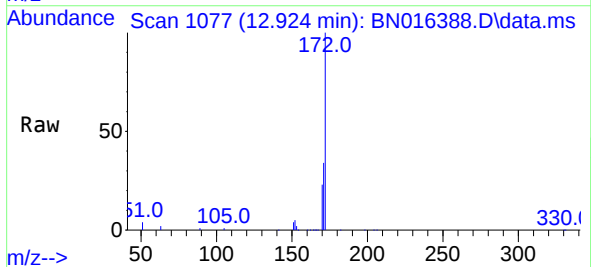
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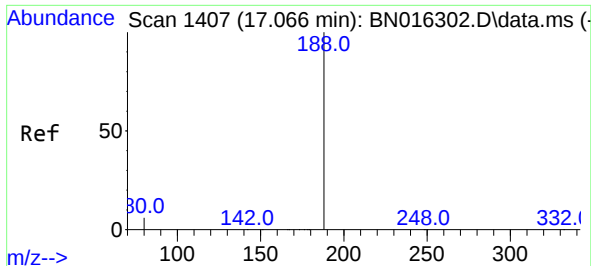
Tgt Ion:330 Resp: 2958
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 41.6 25.0 37.4#



#15
2-Fluorobiphenyl
Concen: 0.159 ng
RT: 12.924 min Scan# 1077
Delta R.T. 0.000 min
Lab File: BN016388.D
Acq: 21 Sep 2021 22:10

Tgt Ion:172 Resp: 35979
Ion Ratio Lower Upper
172 100
171 34.4 27.8 41.6
170 22.8 18.2 27.2

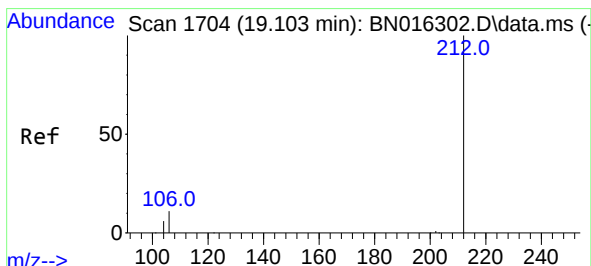
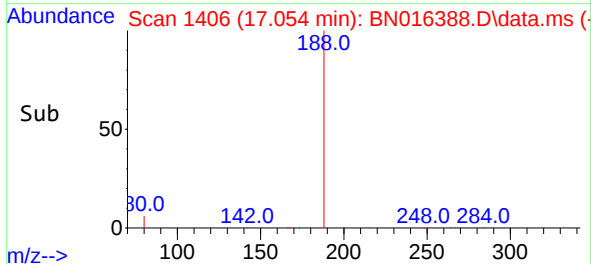
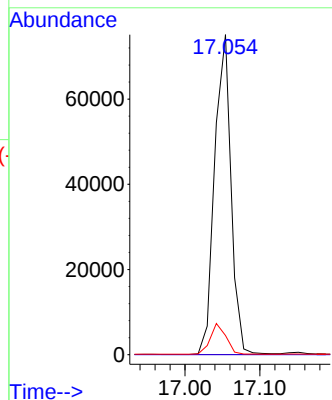
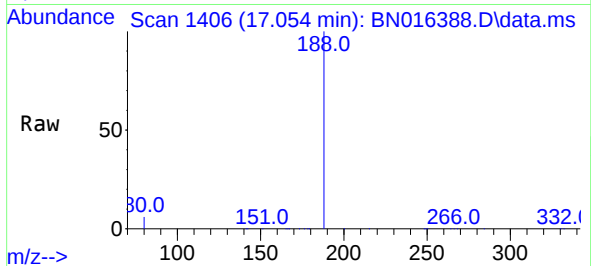




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.054 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BN016388.D
Acq: 21 Sep 2021 22:10

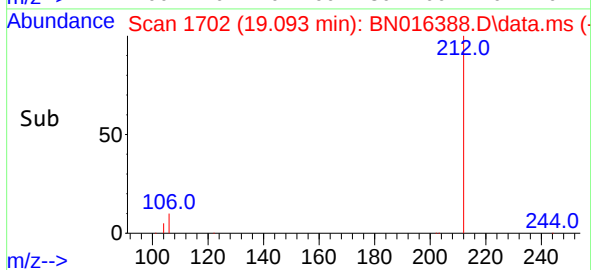
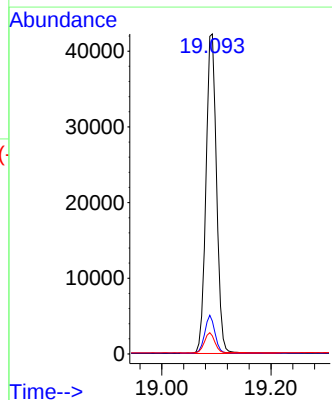
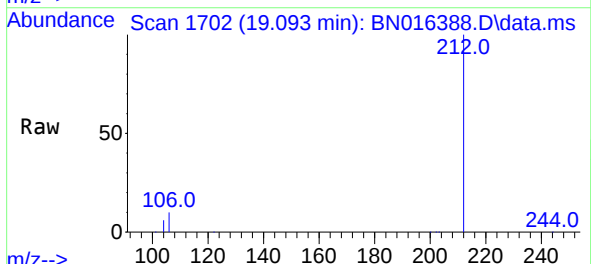
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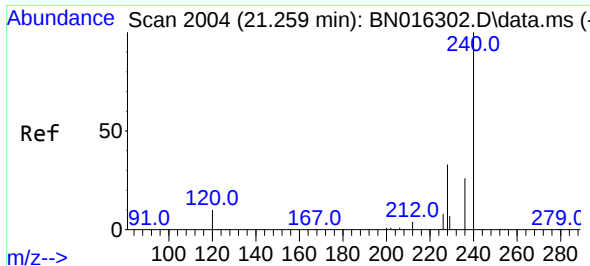
Tgt Ion:188 Resp: 114355
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.0 7.0 10.6#



#27
Fluoranthene-d10
Concen: 0.173 ng
RT: 19.093 min Scan# 1702
Delta R.T. 0.000 min
Lab File: BN016388.D
Acq: 21 Sep 2021 22:10

Tgt Ion:212 Resp: 57210
Ion Ratio Lower Upper
212 100
106 11.3 9.8 14.6
104 6.1 5.4 8.2

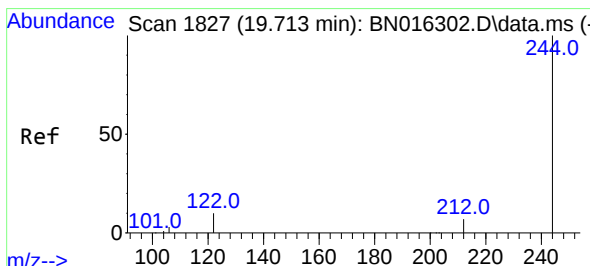
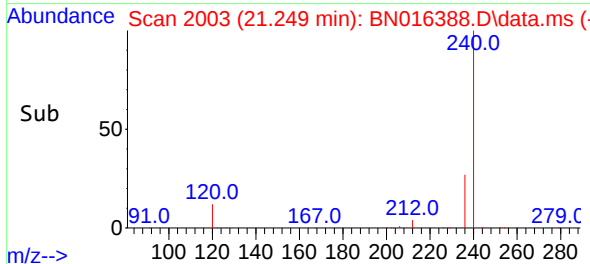
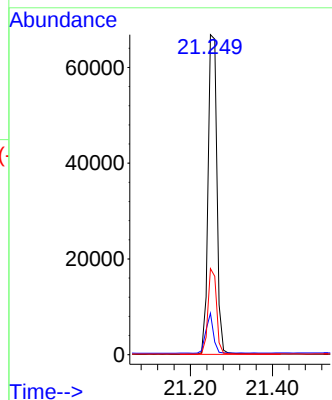
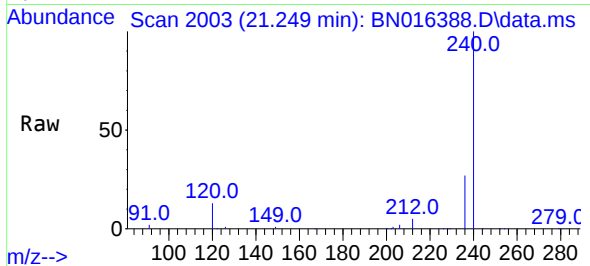




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.249 min Scan# 2003
Delta R.T. -0.010 min
Lab File: BN016388.D
Acq: 21 Sep 2021 22:10

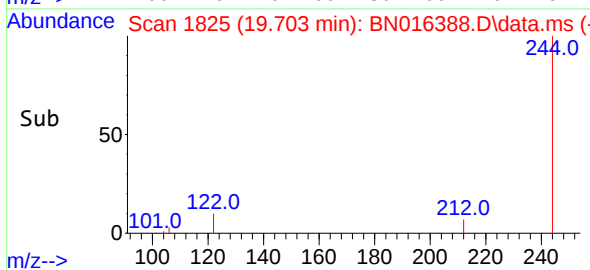
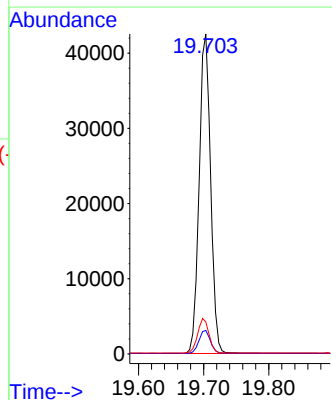
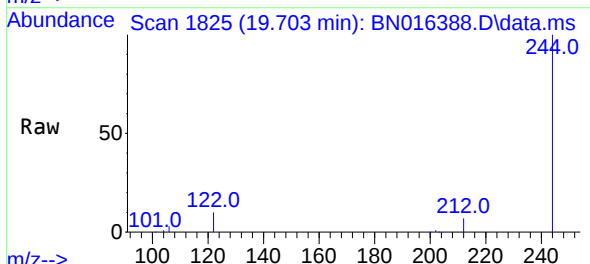
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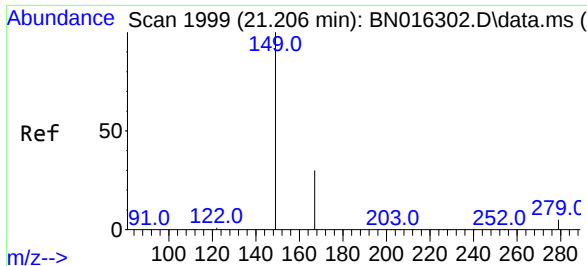
Tgt Ion:240 Resp: 100431
Ion Ratio Lower Upper
240 100
120 12.9 5.3 7.9#
236 26.9 19.8 29.8



#31
Terphenyl-d14
Concen: 0.223 ng
RT: 19.703 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BN016388.D
Acq: 21 Sep 2021 22:10

Tgt Ion:244 Resp: 51991
Ion Ratio Lower Upper
244 100
212 7.3 5.5 8.3
122 10.0 9.0 13.4

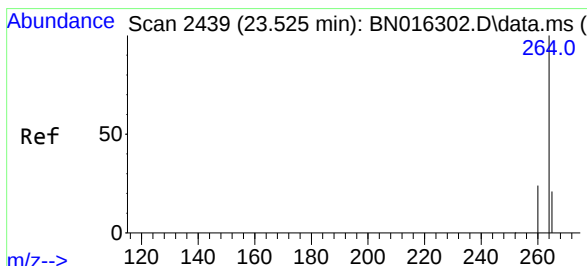
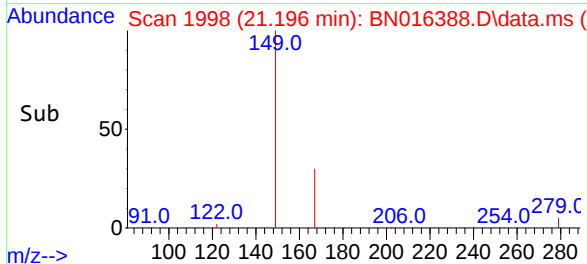
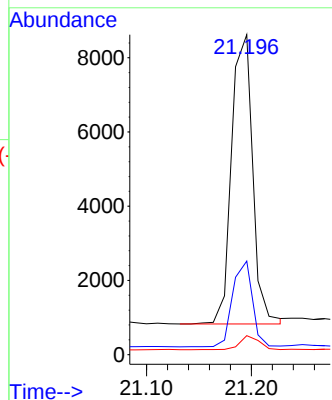
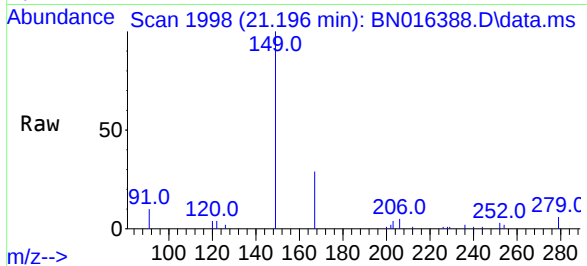




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.063 ng
RT: 21.196 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BN016388.D
Acq: 21 Sep 2021 22:10

Instrument :
BNA_N
ClientSampleId :
RE134D3-20210916DL

Tgt Ion:149 Resp: 10887
Ion Ratio Lower Upper
149 100
167 27.7 23.4 35.0
279 4.5 3.9 5.9



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.515 min Scan# 2436
Delta R.T. -0.006 min
Lab File: BN016388.D
Acq: 21 Sep 2021 22:10

Tgt Ion:264 Resp: 92784
Ion Ratio Lower Upper
264 100
260 24.3 18.9 28.3
265 26.7 23.7 35.5

