

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121021\
 Data File : BN017871.D
 Acq On : 10 Dec 2021 15:13
 Operator : CG/JU
 Sample : PB141233BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB141233BL

Quant Time: Dec 11 01:47:48 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)

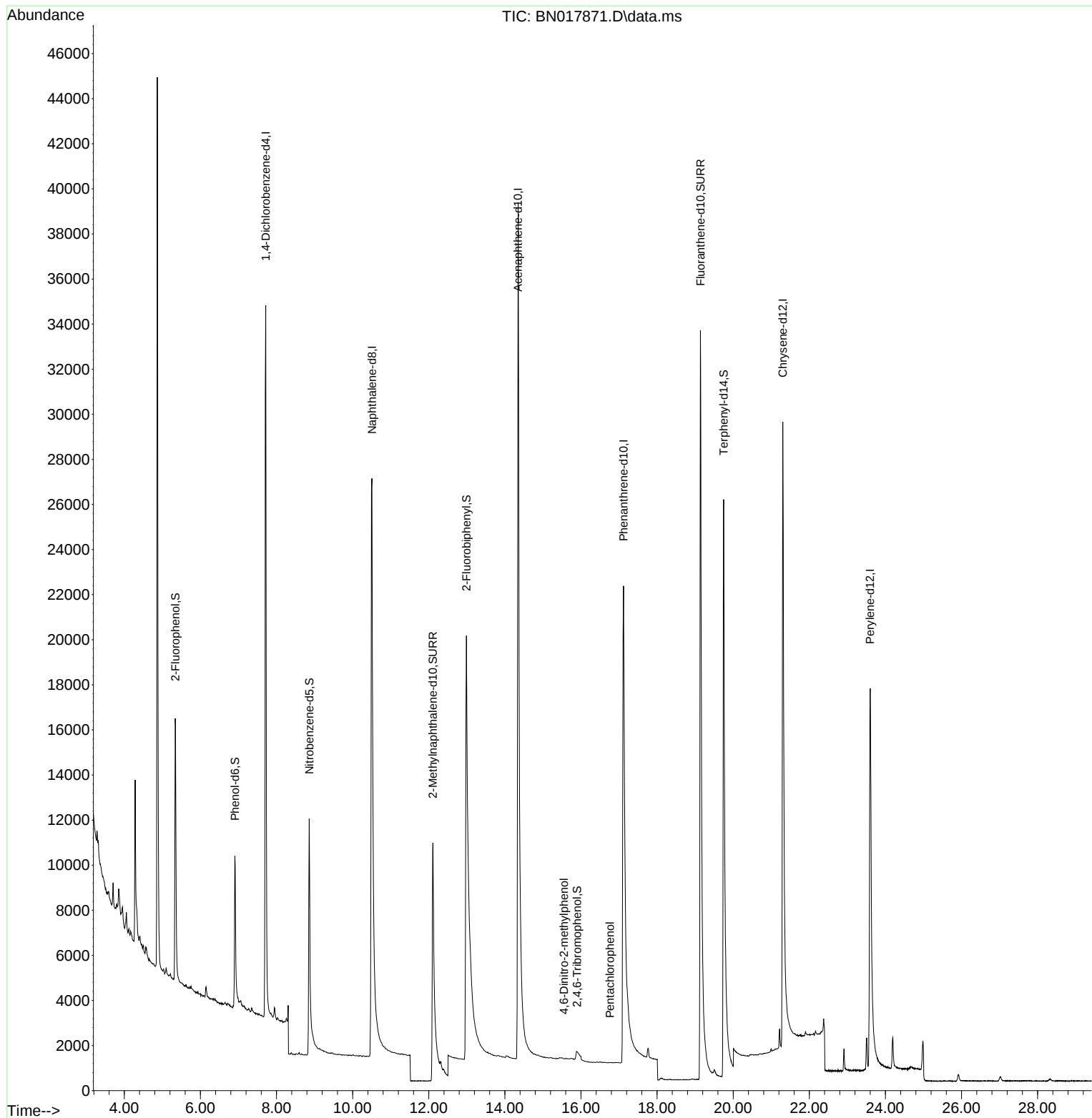
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	19645	0.400	ng	0.00
7) Naphthalene-d8	10.507	136	70102	0.400	ng	0.01
13) Acenaphthene-d10	14.347	164	44286	0.400	ng	0.00
19) Phenanthrene-d10	17.117	188	77255	0.400	ng	# 0.02
29) Chrysene-d12	21.304	240	58869	0.400	ng	0.02
35) Perylene-d12	23.599	264	41358	0.400	ng	0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.345	112	11724	0.247	ng	0.02
5) Phenol-d6	6.912	99	8176	0.182	ng	0.00
8) Nitrobenzene-d5	8.859	82	13559	0.291	ng	0.00
11) 2-Methylnaphthalene-d10	12.107	152	34820	0.249	ng	0.02
14) 2,4,6-Tribromophenol	15.895	330	776	0.034	ng	0.05
15) 2-Fluorobiphenyl	12.990	172	32793	0.202	ng	0.02
27) Fluoranthene-d10	19.139	212	85390	0.331	ng	0.00
31) Terphenyl-d14	19.750	244	64577	0.511	ng	0.01
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.552	198	8	0.091	ng	# 41
24) Pentachlorophenol	16.764	266	8	0.280	ng	# 18

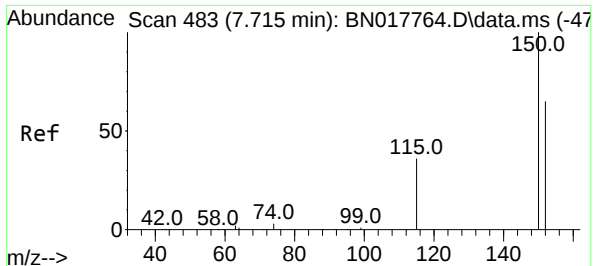
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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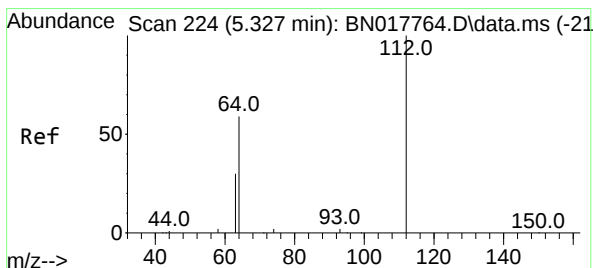
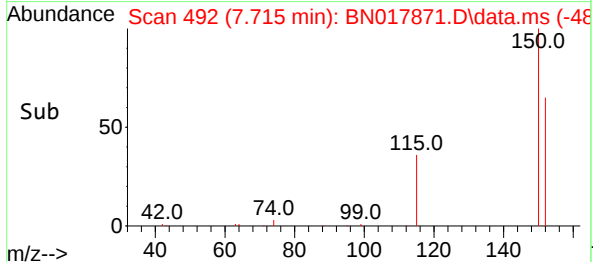
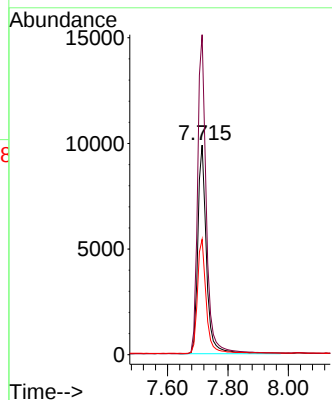
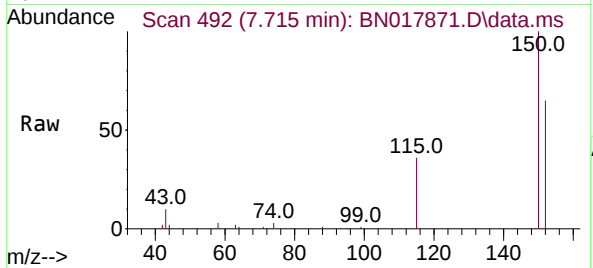




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.715 min Scan# 483
 Delta R.T. -0.000 min
 Lab File: BN017871.D
 Acq: 10 Dec 2021 15:13

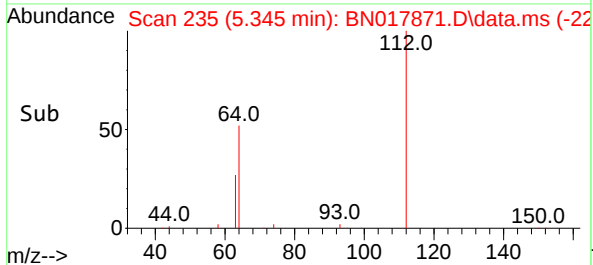
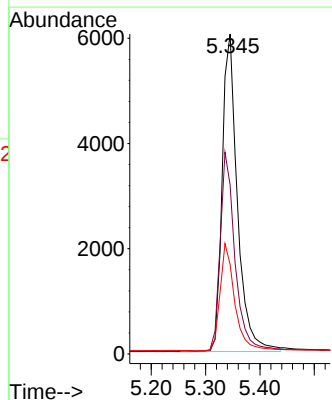
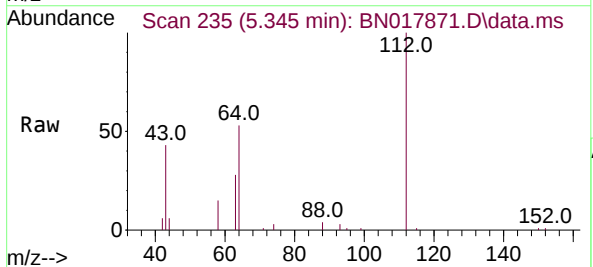
Instrument :
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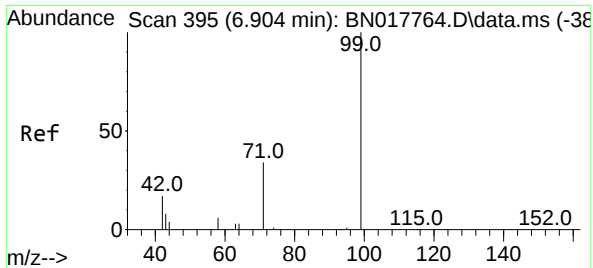
Tgt Ion:152 Resp: 19645
 Ion Ratio Lower Upper
 152 100
 150 152.7 123.0 184.4
 115 55.1 45.3 67.9



#4
 2-Fluorophenol
 Concen: 0.247 ng
 RT: 5.345 min Scan# 235
 Delta R.T. 0.018 min
 Lab File: BN017871.D
 Acq: 10 Dec 2021 15:13

Tgt Ion:112 Resp: 11724
 Ion Ratio Lower Upper
 112 100
 64 61.4 49.3 73.9
 63 32.7 25.8 38.8

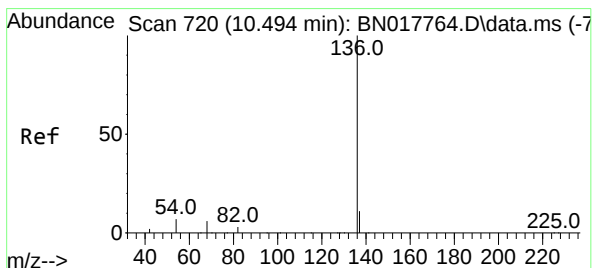
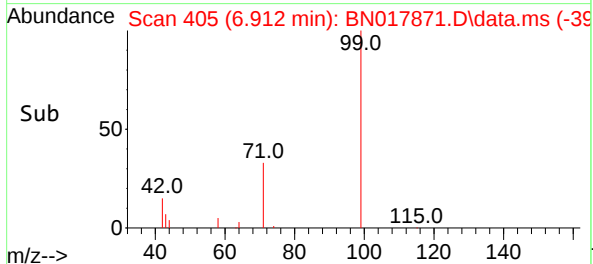
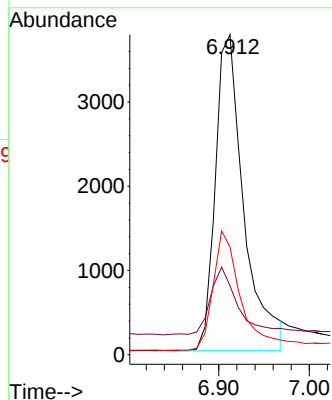
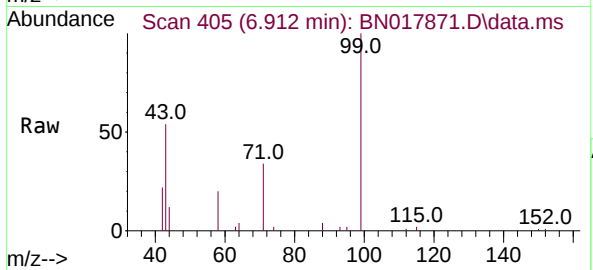




#5
Phenol-d6
Concen: 0.182 ng
RT: 6.912 min Scan# 405
Delta R.T. 0.009 min
Lab File: BN017871.D
Acq: 10 Dec 2021 15:13

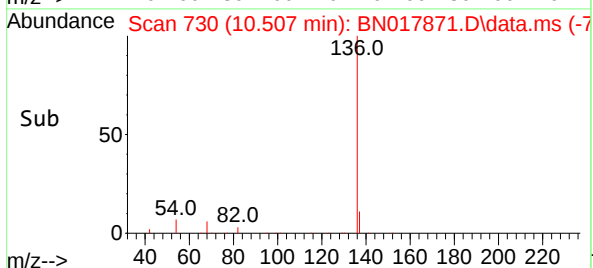
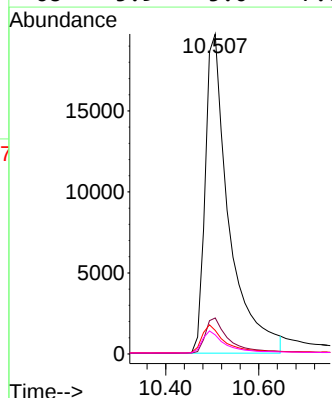
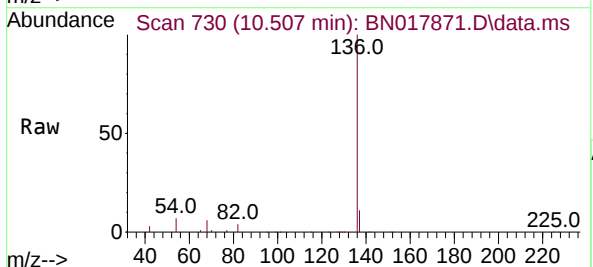
Instrument :
BNA_N
ClientSampleId :
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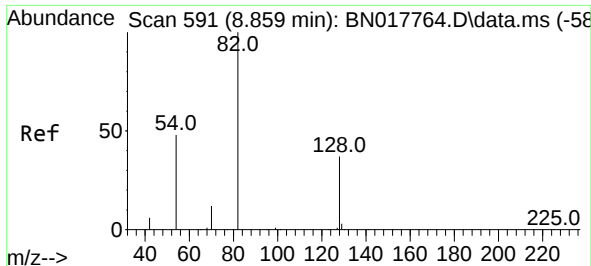
Tgt Ion: 99 Resp: 8176
Ion Ratio Lower Upper
99 100
42 20.3 16.6 25.0
71 36.7 29.0 43.4



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.507 min Scan# 730
Delta R.T. 0.012 min
Lab File: BN017871.D
Acq: 10 Dec 2021 15:13

Tgt Ion: 136 Resp: 70102
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.3 5.9 8.9
68 5.9 5.0 7.6

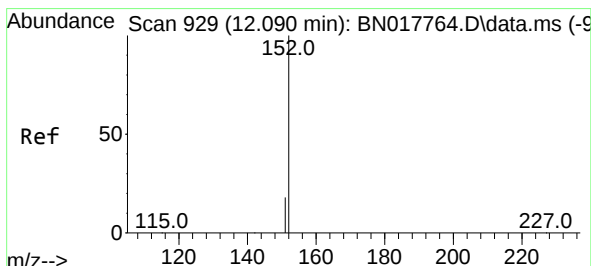
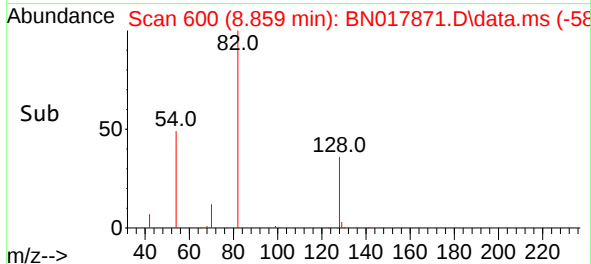
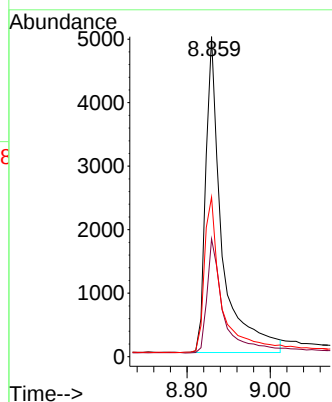
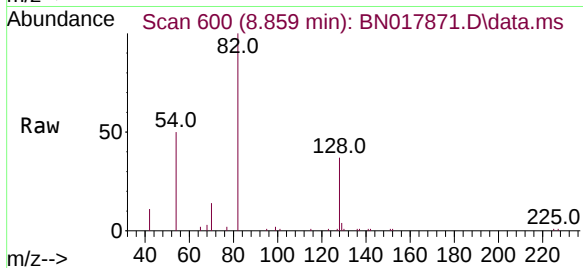




#8
Nitrobenzene-d5
Concen: 0.291 ng
RT: 8.859 min Scan# 60
Delta R.T. -0.000 min
Lab File: BN017871.D
Acq: 10 Dec 2021 15:13

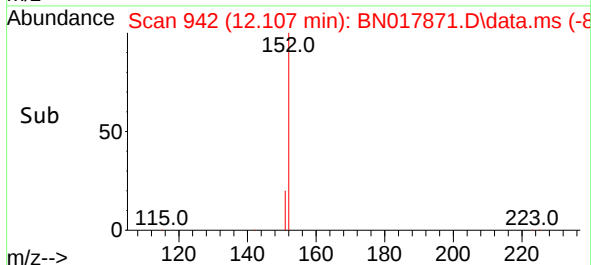
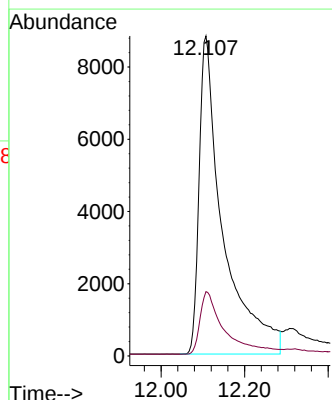
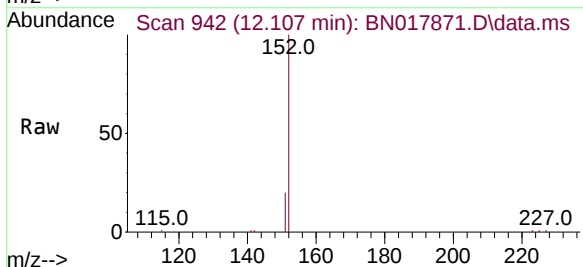
Instrument :
BNA_N
ClientSampleId :
PB141233BL

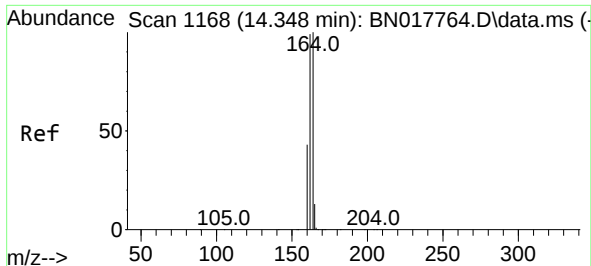
Tgt Ion: 82	Resp: 13559
Ion Ratio	Lower Upper
82 100	
128 36.8	30.2 45.2
54 49.9	39.0 58.6



#11
2-Methylnaphthalene-d10
Concen: 0.249 ng
RT: 12.107 min Scan# 942
Delta R.T. 0.017 min
Lab File: BN017871.D
Acq: 10 Dec 2021 15:13

Tgt Ion: 152	Resp: 34820
Ion Ratio	Lower Upper
152 100	
151 20.3	16.4 24.6

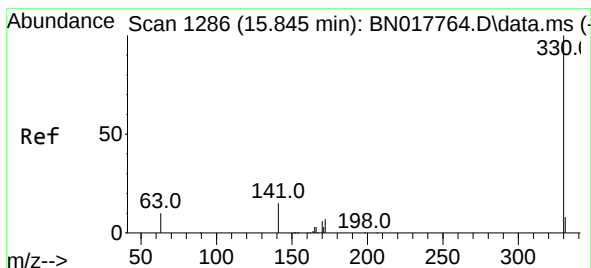
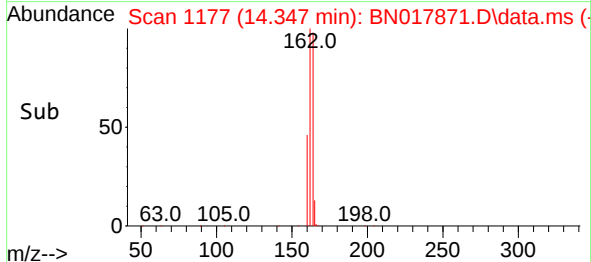
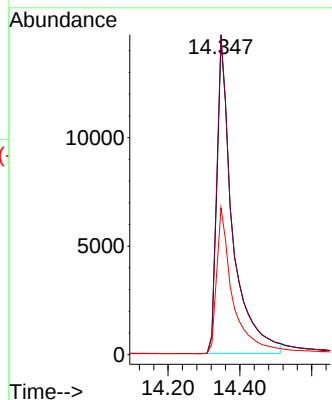
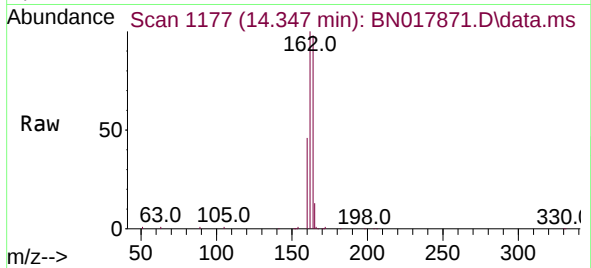




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.347 min Scan# 1168
 Delta R.T. -0.000 min
 Lab File: BN017871.D
 Acq: 10 Dec 2021 15:13

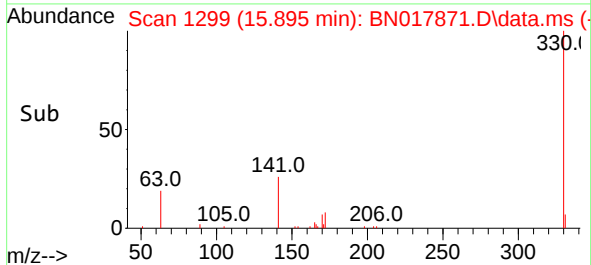
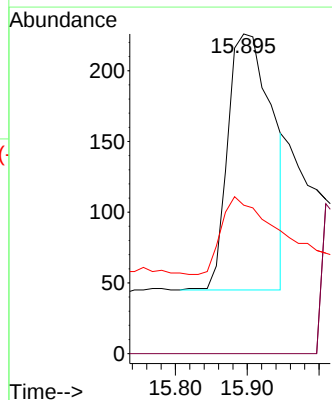
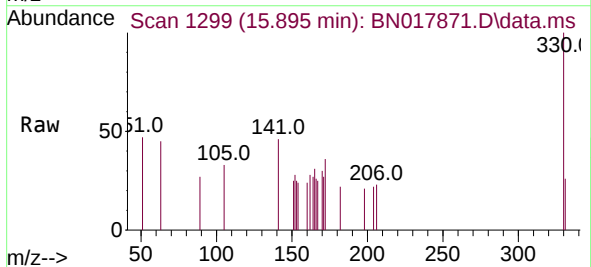
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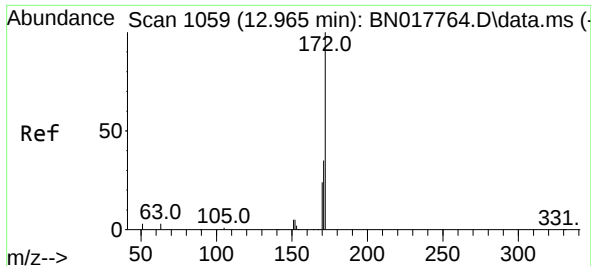
Tgt Ion:164 Resp: 44286
 Ion Ratio Lower Upper
 164 100
 162 101.8 79.0 118.6
 160 46.7 34.6 52.0



#14
 2,4,6-Tribromophenol
 Concen: 0.034 ng
 RT: 15.895 min Scan# 1299
 Delta R.T. 0.050 min
 Lab File: BN017871.D
 Acq: 10 Dec 2021 15:13

Tgt Ion:330 Resp: 776
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 31.6 21.5 32.3

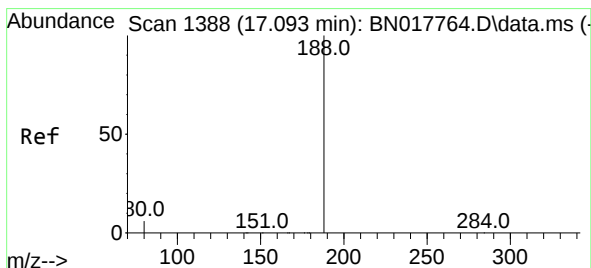
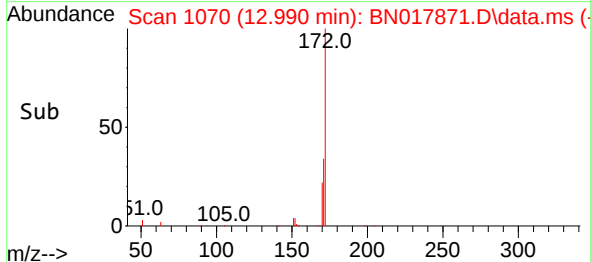
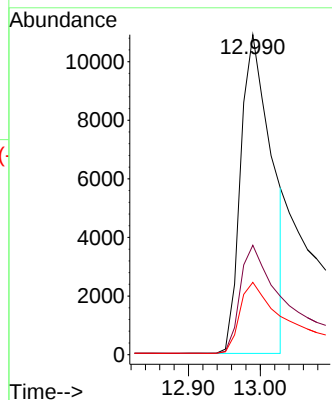
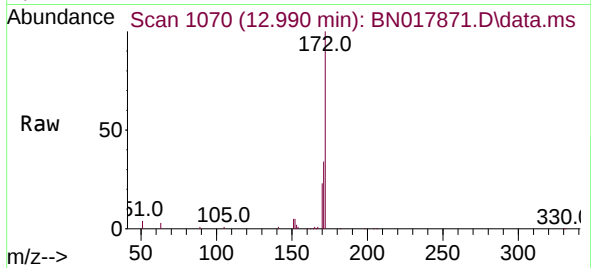




#15
2-Fluorobiphenyl
Concen: 0.202 ng
RT: 12.990 min Scan# 1059
Delta R.T. 0.025 min
Lab File: BN017871.D
Acq: 10 Dec 2021 15:13

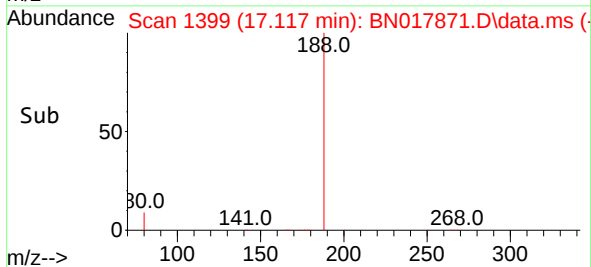
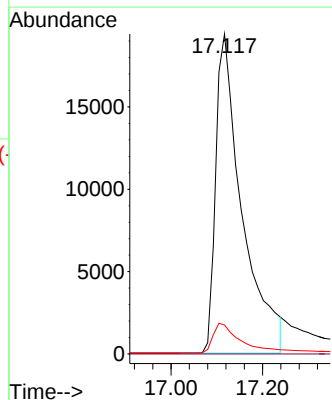
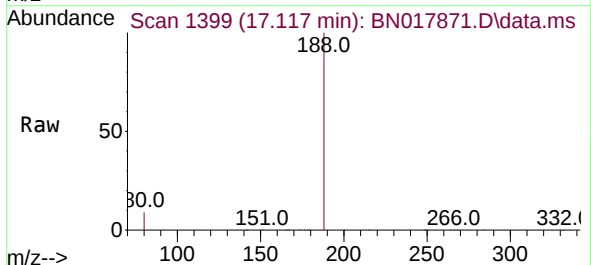
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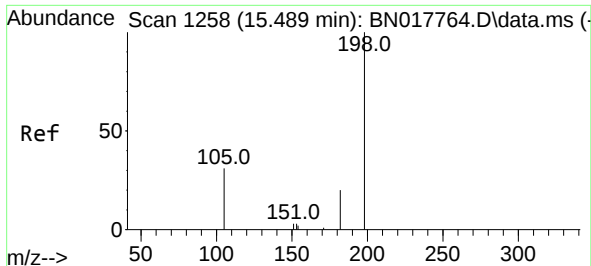
Tgt Ion:172 Resp: 32793
Ion Ratio Lower Upper
172 100
171 34.2 28.1 42.1
170 22.6 18.9 28.3



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.117 min Scan# 1399
Delta R.T. 0.024 min
Lab File: BN017871.D
Acq: 10 Dec 2021 15:13

Tgt Ion:188 Resp: 77255
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.0 5.1 7.7#

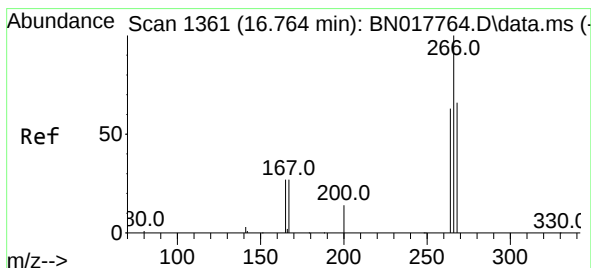
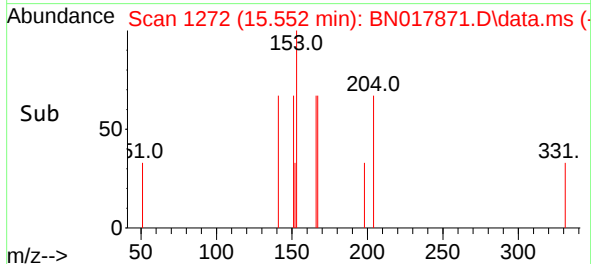
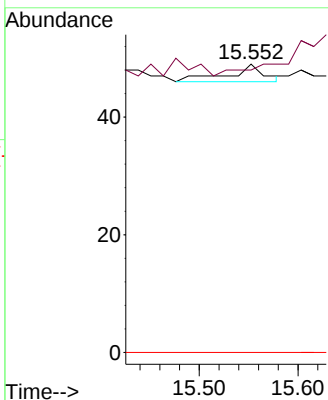
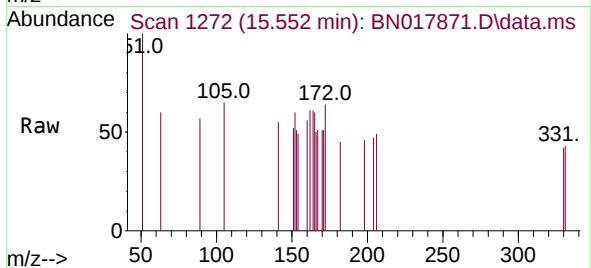




#20
4,6-Dinitro-2-methylphenol
Concen: 0.091 ng
RT: 15.552 min Scan# 1370
Delta R.T. 0.063 min
Lab File: BN017871.D
Acq: 10 Dec 2021 15:13

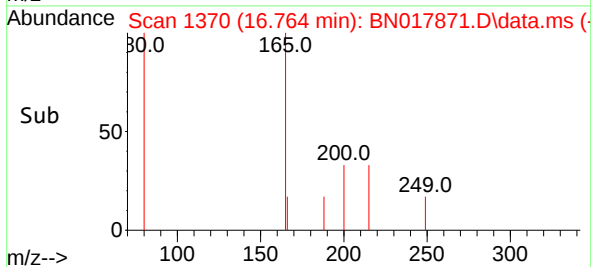
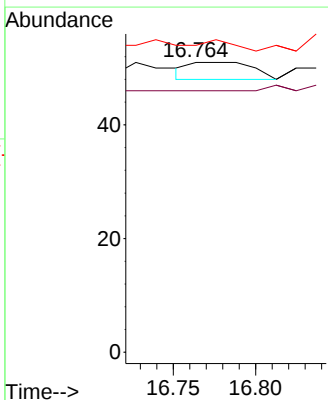
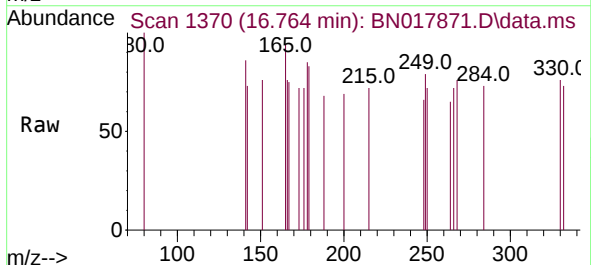
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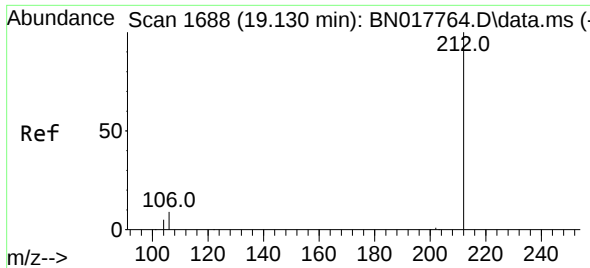
Tgt Ion:198 Resp: 8
Ion Ratio Lower Upper
198 100
182 98.0 44.2 66.2#
77 0.0 0.0 0.0



#24
Pentachlorophenol
Concen: 0.280 ng
RT: 16.764 min Scan# 1370
Delta R.T. -0.000 min
Lab File: BN017871.D
Acq: 10 Dec 2021 15:13

Tgt Ion:266 Resp: 8
Ion Ratio Lower Upper
266 100
264 0.0 50.8 76.2#
268 0.0 51.8 77.6#

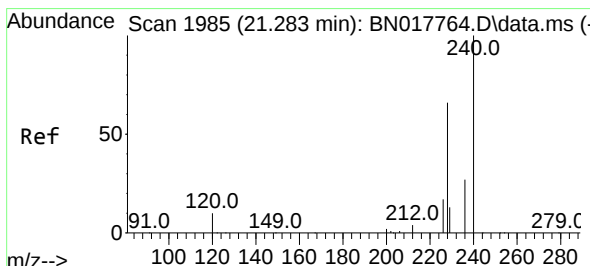
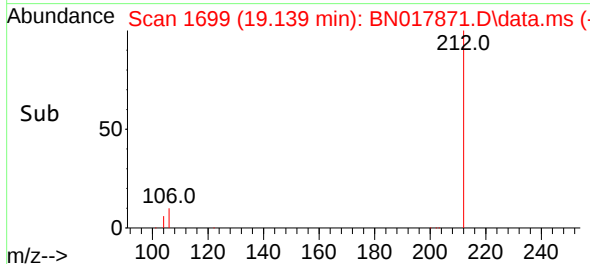
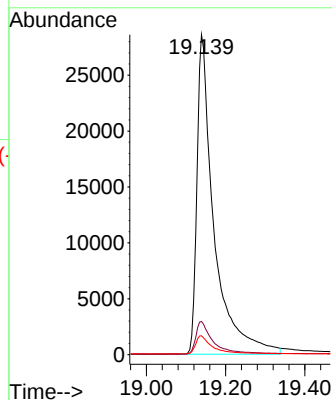
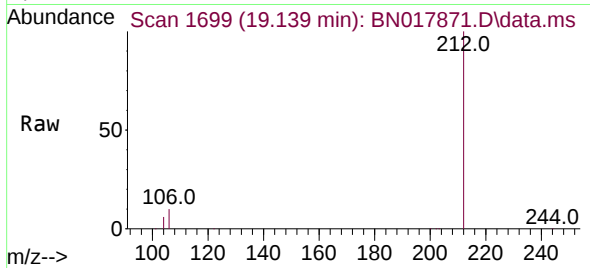




#27
Fluoranthene-d10
Concen: 0.331 ng
RT: 19.139 min Scan# 1
Delta R.T. 0.010 min
Lab File: BN017871.D
Acq: 10 Dec 2021 15:13

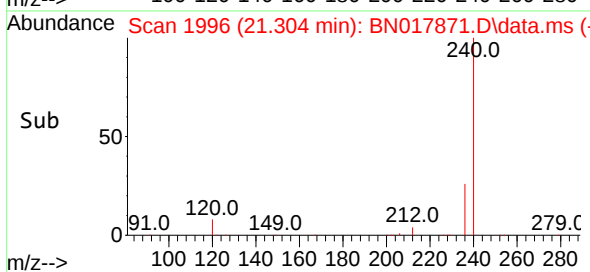
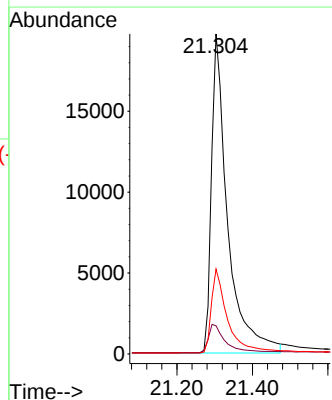
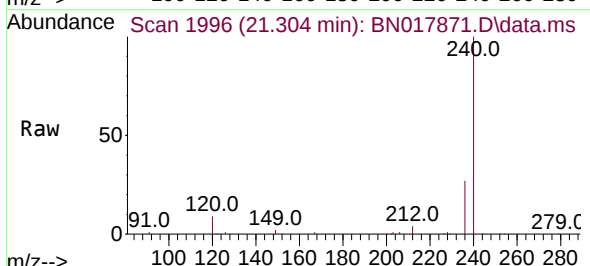
Instrument :
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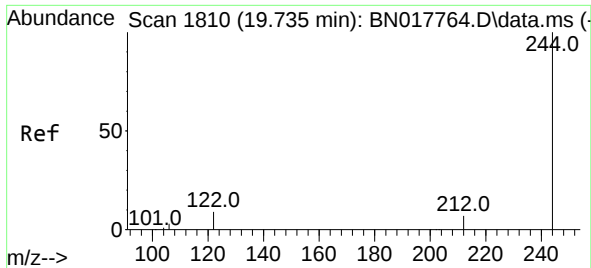
Tgt Ion:212 Resp: 85390
Ion Ratio Lower Upper
212 100
106 10.4 8.2 12.2
104 5.9 4.6 6.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.304 min Scan# 1996
Delta R.T. 0.021 min
Lab File: BN017871.D
Acq: 10 Dec 2021 15:13

Tgt Ion:240 Resp: 58869
Ion Ratio Lower Upper
240 100
120 8.8 7.9 11.9
236 26.5 21.4 32.2

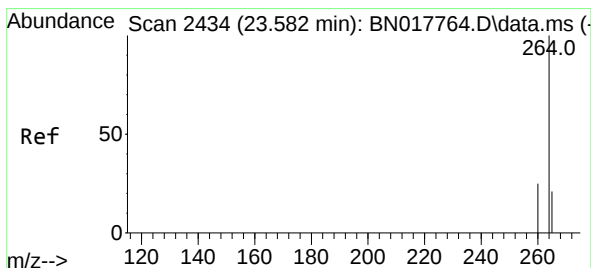
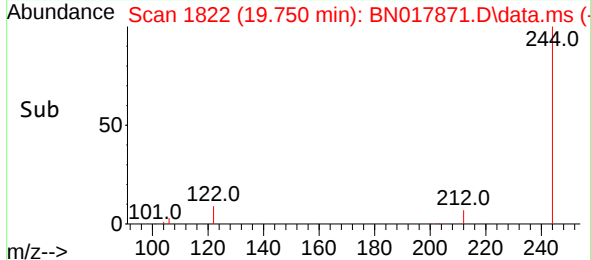
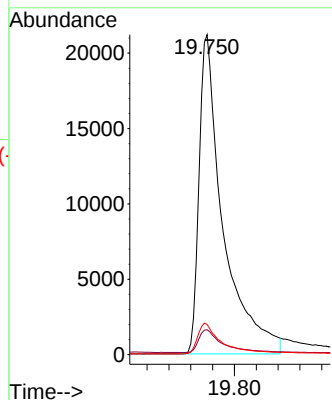
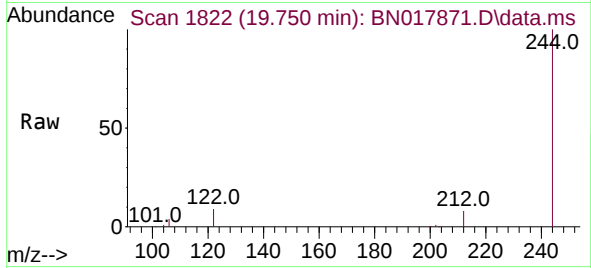




#31
 Terphenyl-d14
 Concen: 0.511 ng
 RT: 19.750 min Scan# 1810
 Delta R.T. 0.014 min
 Lab File: BN017871.D
 Acq: 10 Dec 2021 15:13

Instrument :
 BNA_N
 ClientSampleId :
 PB141233BL

Tgt Ion:244 Resp: 64577
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.8 8.8
 122 9.4 7.1 10.7



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.599 min Scan# 2448
 Delta R.T. 0.017 min
 Lab File: BN017871.D
 Acq: 10 Dec 2021 15:13

Tgt Ion:264 Resp: 41358
 Ion Ratio Lower Upper
 264 100
 260 25.1 20.0 30.0
 265 24.0 20.5 30.7

