

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012324\
 Data File : BN029371.D
 Acq On : 24 Jan 2024 06:36
 Operator : MA/JU
 Sample : SP6399
 Misc : 8270 SIM SURROGATE
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP6399

Quant Time: Jan 24 07:03:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 23 02:16:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.912	152	4649	0.400	ng	0.00
7) Naphthalene-d8	10.712	136	13133	0.400	ng	0.00
13) Acenaphthene-d10	14.554	164	6752	0.400	ng	0.00
19) Phenanthrene-d10	17.305	188	16001	0.400	ng	0.00
29) Chrysene-d12	21.501	240	11598	0.400	ng	# 0.00
35) Perylene-d12	23.903	264	11868	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.486	112	4286	0.347	ng	0.00
5) Phenol-d6	7.074	99	5777	0.350	ng	0.00
8) Nitrobenzene-d5	9.078	82	4215	0.303	ng	0.00
11) 2-Methylnaphthalene-d10	12.303	152	5885	0.271	ng	0.00
14) 2,4,6-Tribromophenol	16.052	330	784	0.223	ng	0.00
15) 2-Fluorobiphenyl	13.185	172	10295	0.317	ng	0.00
27) Fluoranthene-d10	19.341	212	11831	0.249	ng	0.00
31) Terphenyl-d14	19.949	244	9918	0.334	ng	0.00

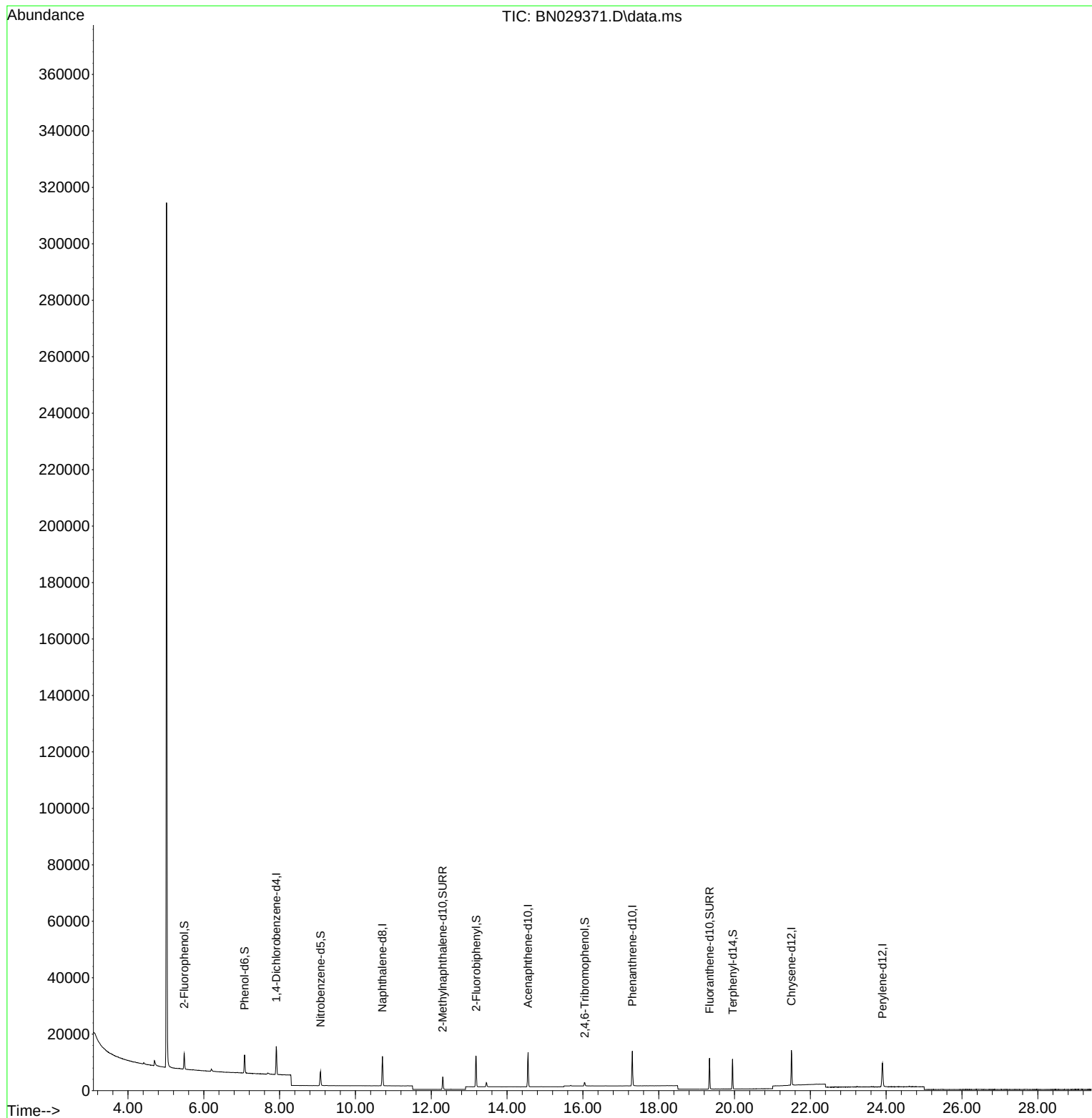
Target Compounds Qvalue

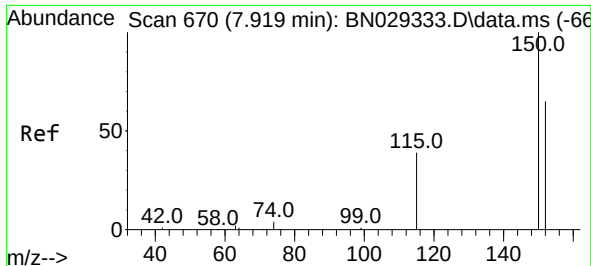
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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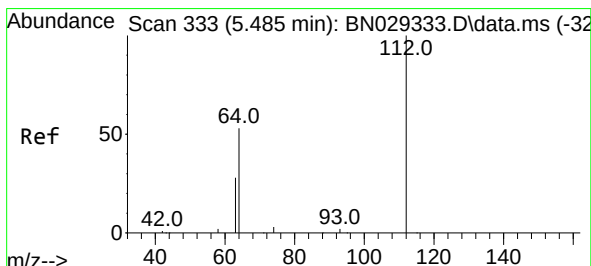
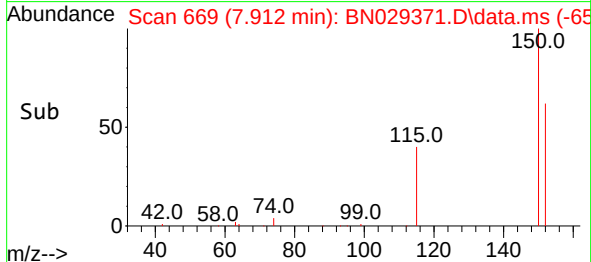
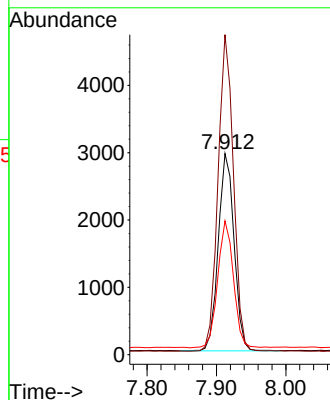
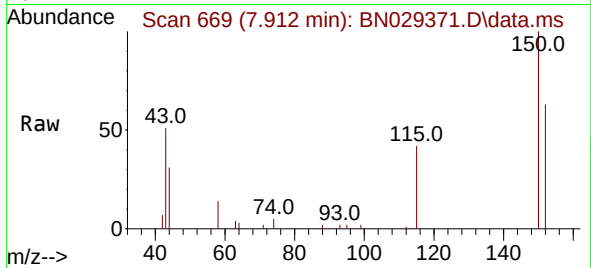




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.912 min Scan# 60
 Delta R.T. -0.007 min
 Lab File: BN029371.D
 Acq: 24 Jan 2024 06:36

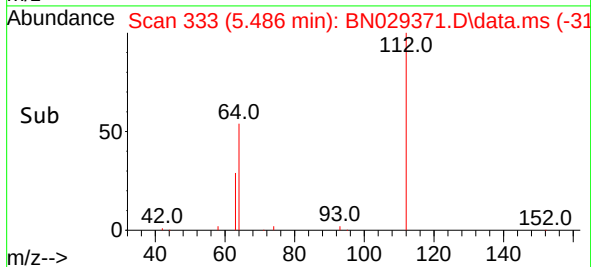
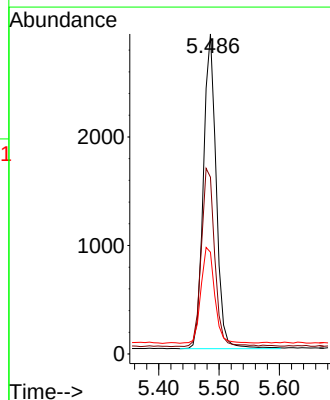
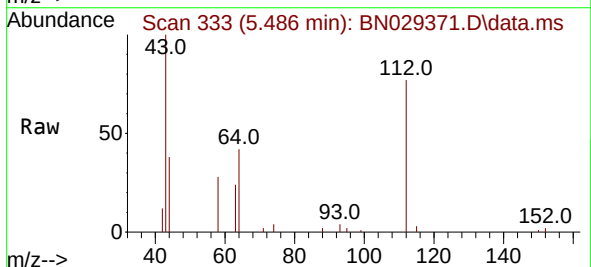
Instrument :
 BNA_N
 ClientSampleId :
 SP6399

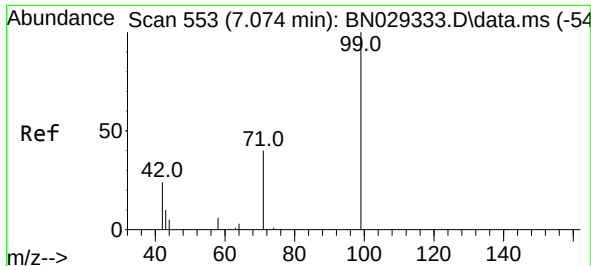
Tgt Ion:152 Resp: 4649
 Ion Ratio Lower Upper
 152 100
 150 159.2 121.1 181.7
 115 66.5 49.8 74.6



#4
 2-Fluorophenol
 Concen: 0.347 ng
 RT: 5.486 min Scan# 333
 Delta R.T. 0.000 min
 Lab File: BN029371.D
 Acq: 24 Jan 2024 06:36

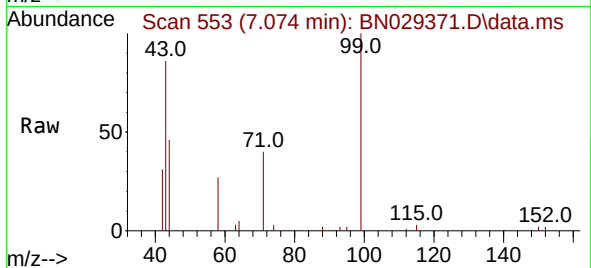
Tgt Ion:112 Resp: 4286
 Ion Ratio Lower Upper
 112 100
 64 59.3 47.6 71.4
 63 32.5 27.0 40.6



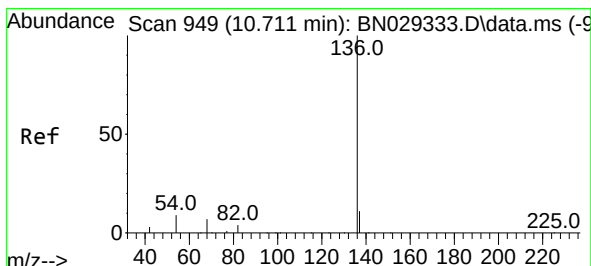
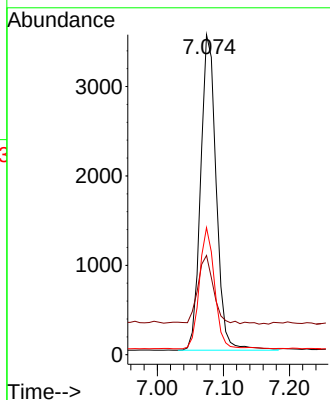
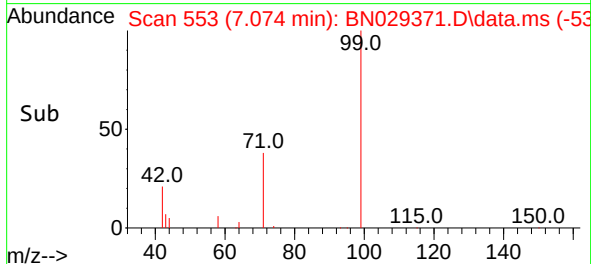


#5
Phenol-d6
Concen: 0.350 ng
RT: 7.074 min Scan# 511
Delta R.T. 0.000 min
Lab File: BN029371.D
Acq: 24 Jan 2024 06:36

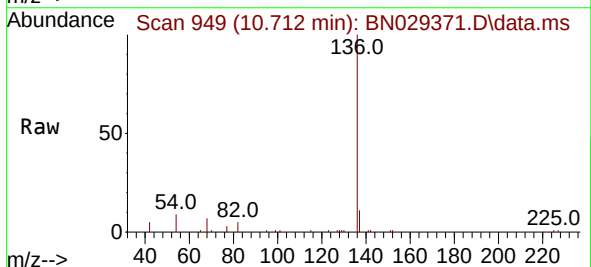
Instrument :
BNA_N
ClientSampleId :
SP6399



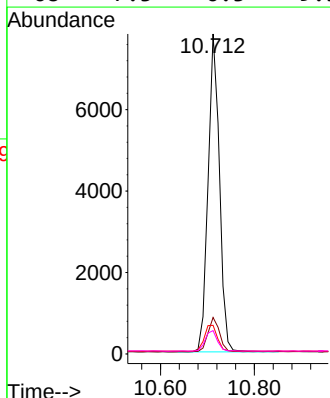
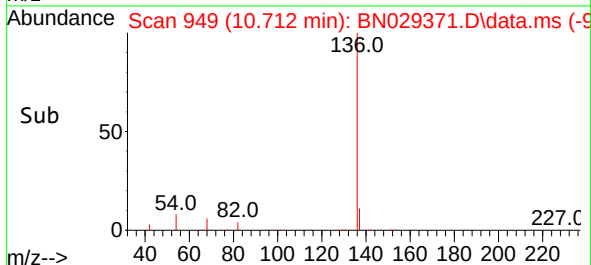
Tgt Ion:	99	Resp:	5777
Ion	Ratio	Lower	Upper
99	100		
42	21.4	19.3	28.9
71	37.5	31.0	46.6

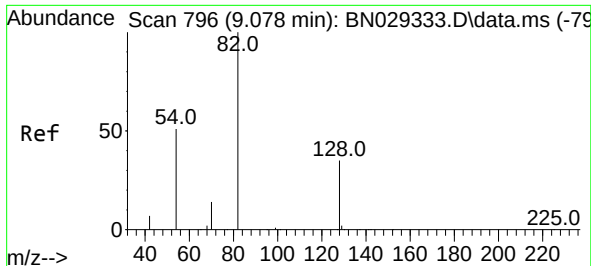


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.712 min Scan# 949
Delta R.T. 0.000 min
Lab File: BN029371.D
Acq: 24 Jan 2024 06:36



Tgt Ion:	136	Resp:	13133
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.4	14.0
54	8.9	7.9	11.9
68	7.3	6.3	9.5

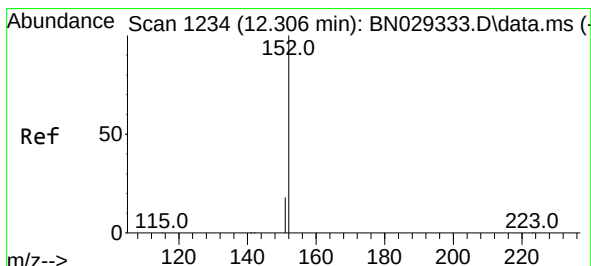
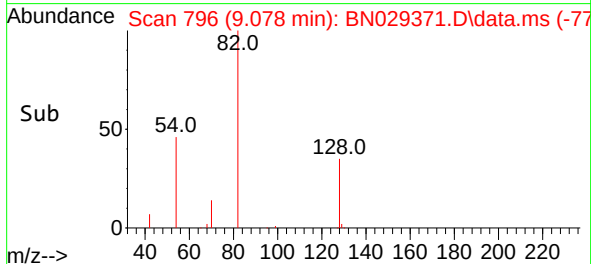
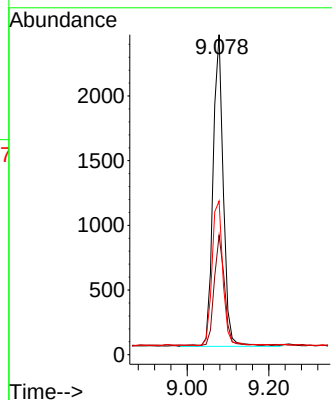
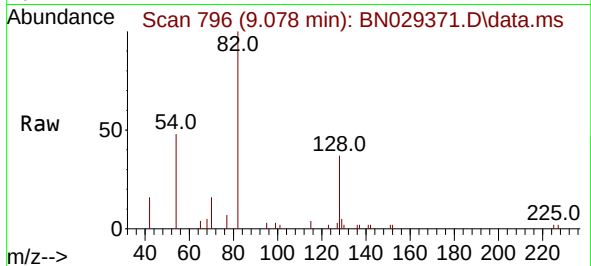




#8
 Nitrobenzene-d5
 Concen: 0.303 ng
 RT: 9.078 min Scan# 796
 Delta R.T. 0.000 min
 Lab File: BN029371.D
 Acq: 24 Jan 2024 06:36

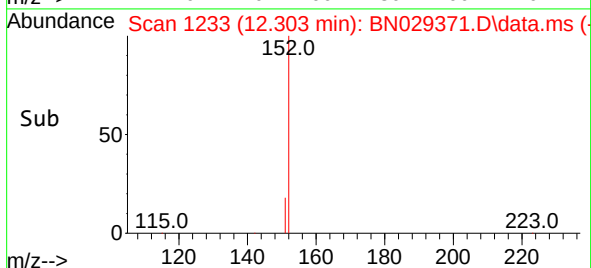
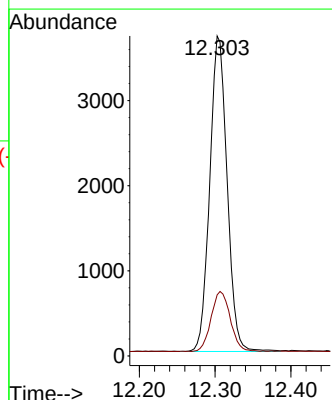
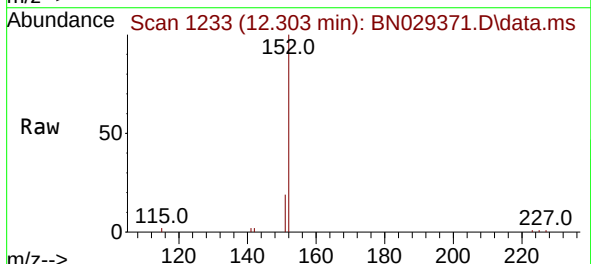
Instrument :
 BNA_N
 ClientSampleId :
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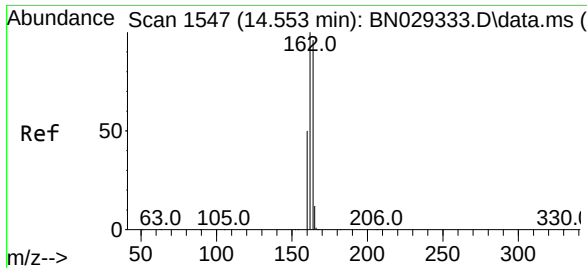
Tgt Ion:	82	Resp:	4215
Ion Ratio	Lower	Upper	
82	100		
128	37.3	29.8	44.6
54	48.0	42.5	63.7



#11
 2-Methylnaphthalene-d10
 Concen: 0.271 ng
 RT: 12.303 min Scan# 1233
 Delta R.T. -0.003 min
 Lab File: BN029371.D
 Acq: 24 Jan 2024 06:36

Tgt Ion:	152	Resp:	5885
Ion Ratio	Lower	Upper	
152	100		
151	21.1	16.9	25.3

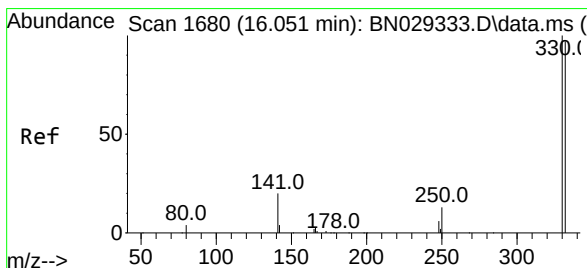
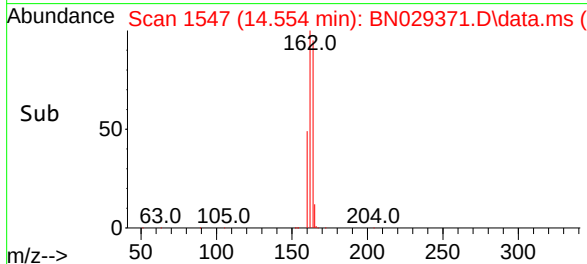
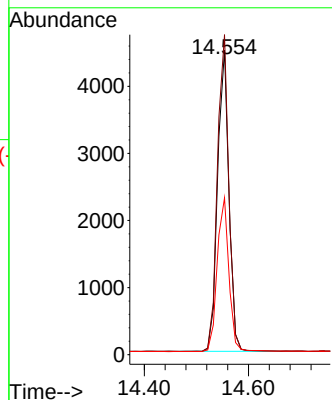
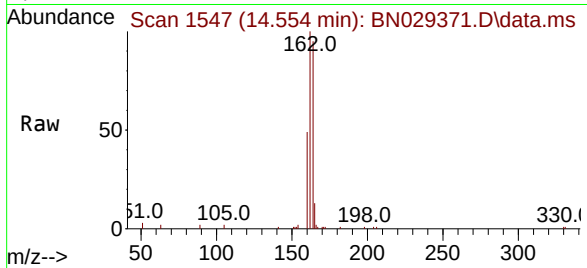




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.554 min Scan# 1547
Delta R.T. 0.000 min
Lab File: BN029371.D
Acq: 24 Jan 2024 06:36

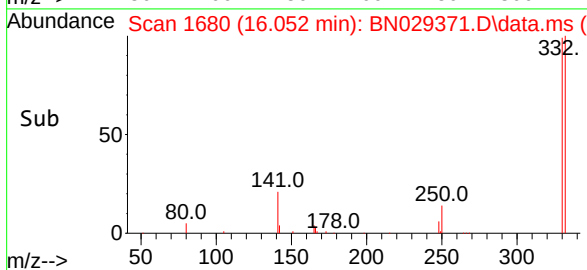
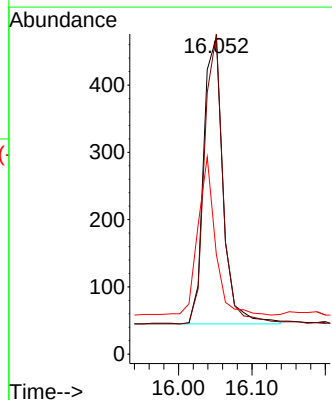
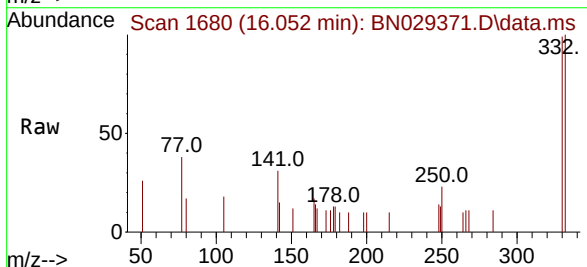
Instrument :
BNA_N
ClientSampleId :
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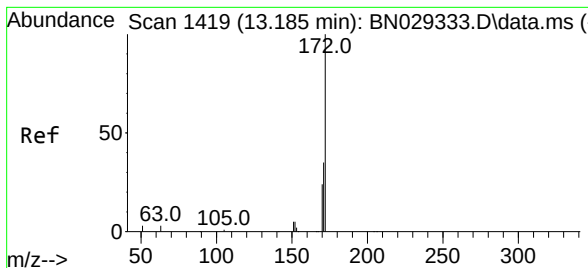
Tgt Ion:164 Resp: 6752
Ion Ratio Lower Upper
164 100
162 105.1 83.5 125.3
160 51.5 42.1 63.1



#14
2,4,6-Tribromophenol
Concen: 0.223 ng
RT: 16.052 min Scan# 1680
Delta R.T. 0.000 min
Lab File: BN029371.D
Acq: 24 Jan 2024 06:36

Tgt Ion:330 Resp: 784
Ion Ratio Lower Upper
330 100
332 96.2 77.3 115.9
141 49.5 37.2 55.8

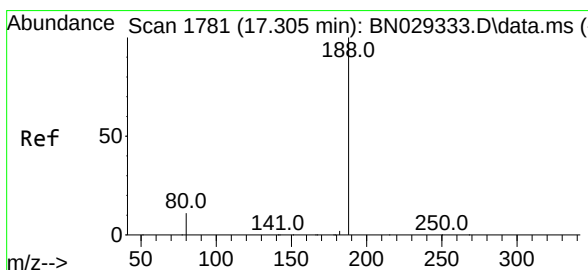
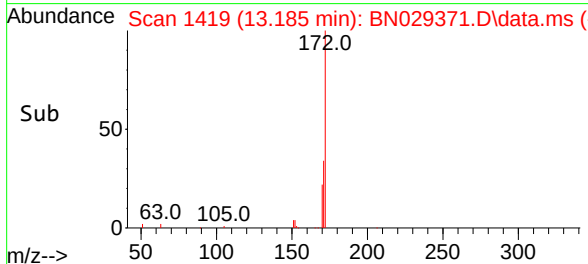
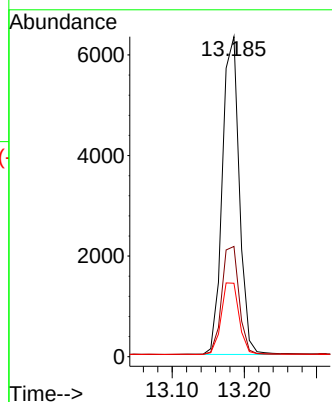
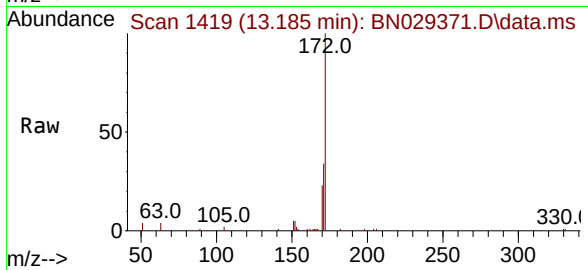




#15
2-Fluorobiphenyl
Concen: 0.317 ng
RT: 13.185 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BN029371.D
Acq: 24 Jan 2024 06:36

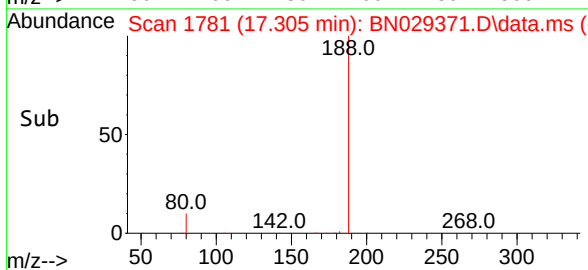
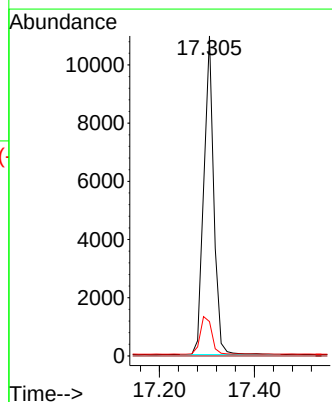
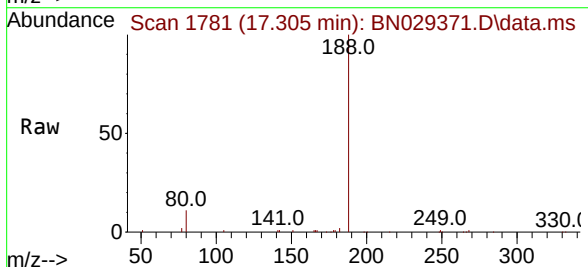
Instrument :
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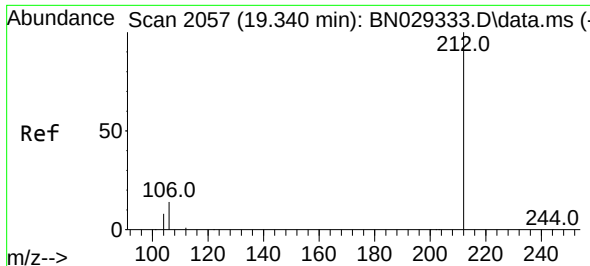
Tgt Ion:172 Resp: 10295
Ion Ratio Lower Upper
172 100
171 34.4 28.2 42.2
170 23.0 19.3 28.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.305 min Scan# 1781
Delta R.T. 0.000 min
Lab File: BN029371.D
Acq: 24 Jan 2024 06:36

Tgt Ion:188 Resp: 16001
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.8 9.4 14.2

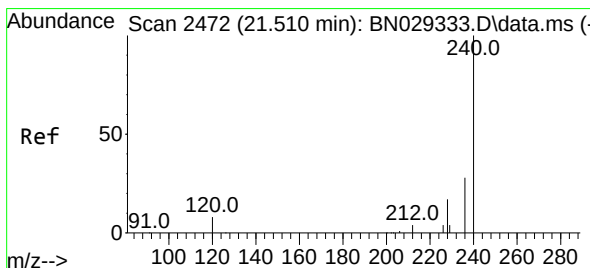
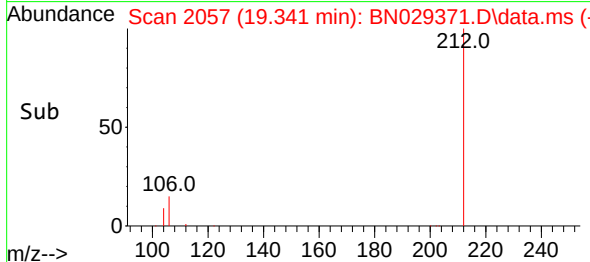
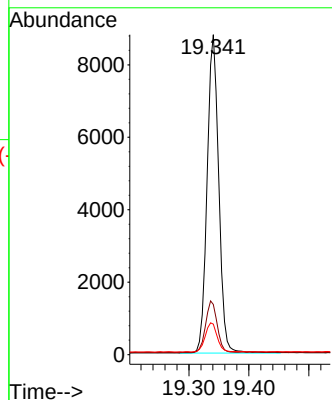
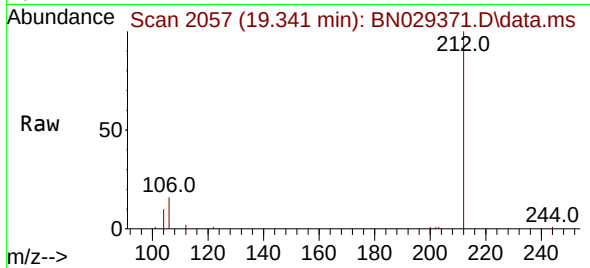




#27
Fluoranthene-d10
Concen: 0.249 ng
RT: 19.341 min Scan# 2057
Delta R.T. 0.000 min
Lab File: BN029371.D
Acq: 24 Jan 2024 06:36

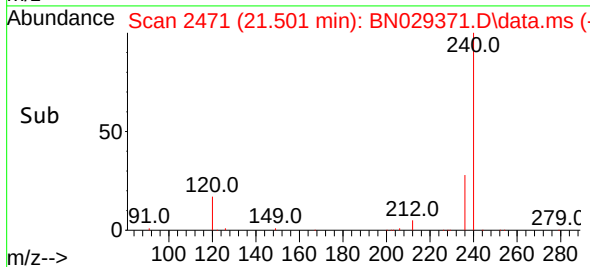
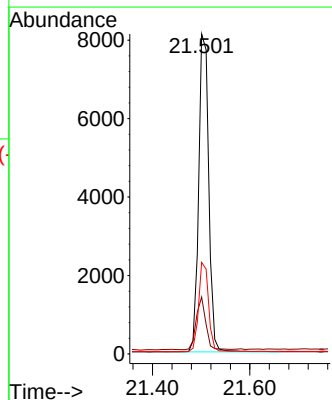
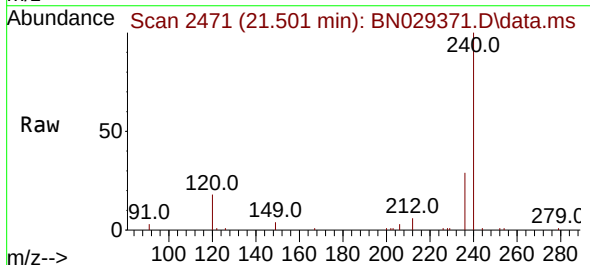
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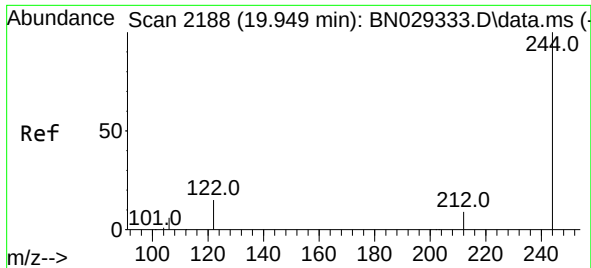
Tgt Ion:212 Resp: 11831
Ion Ratio Lower Upper
212 100
106 16.1 11.4 17.0
104 9.4 6.8 10.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.501 min Scan# 2471
Delta R.T. -0.008 min
Lab File: BN029371.D
Acq: 24 Jan 2024 06:36

Tgt Ion:240 Resp: 11598
Ion Ratio Lower Upper
240 100
120 17.8 7.8 11.6#
236 28.6 23.0 34.4

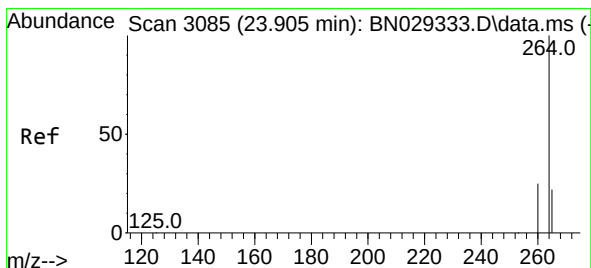
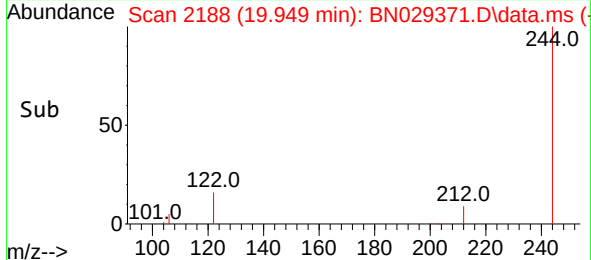
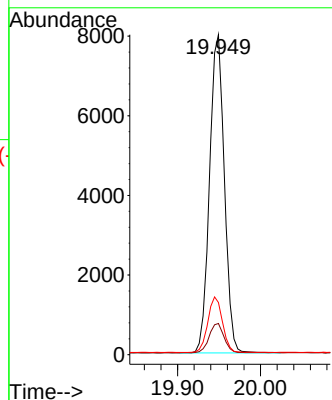
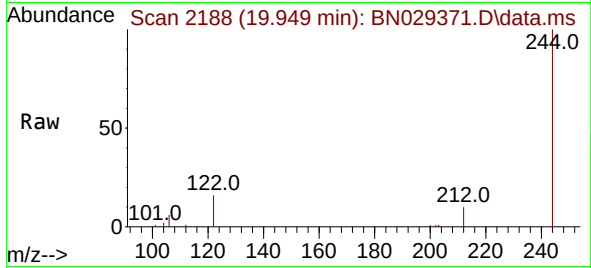




#31
Terphenyl-d14
Concen: 0.334 ng
RT: 19.949 min Scan# 2188
Delta R.T. 0.000 min
Lab File: BN029371.D
Acq: 24 Jan 2024 06:36

Instrument :
BNA_N
ClientSampleId :
SP6399

Tgt Ion:244 Resp: 9918
Ion Ratio Lower Upper
244 100
212 9.8 7.6 11.4
122 16.3 12.8 19.2



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.903 min Scan# 3084
Delta R.T. -0.002 min
Lab File: BN029371.D
Acq: 24 Jan 2024 06:36

Tgt Ion:264 Resp: 11868
Ion Ratio Lower Upper
264 100
260 25.8 20.6 31.0
265 31.3 24.8 37.2

