

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031921\
 Data File : BN013990.D
 Acq On : 18 Mar 2021 19:54
 Operator : CG/JU
 Sample : SP5507
 Misc : 8270 SIM SURROGATE
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP5507

Quant Time: Mar 19 01:50:13 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 18 15:58:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.708	152	6980	0.40	ng	0.00
7) Naphthalene-d8	10.492	136	26411	0.40	ng	# 0.00
13) Acenaphthene-d10	14.346	164	13172	0.40	ng	0.00
19) Phenanthrene-d10	17.092	188	25992	0.40	ng	# 0.00
29) Chrysene-d12	21.271	240	22178	0.40	ng	# 0.00
36) Perylene-d12	23.500	264	19176	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	5447	0.29	ng	0.00
5) Phenol-d6	6.871	99	6475	0.26	ng	0.00
8) Nitrobenzene-d5	8.845	82	6267	0.37	ng	-0.01
11) 2-Methylnaphthalene-d10	12.080	152	13570	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.831	330	898	0.17	ng	0.00
15) 2-Fluorobiphenyl	12.963	172	19024	0.41	ng	0.00
27) Fluoranthene-d10	19.119	212	23002	0.30	ng	0.00
31) Terphenyl-d14	19.720	244	19746	0.40	ng	0.00

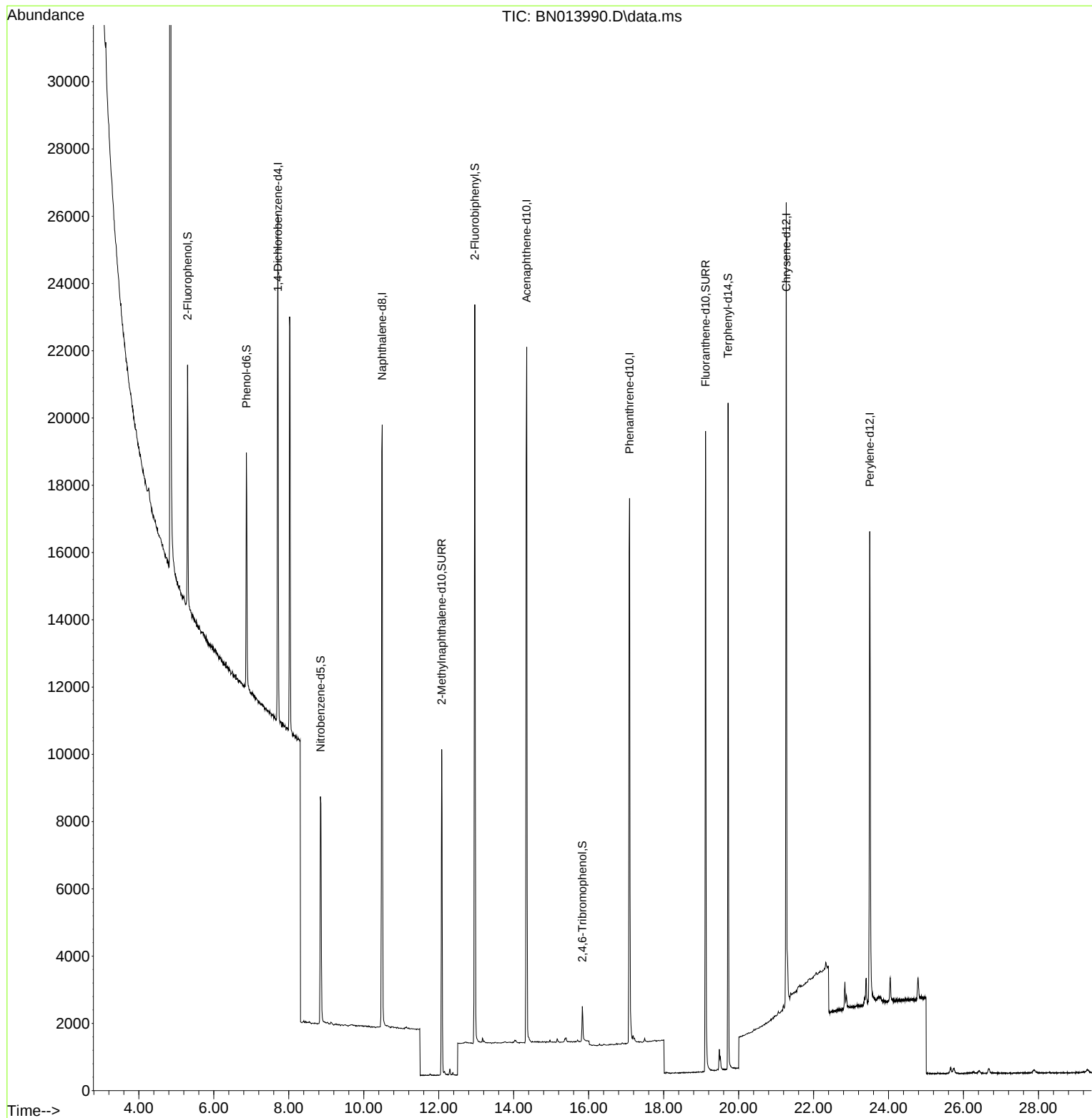
Target Compounds	Qvalue

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

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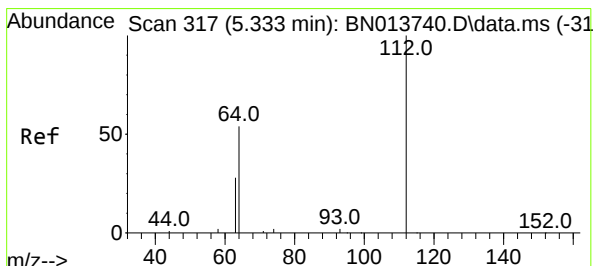
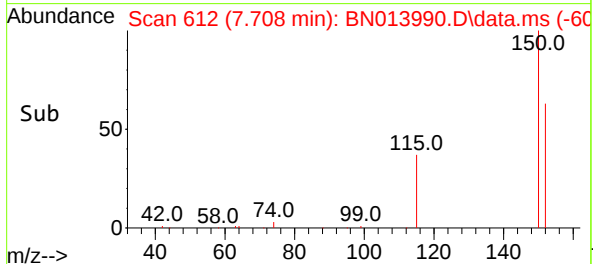
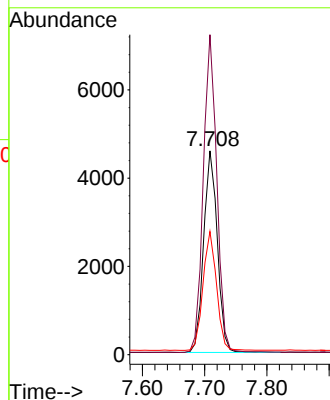
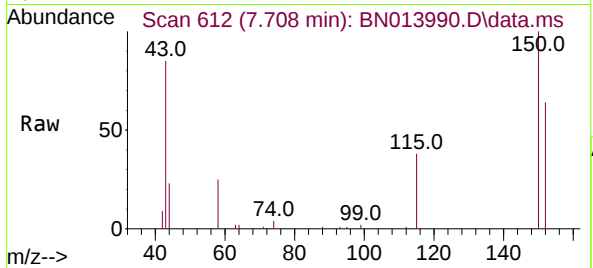




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.708 min Scan# 612
Delta R.T. 0.000 min
Lab File: BN013990.D
Acq: 18 Mar 2021 19:54

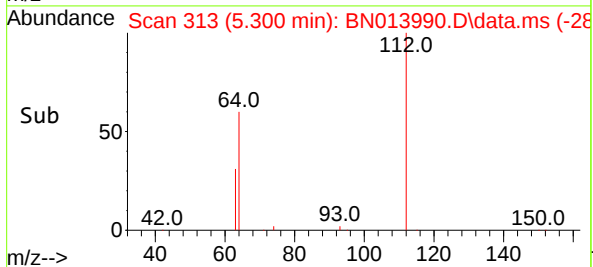
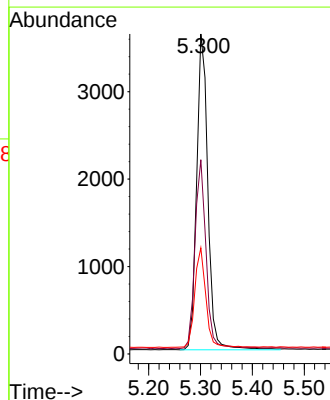
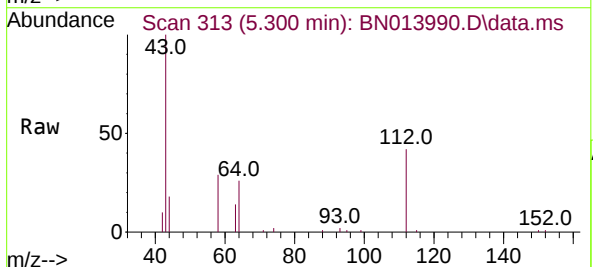
Instrument :
BNA_N
ClientSampled :
SP5507

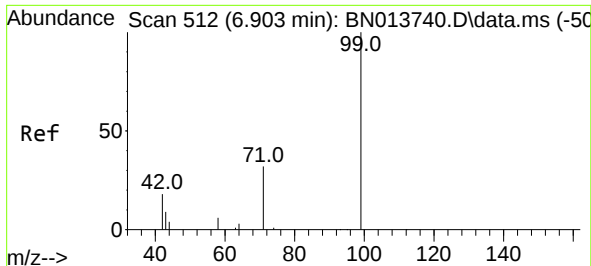
Tgt Ion:152 Resp: 6980
Ion Ratio Lower Upper
152 100
150 157.0 121.8 182.8
115 60.4 46.6 69.8



#4
2-Fluorophenol
Concen: 0.29 ng
RT: 5.300 min Scan# 313
Delta R.T. 0.000 min
Lab File: BN013990.D
Acq: 18 Mar 2021 19:54

Tgt Ion:112 Resp: 5447
Ion Ratio Lower Upper
112 100
64 59.2 44.3 66.5
63 31.2 23.0 34.6

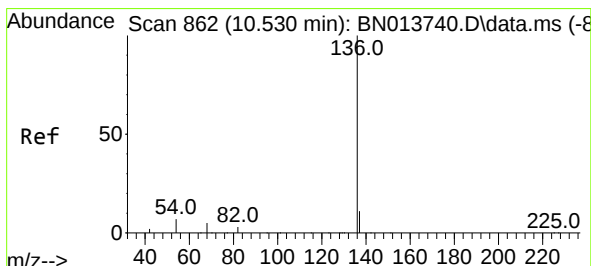
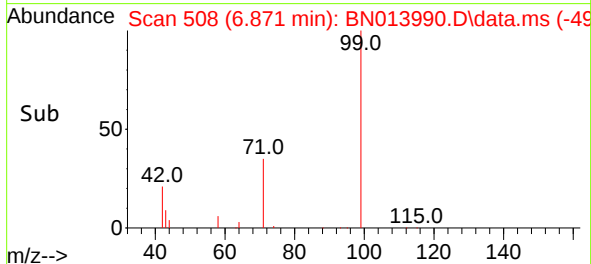
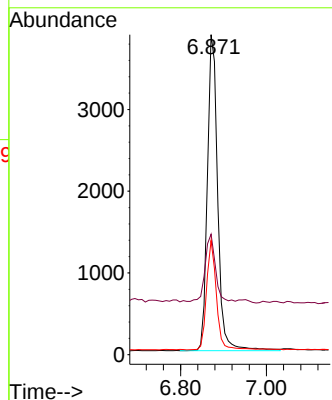
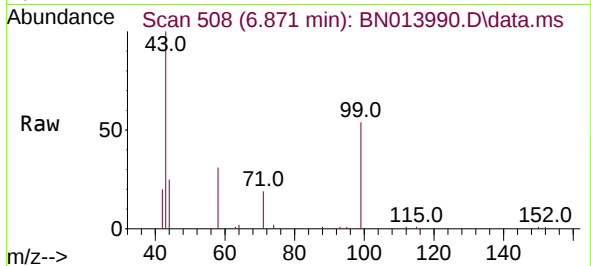




#5
Phenol-d6
Concen: 0.26 ng
RT: 6.871 min Scan# 508
Delta R.T. 0.000 min
Lab File: BN013990.D
Acq: 18 Mar 2021 19:54

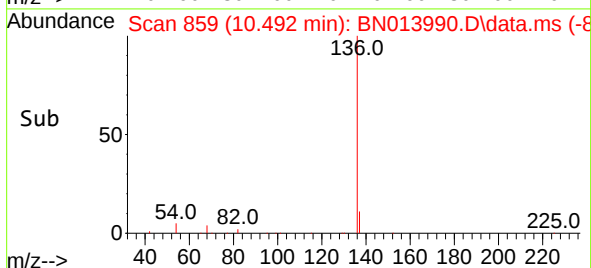
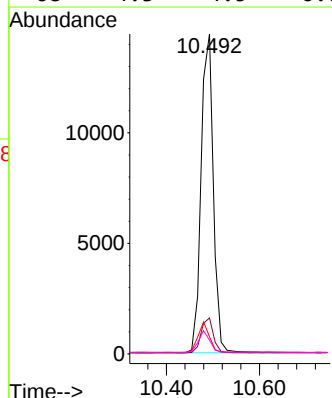
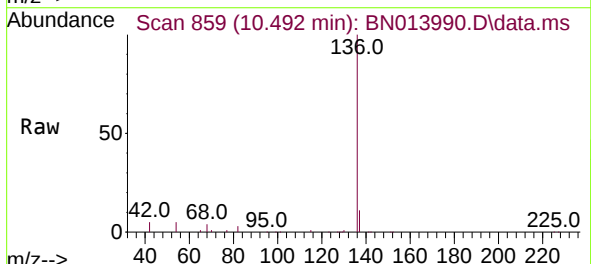
Instrument :
BNA_N
ClientSampleId :
SP5507

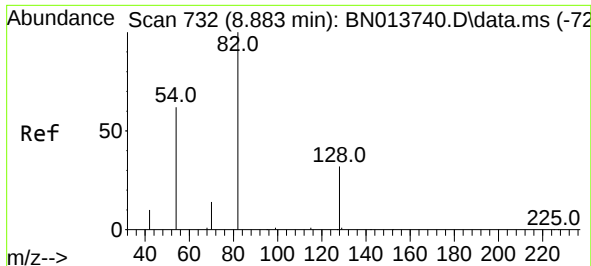
Tgt Ion:	99	Resp:	6475
Ion	Ratio	Lower	Upper
99	100		
42	21.1	15.2	22.8
71	32.8	26.1	39.1



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.492 min Scan# 859
Delta R.T. 0.000 min
Lab File: BN013990.D
Acq: 18 Mar 2021 19:54

Tgt Ion:	136	Resp:	26411
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	5.4	6.4	9.6#
68	4.3	4.5	6.7#

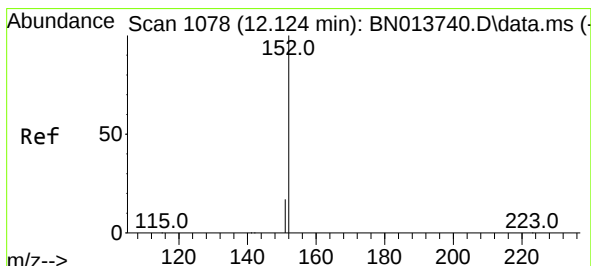
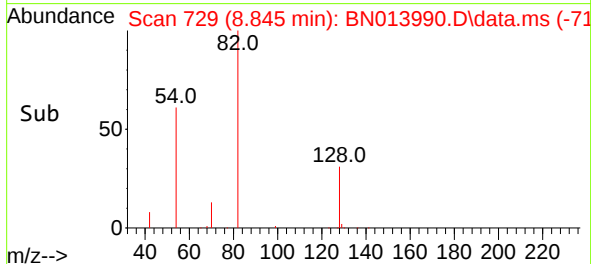
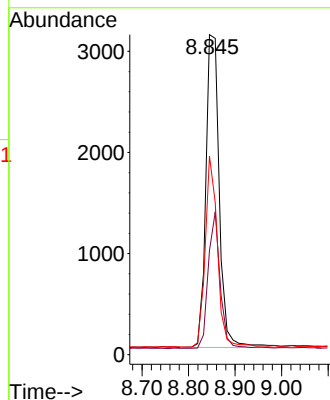
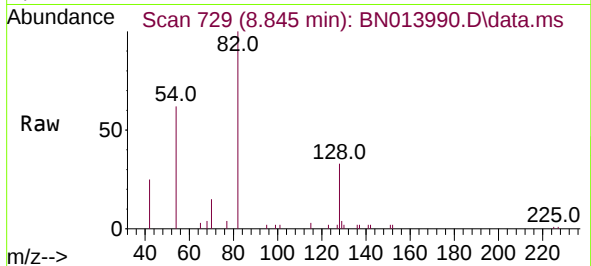




#8
Nitrobenzene-d5
Concen: 0.37 ng
RT: 8.845 min Scan# 729
Delta R.T. -0.013 min
Lab File: BN013990.D
Acq: 18 Mar 2021 19:54

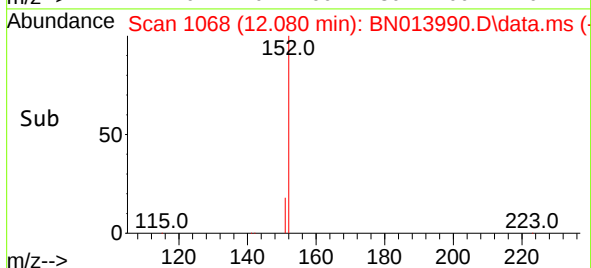
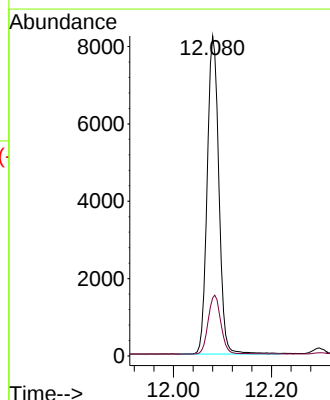
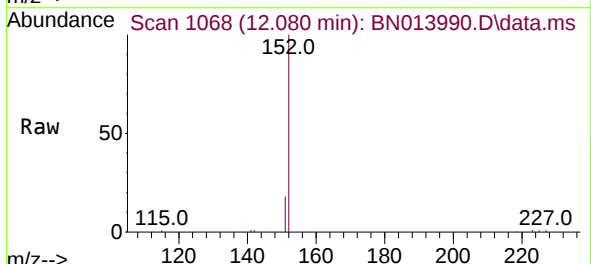
Instrument :
BNA_N
ClientSampleId :
SP5507

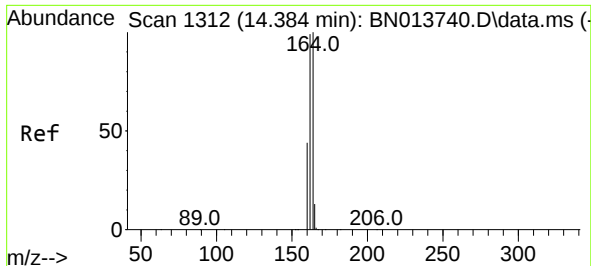
Tgt Ion: 82 Resp: 6267
Ion Ratio Lower Upper
82 100
128 32.5 39.2 58.8#
54 62.1 40.1 60.1#



#11
2-Methylnaphthalene-d10
Concen: 0.32 ng
RT: 12.080 min Scan# 1068
Delta R.T. 0.000 min
Lab File: BN013990.D
Acq: 18 Mar 2021 19:54

Tgt Ion: 152 Resp: 13570
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2

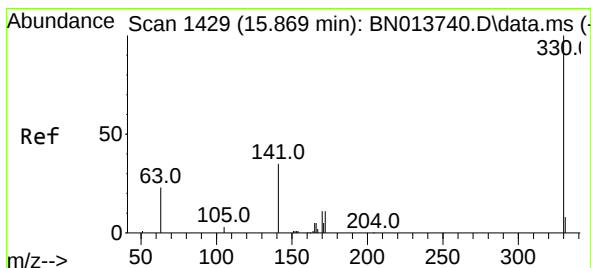
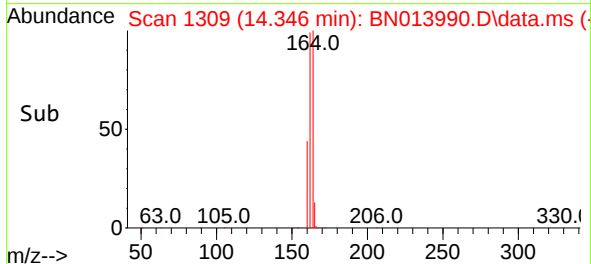
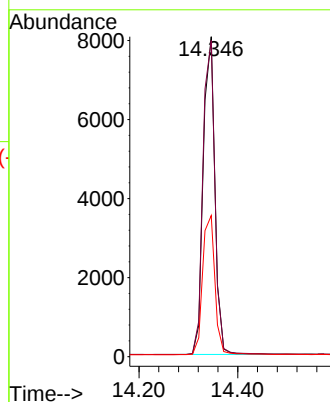
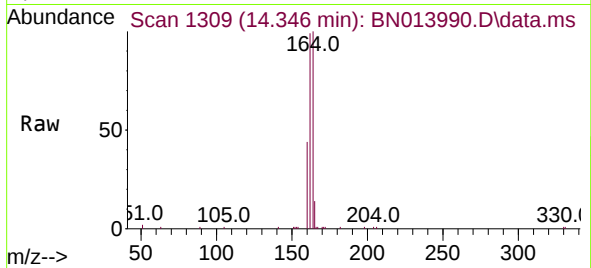




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.346 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BN013990.D
Acq: 18 Mar 2021 19:54

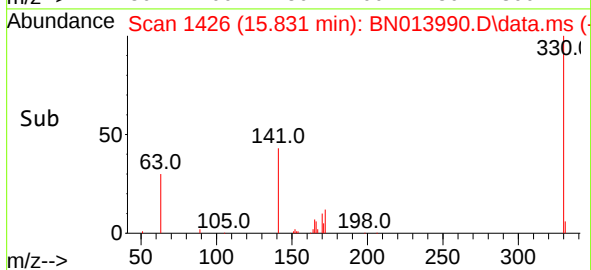
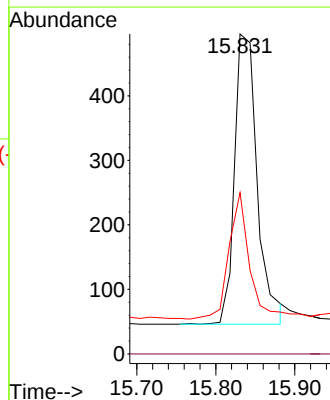
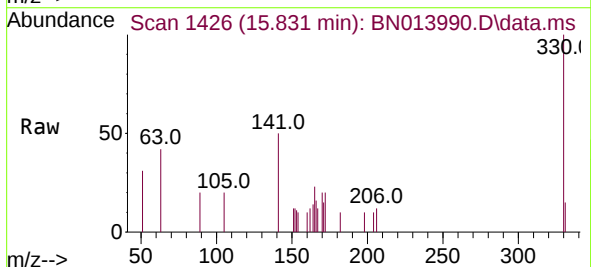
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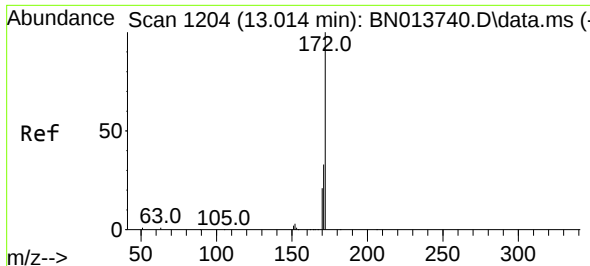
Tgt Ion:164 Resp: 13172
Ion Ratio Lower Upper
164 100
162 98.8 79.6 119.4
160 44.1 36.0 54.0



#14
2,4,6-Tribromophenol
Concen: 0.17 ng
RT: 15.831 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BN013990.D
Acq: 18 Mar 2021 19:54

Tgt Ion:330 Resp: 898
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 38.9 26.8 40.2

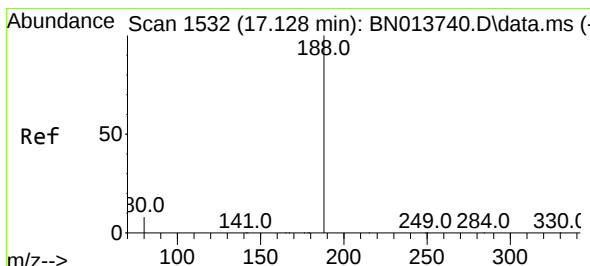
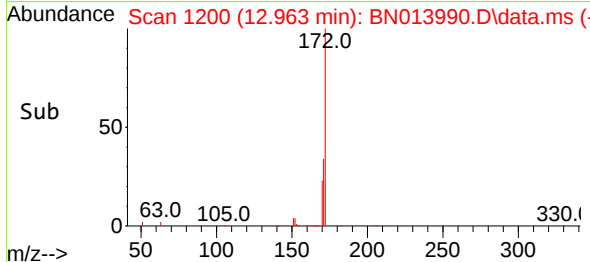
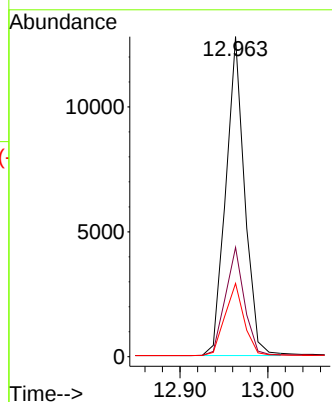
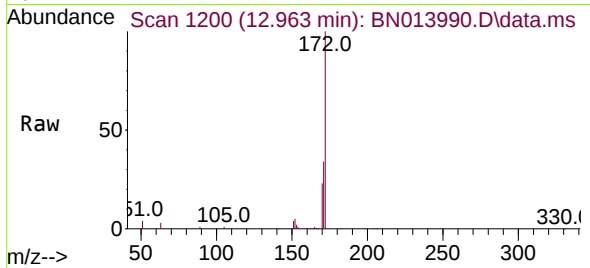




#15
2-Fluorobiphenyl
Concen: 0.41 ng
RT: 12.963 min Scan# 1200
Delta R.T. 0.000 min
Lab File: BN013990.D
Acq: 18 Mar 2021 19:54

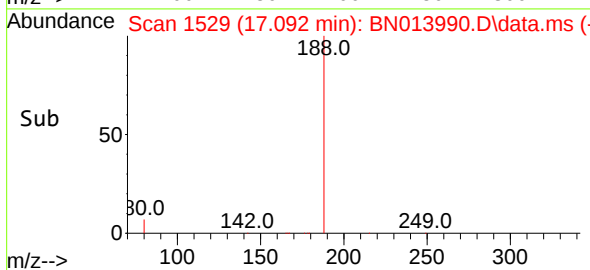
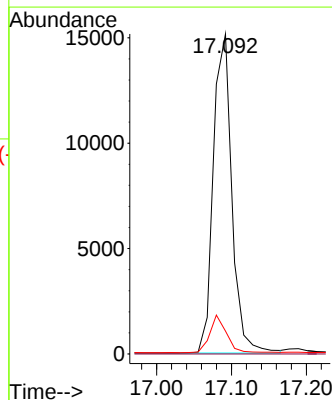
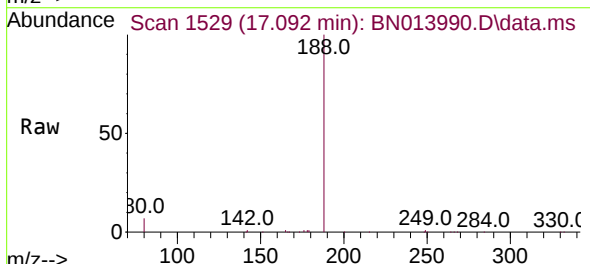
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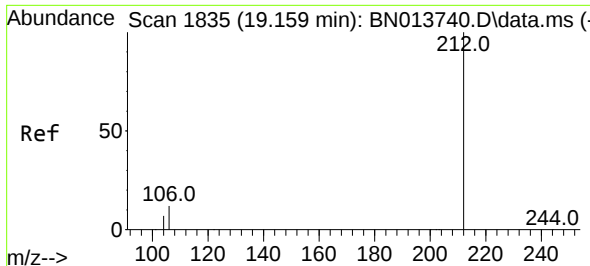
Tgt Ion:	172	Resp:	19024
Ion Ratio	Lower	Upper	
172	100		
171	34.2	28.6	42.8
170	22.9	18.9	28.3



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.092 min Scan# 1529
Delta R.T. 0.000 min
Lab File: BN013990.D
Acq: 18 Mar 2021 19:54

Tgt Ion:	188	Resp:	25992
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	7.2	9.0	13.6

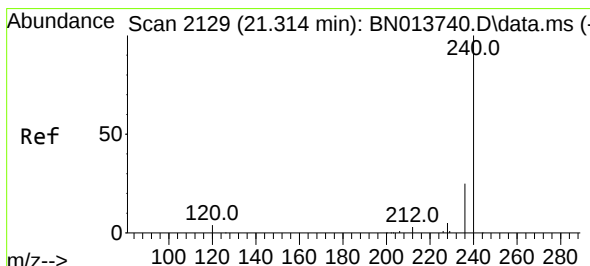
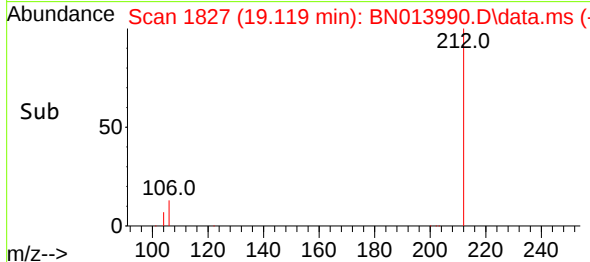
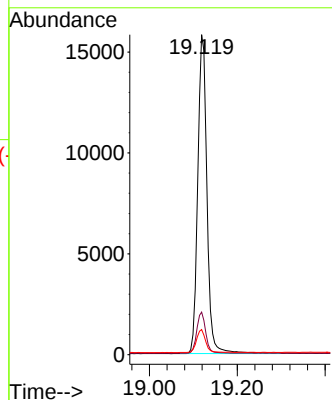
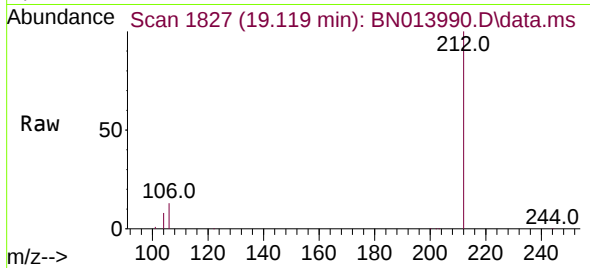




#27
Fluoranthene-d10
Concen: 0.30 ng
RT: 19.119 min Scan# 1827
Delta R.T. 0.000 min
Lab File: BN013990.D
Acq: 18 Mar 2021 19:54

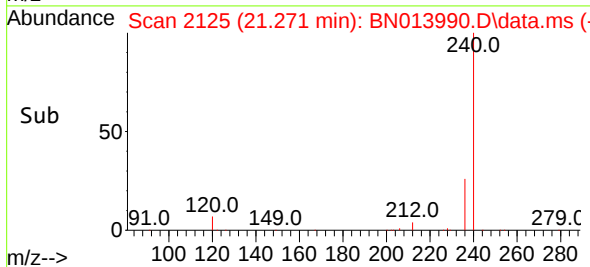
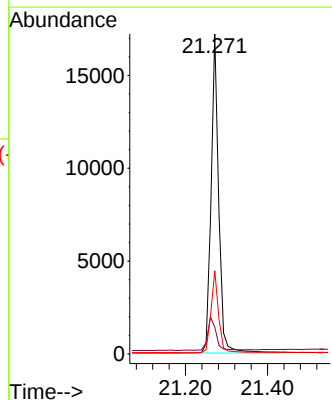
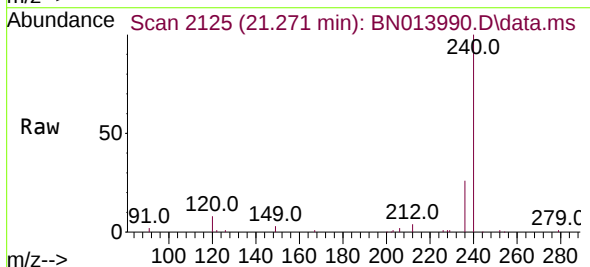
Instrument :
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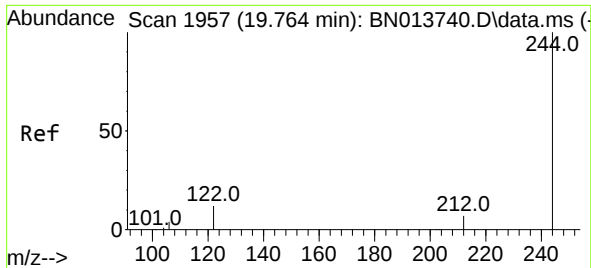
Tgt Ion:212 Resp: 23002
Ion Ratio Lower Upper
212 100
106 12.5 9.7 14.5
104 7.2 5.5 8.3



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.271 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BN013990.D
Acq: 18 Mar 2021 19:54

Tgt Ion:240 Resp: 22178
Ion Ratio Lower Upper
240 100
120 8.4 10.2 15.4#
236 26.0 21.3 31.9

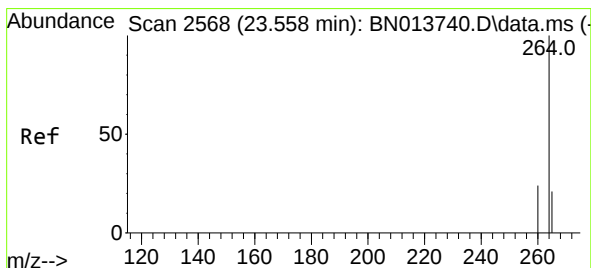
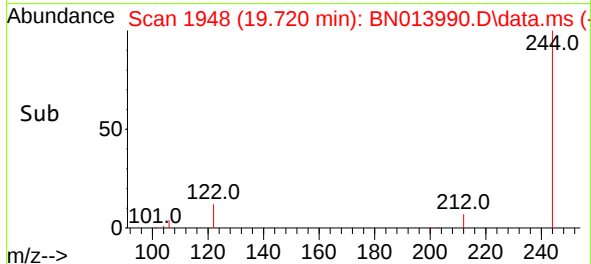
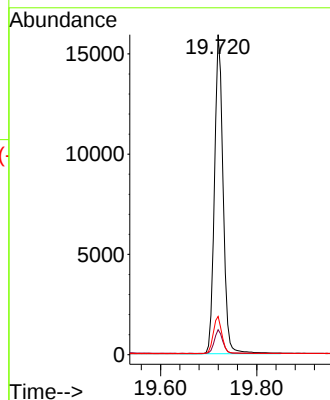
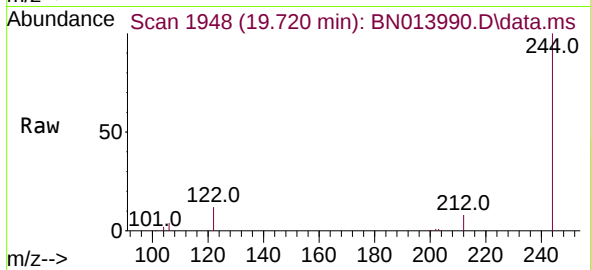




#31
 Terphenyl-d14
 Concen: 0.40 ng
 RT: 19.720 min Scan# 1948
 Delta R.T. 0.000 min
 Lab File: BN013990.D
 Acq: 18 Mar 2021 19:54

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Tgt Ion:244 Resp: 19746
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.1 9.1
 122 12.0 9.8 14.8



#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.500 min Scan# 2551
 Delta R.T. 0.000 min
 Lab File: BN013990.D
 Acq: 18 Mar 2021 19:54

Tgt Ion:264 Resp: 19176
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.3 28.9
 265 35.1 66.2 99.4#

