

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120821\
 Data File : BN017833.D
 Acq On : 09 Dec 2021 13:00
 Operator : CG/JU
 Sample : SP5773
 Misc : 8270 SIM SURROGATE
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP5773

Quant Time: Dec 10 01:54:33 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 08 01:18:09 2021
 Response via : Initial Calibration

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

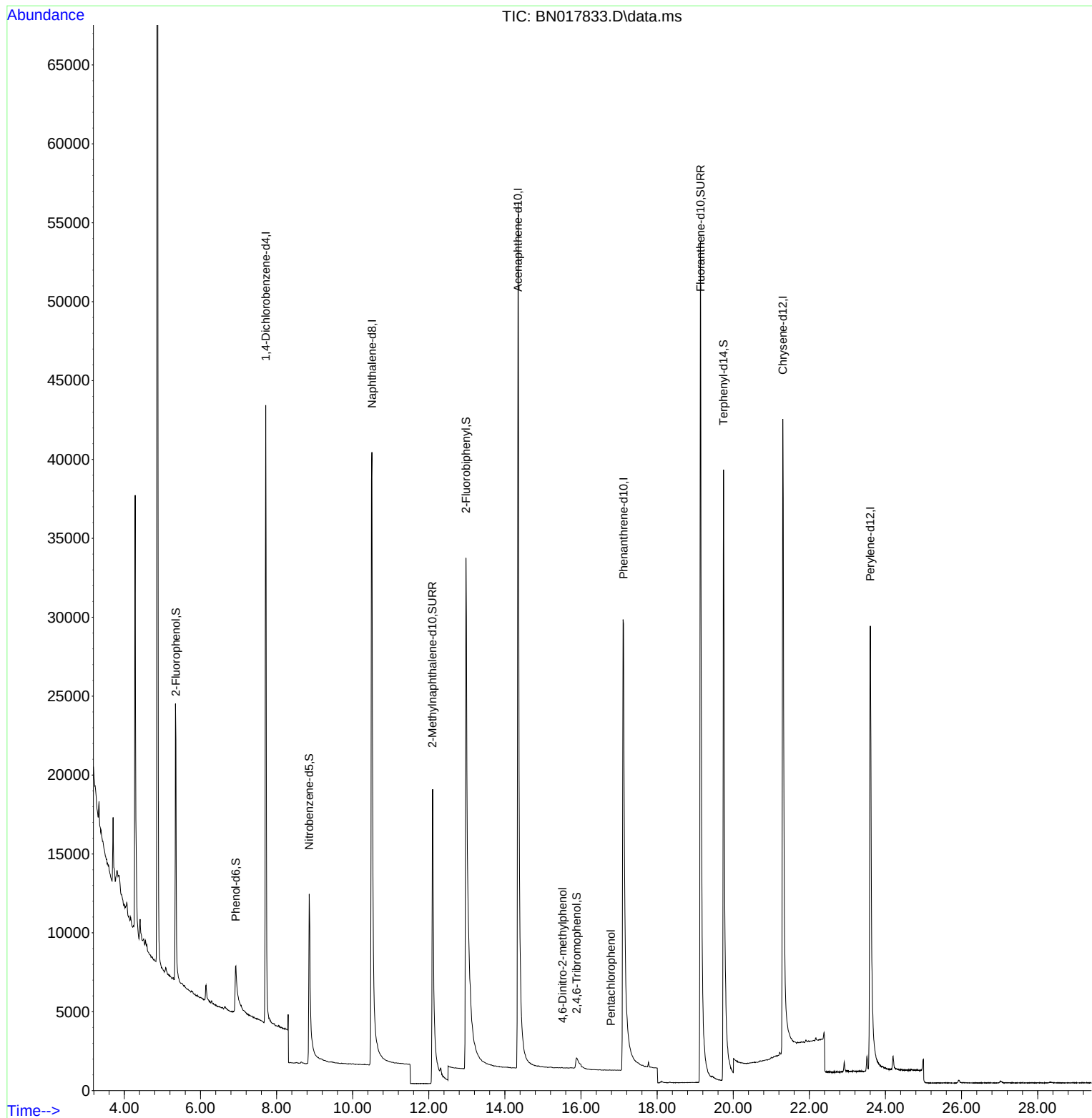
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.714	152	21688	0.400	ng	0.00
7) Naphthalene-d8	10.506	136	86995	0.400	ng	0.01
13) Acenaphthene-d10	14.347	164	54142	0.400	ng	0.00
19) Phenanthrene-d10	17.116	188	96247	0.400	ng	# 0.02
29) Chrysene-d12	21.303	240	81741	0.400	ng	0.02
35) Perylene-d12	23.602	264	61457	0.400	ng	0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.354	112	15007	0.286	ng	0.03
5) Phenol-d6	6.931	99	5038	0.102	ng	0.03
8) Nitrobenzene-d5	8.859	82	15751	0.272	ng	0.00
11) 2-Methylnaphthalene-d10	12.098	152	49695	0.286	ng	0.00
14) 2,4,6-Tribromophenol	15.882	330	1519	0.054	ng	0.04
15) 2-Fluorobiphenyl	12.977	172	51817	0.261	ng	0.01
27) Fluoranthene-d10	19.139	212	116899	0.363	ng	0.00
31) Terphenyl-d14	19.744	244	85291	0.486	ng	0.00
Target Compounds						Qvalue
20) 4,6-Dinitro-2-methylph...	15.514	198	8	0.089	ng	# 38
24) Pentachlorophenol	16.788	266	2	0.280	ng	# 1

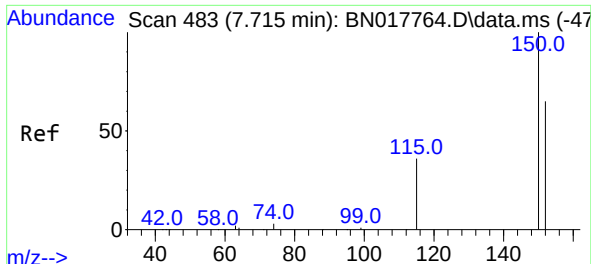
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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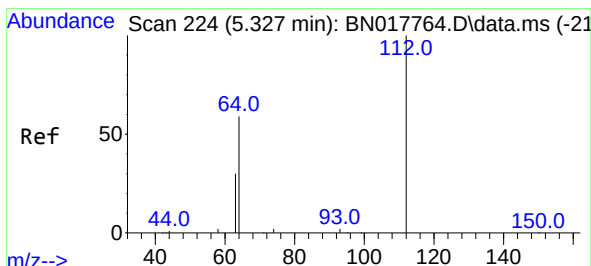
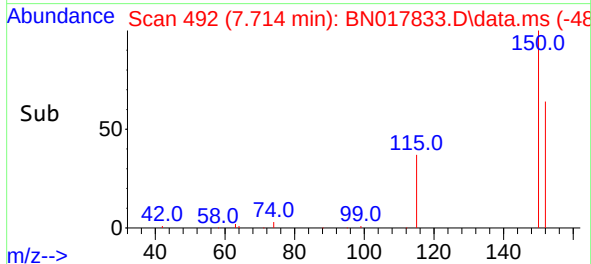
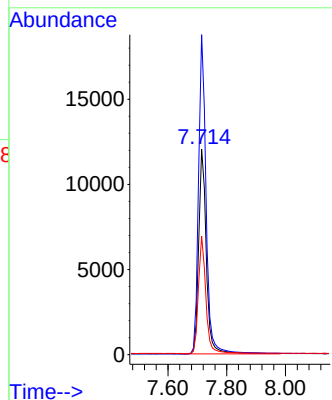
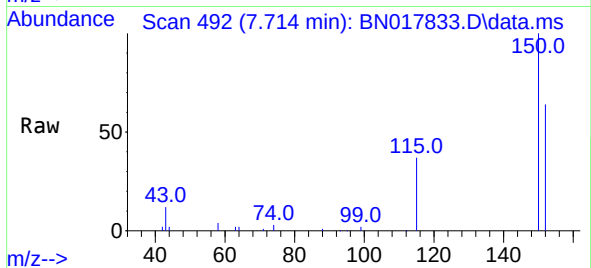




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.714 min Scan# 491
Delta R.T. -0.001 min
Lab File: BN017833.D
Acq: 09 Dec 2021 13:00

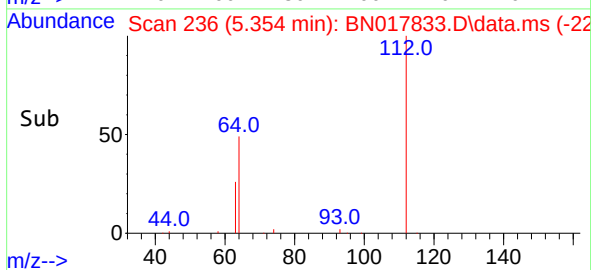
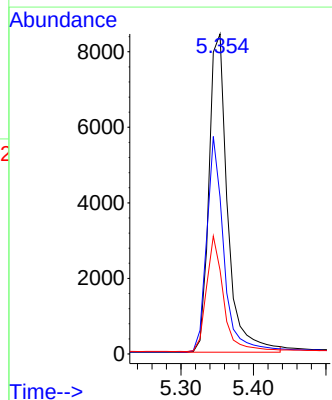
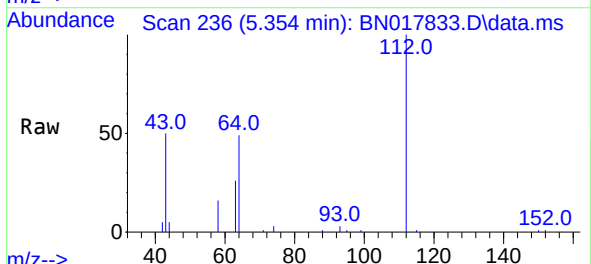
Instrument :
BNA_N
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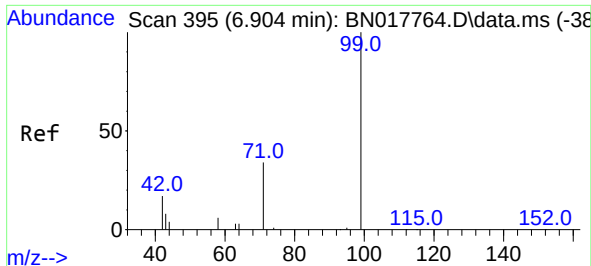
Tgt Ion:152 Resp: 21688
Ion Ratio Lower Upper
152 100
150 155.6 123.0 184.4
115 57.6 45.3 67.9



#4
2-Fluorophenol
Concen: 0.286 ng
RT: 5.354 min Scan# 236
Delta R.T. 0.027 min
Lab File: BN017833.D
Acq: 09 Dec 2021 13:00

Tgt Ion:112 Resp: 15007
Ion Ratio Lower Upper
112 100
64 62.0 49.3 73.9
63 33.3 25.8 38.8

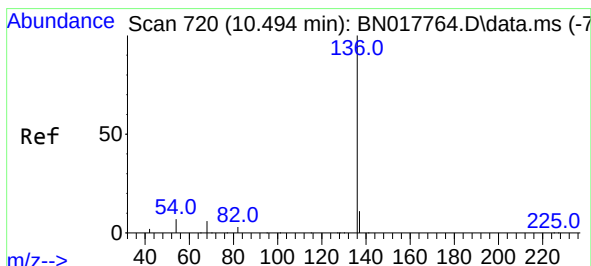
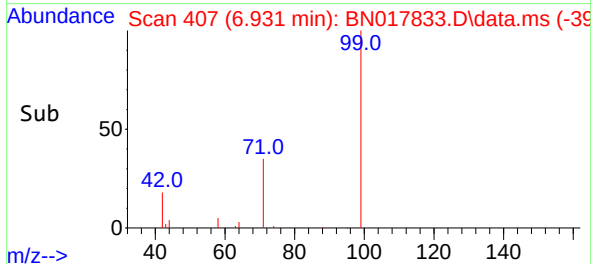
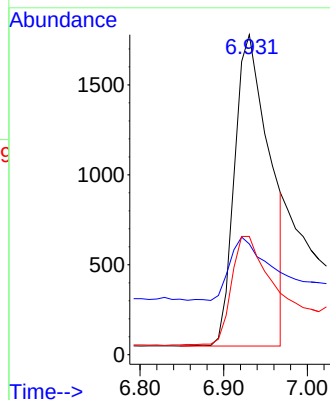
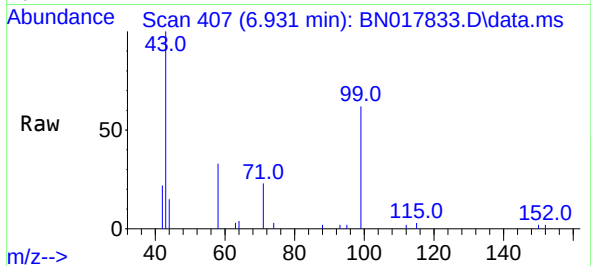




#5
Phenol-d6
Concen: 0.102 ng
RT: 6.931 min Scan# 40
Delta R.T. 0.027 min
Lab File: BN017833.D
Acq: 09 Dec 2021 13:00

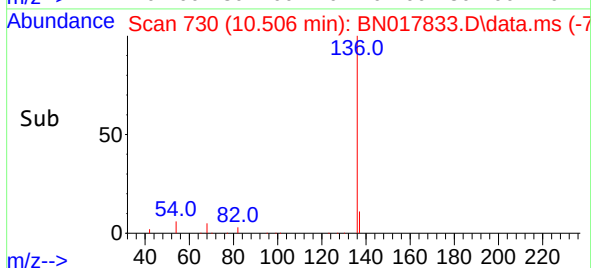
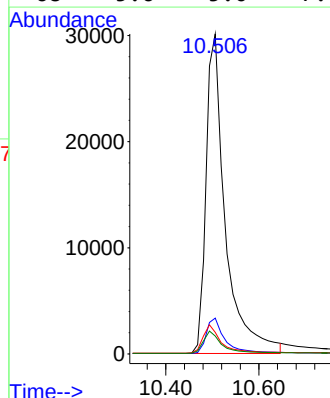
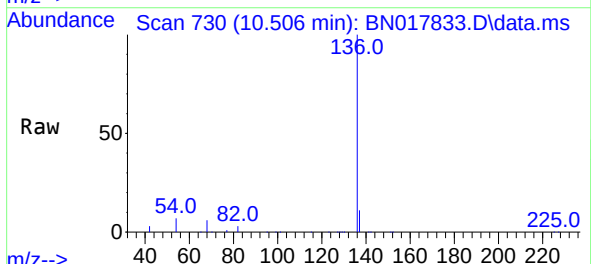
Instrument :
BNA_N
ClientSampleId :
SP5773

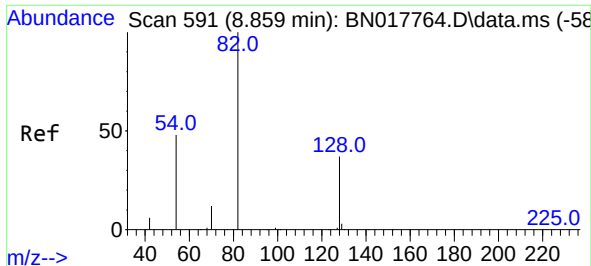
Tgt Ion: 99 Resp: 5038
Ion Ratio Lower Upper
99 100
42 20.6 16.6 25.0
71 37.6 29.0 43.4



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.506 min Scan# 730
Delta R.T. 0.012 min
Lab File: BN017833.D
Acq: 09 Dec 2021 13:00

Tgt Ion:136 Resp: 86995
Ion Ratio Lower Upper
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137 11.2 8.8 13.2
54 6.7 5.9 8.9
68 5.6 5.0 7.6

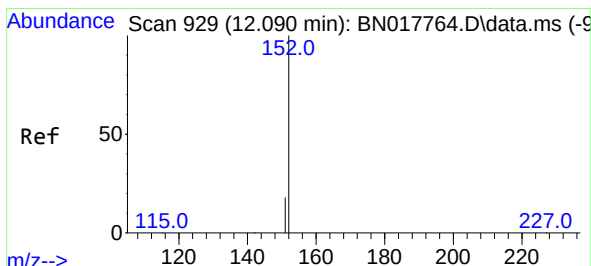
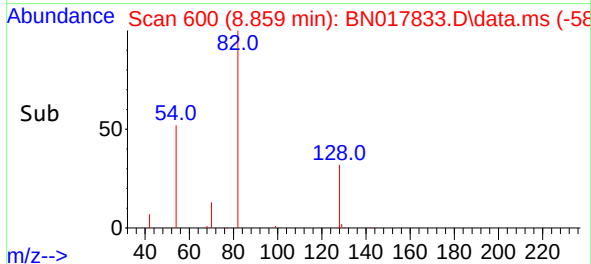
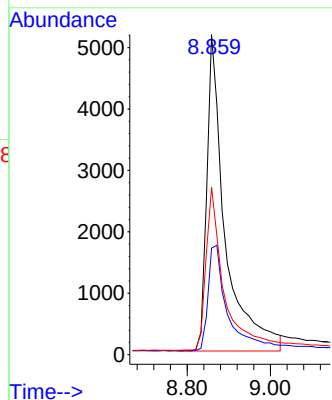
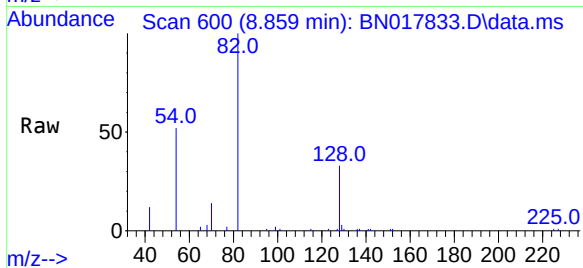




#8
Nitrobenzene-d5
Concen: 0.272 ng
RT: 8.859 min Scan# 60
Delta R.T. -0.001 min
Lab File: BN017833.D
Acq: 09 Dec 2021 13:00

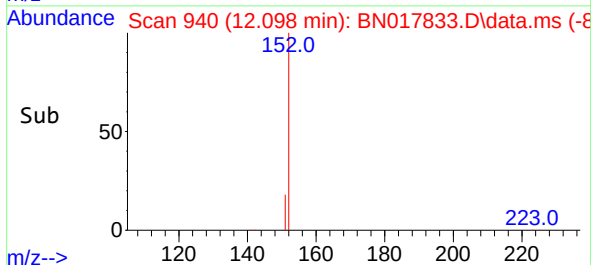
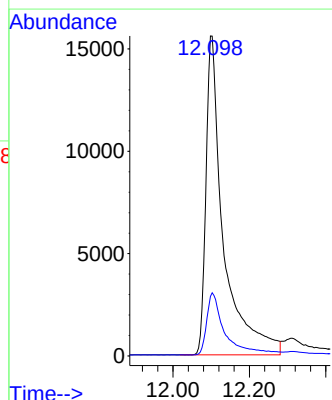
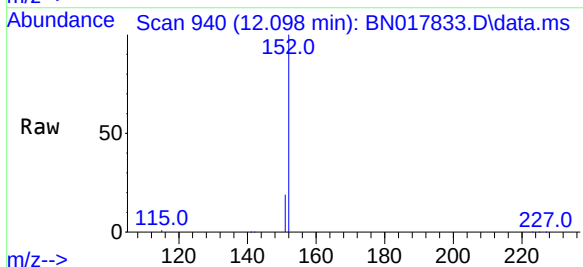
Instrument :
BNA_N
ClientSampleId :
SP5773

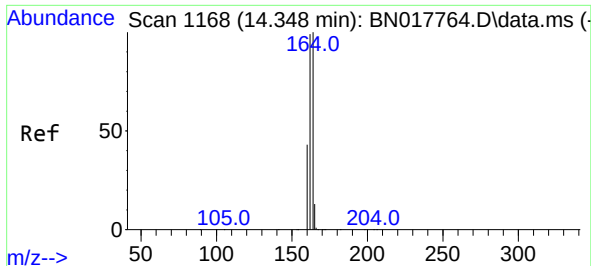
Tgt Ion: 82 Resp: 15751
Ion Ratio Lower Upper
82 100
128 33.3 30.2 45.2
54 52.3 39.0 58.6



#11
2-Methylnaphthalene-d10
Concen: 0.286 ng
RT: 12.098 min Scan# 940
Delta R.T. 0.008 min
Lab File: BN017833.D
Acq: 09 Dec 2021 13:00

Tgt Ion: 152 Resp: 49695
Ion Ratio Lower Upper
152 100
151 20.5 16.4 24.6

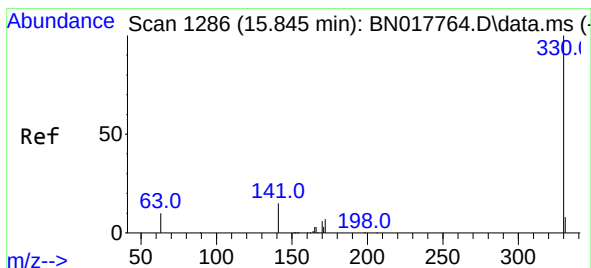
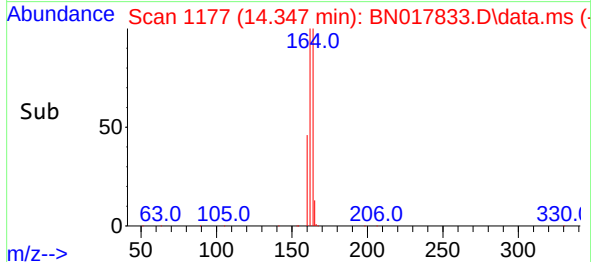
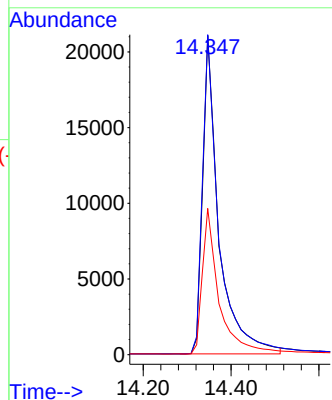
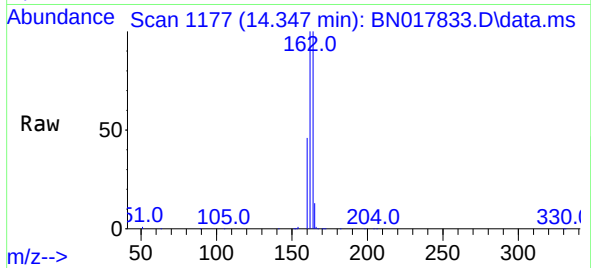




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.347 min Scan# 1168
Delta R.T. -0.001 min
Lab File: BN017833.D
Acq: 09 Dec 2021 13:00

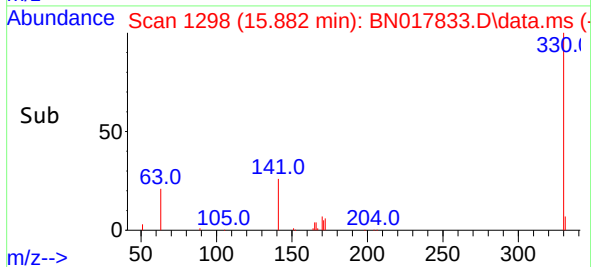
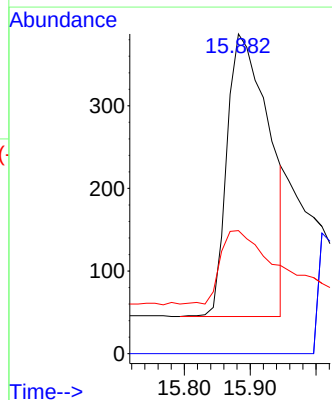
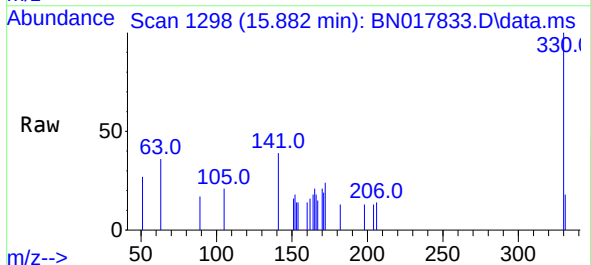
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BNA_N
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SP5773

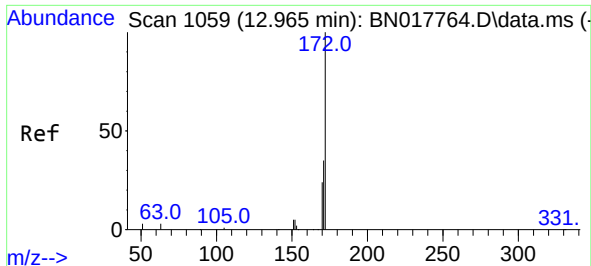
Tgt Ion:164 Resp: 54142
Ion Ratio Lower Upper
164 100
162 100.2 79.0 118.6
160 45.8 34.6 52.0



#14
2,4,6-Tribromophenol
Concen: 0.054 ng
RT: 15.882 min Scan# 1298
Delta R.T. 0.037 min
Lab File: BN017833.D
Acq: 09 Dec 2021 13:00

Tgt Ion:330 Resp: 1519
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 29.0 21.5 32.3

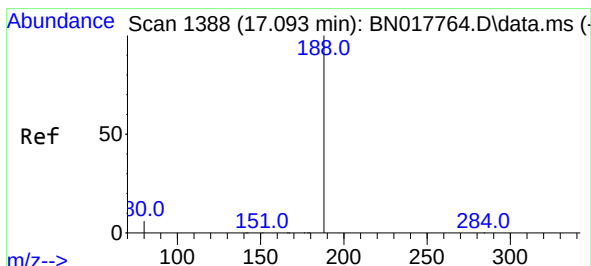
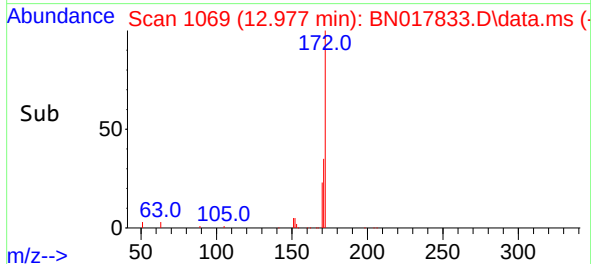
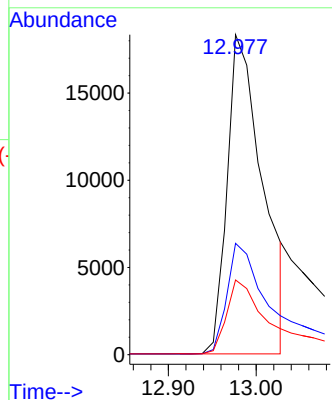
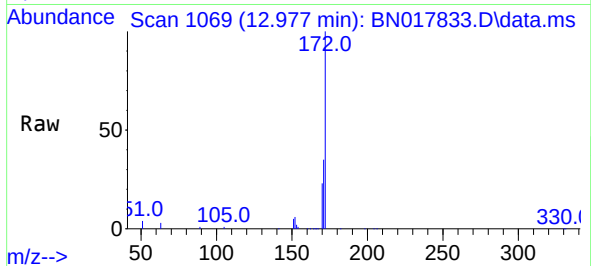




#15
2-Fluorobiphenyl
Concen: 0.261 ng
RT: 12.977 min Scan# 1059
Delta R.T. 0.012 min
Lab File: BN017833.D
Acq: 09 Dec 2021 13:00

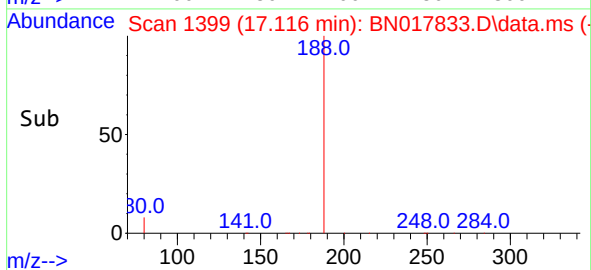
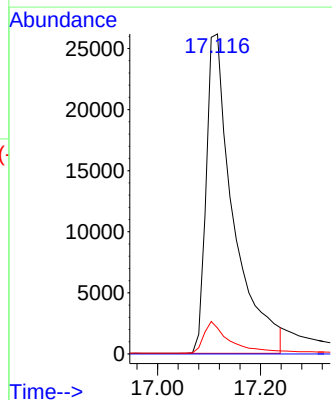
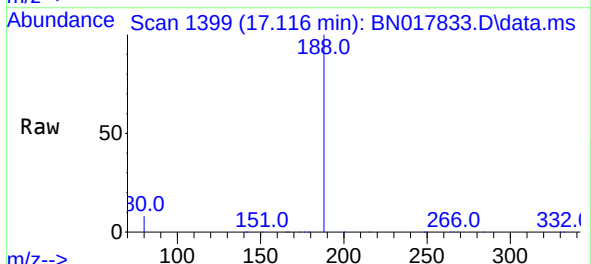
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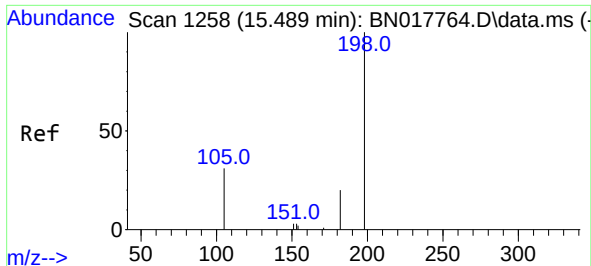
Tgt Ion:172 Resp: 51817
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 23.4 18.9 28.3



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.116 min Scan# 1399
Delta R.T. 0.024 min
Lab File: BN017833.D
Acq: 09 Dec 2021 13:00

Tgt Ion:188 Resp: 96247
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.1 5.1 7.7#

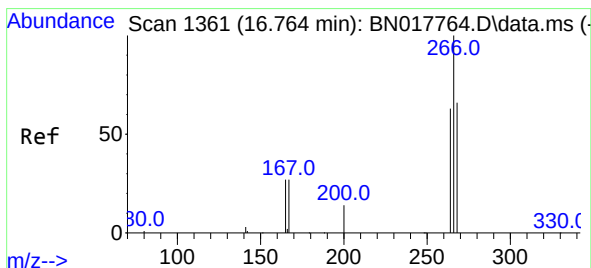
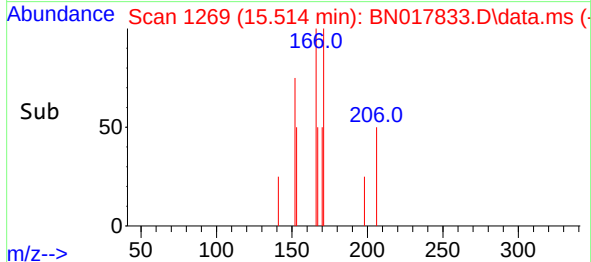
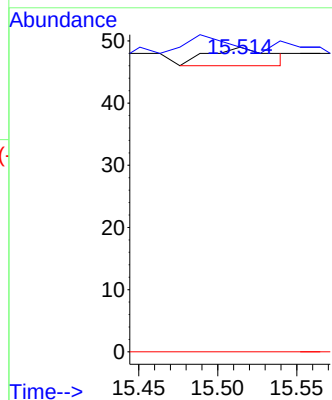
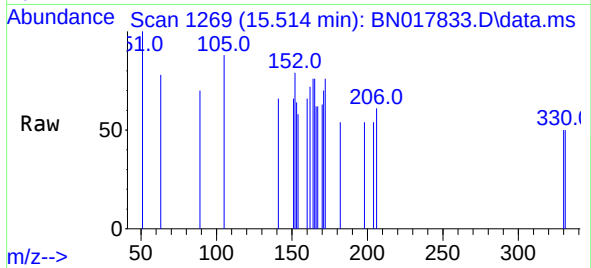




#20
4,6-Dinitro-2-methylphenol
Concen: 0.089 ng
RT: 15.514 min Scan# 11
Delta R.T. 0.025 min
Lab File: BN017833.D
Acq: 09 Dec 2021 13:00

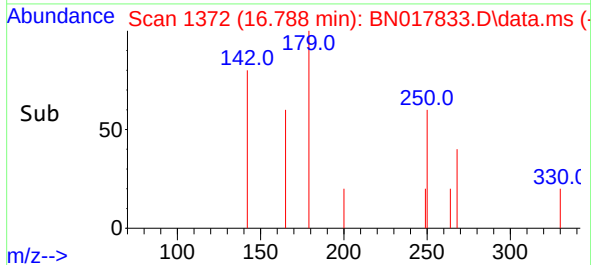
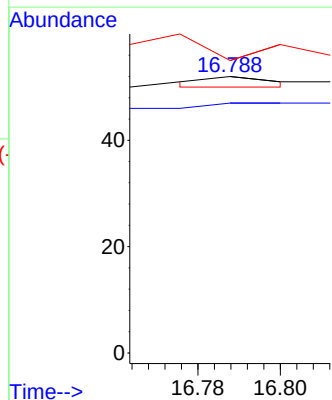
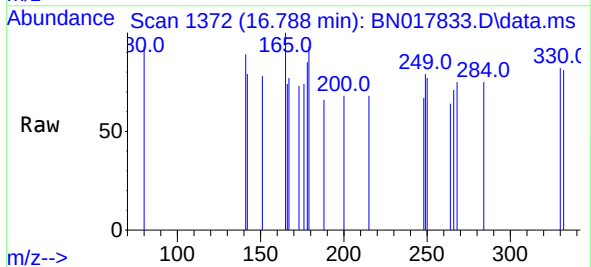
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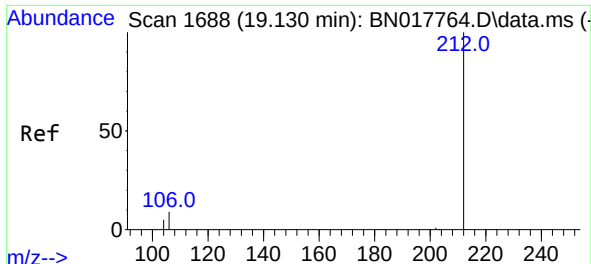
Tgt Ion:198 Resp: 8
Ion Ratio Lower Upper
198 100
182 100.0 44.2 66.2#
77 0.0 0.0 0.0



#24
Pentachlorophenol
Concen: 0.280 ng
RT: 16.788 min Scan# 1372
Delta R.T. 0.024 min
Lab File: BN017833.D
Acq: 09 Dec 2021 13:00

Tgt Ion:266 Resp: 2
Ion Ratio Lower Upper
266 100
264 100.0 50.8 76.2#
268 400.0 51.8 77.6#

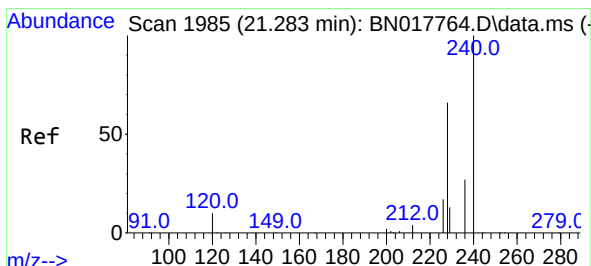
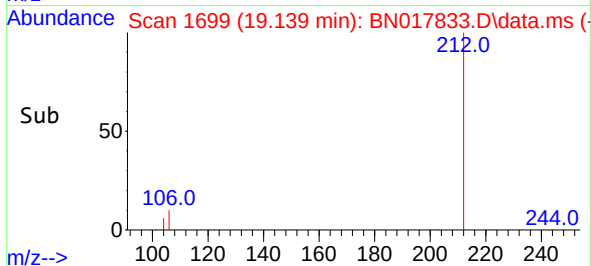
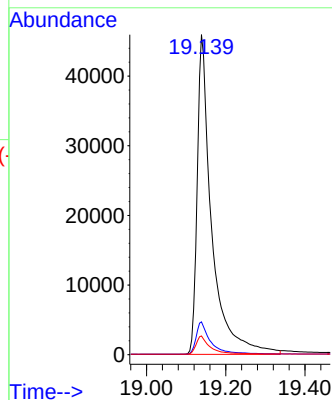
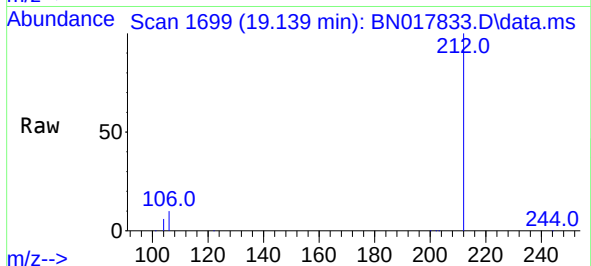




#27
Fluoranthene-d10
Concen: 0.363 ng
RT: 19.139 min Scan# 10
Delta R.T. 0.009 min
Lab File: BN017833.D
Acq: 09 Dec 2021 13:00

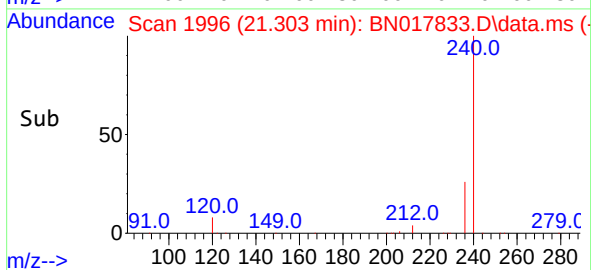
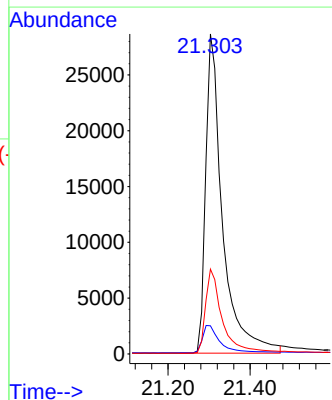
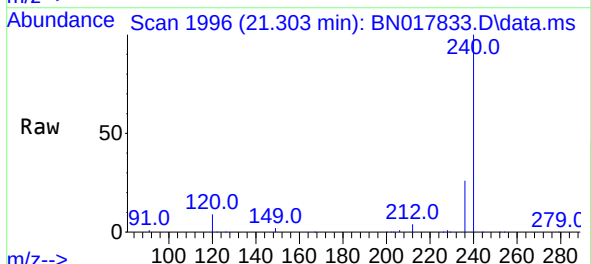
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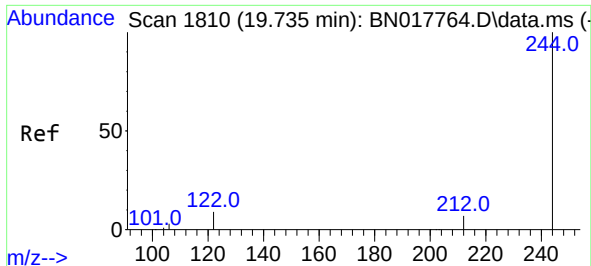
Tgt Ion:212 Resp: 116899
Ion Ratio Lower Upper
212 100
106 10.3 8.2 12.2
104 5.6 4.6 6.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.303 min Scan# 1996
Delta R.T. 0.021 min
Lab File: BN017833.D
Acq: 09 Dec 2021 13:00

Tgt Ion:240 Resp: 81741
Ion Ratio Lower Upper
240 100
120 8.8 7.9 11.9
236 26.5 21.4 32.2

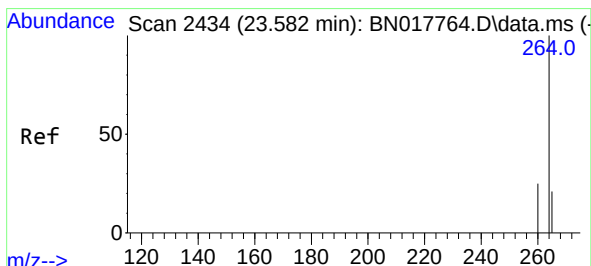
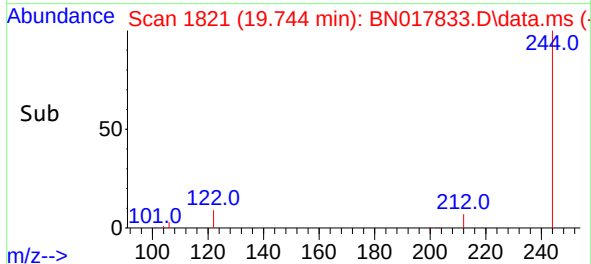
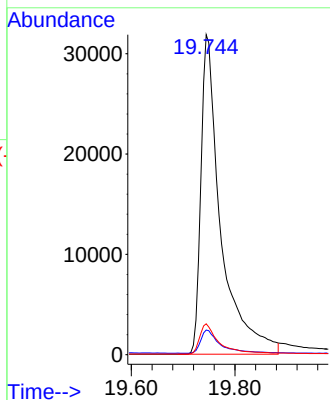
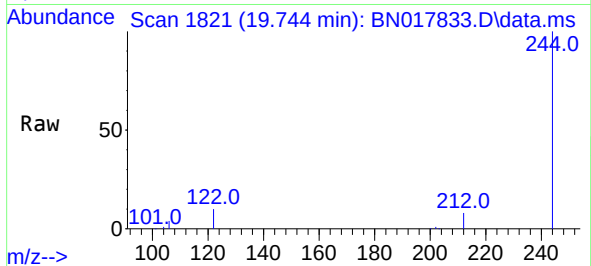




#31
Terphenyl-d14
Concen: 0.486 ng
RT: 19.744 min Scan# 1810
Delta R.T. 0.009 min
Lab File: BN017833.D
Acq: 09 Dec 2021 13:00

Instrument :
BNA_N
ClientSampleId :
SP5773

Tgt Ion:244 Resp: 85291
Ion Ratio Lower Upper
244 100
212 7.7 5.8 8.8
122 9.6 7.1 10.7



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.602 min Scan# 2449
Delta R.T. 0.020 min
Lab File: BN017833.D
Acq: 09 Dec 2021 13:00

Tgt Ion:264 Resp: 61457
Ion Ratio Lower Upper
264 100
260 25.2 20.0 30.0
265 23.9 20.5 30.7

