

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072924\
 Data File : BN033066.D
 Acq On : 29 Jul 2024 12:40
 Operator : MA/JU
 Sample : P3307-02RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 VPB189-HYD-20240717RE

Quant Time: Jul 29 13:09:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 29 10:37:08 2024
 Response via : Initial Calibration

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

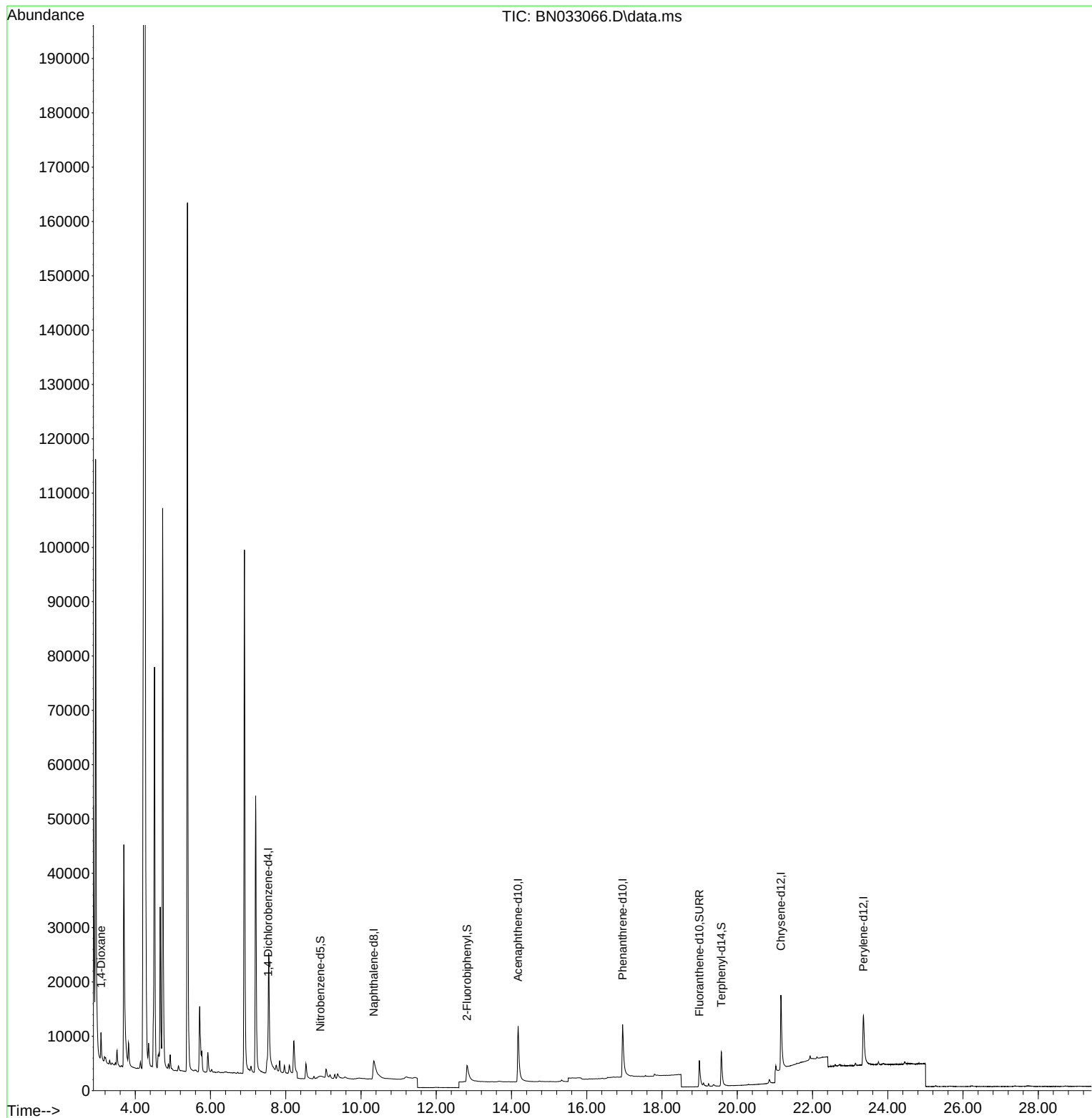
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.532	152	4405	0.400	ng	0.00
7) Naphthalene-d8	10.340	136	15847	0.400	ng	# 0.01
13) Acenaphthene-d10	14.176	164	11289	0.400	ng	0.00
19) Phenanthrene-d10	16.952	188	25863	0.400	ng	0.00
29) Chrysene-d12	21.158	240	22776	0.400	ng	0.00
35) Perylene-d12	23.353	264	19732	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.235	112	68	0.006	ng	0.00
5) Phenol-d6	6.903	99	49	0.004	ng	0.00
8) Nitrobenzene-d5	8.920	82	1945	0.163	ng	0.06
11) 2-Methylnaphthalene-d10	11.969	152	225	0.009	ng	0.02
14) 2,4,6-Tribromophenol	15.760	330	77	0.016	ng	0.02
15) 2-Fluorobiphenyl	12.818	172	8339	0.198	ng	0.00
27) Fluoranthene-d10	18.994	212	9872	0.148	ng	0.00
31) Terphenyl-d14	19.575	244	11745	0.252	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.090	88	3552	0.651	ng	# 77

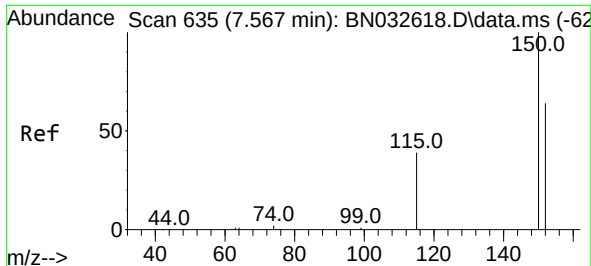
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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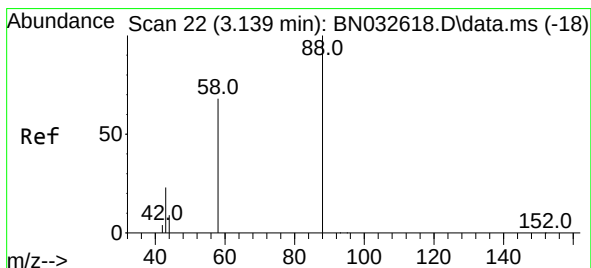
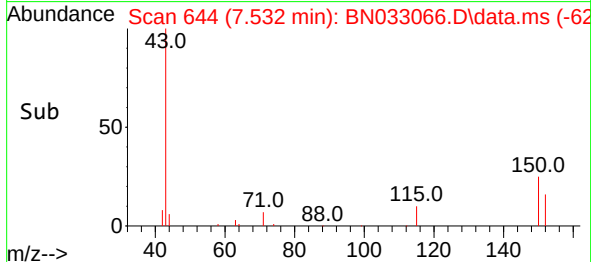
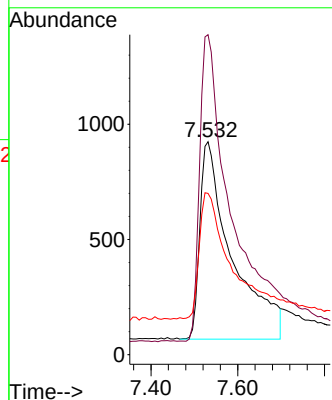
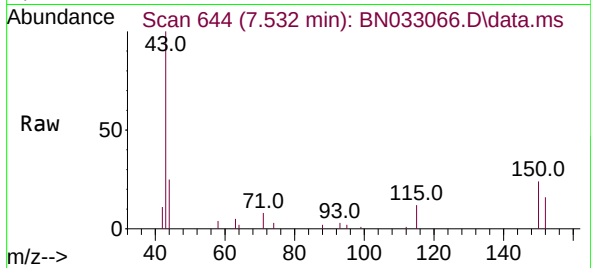




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.532 min Scan# 64
 Delta R.T. 0.008 min
 Lab File: BN033066.D
 Acq: 29 Jul 2024 12:40

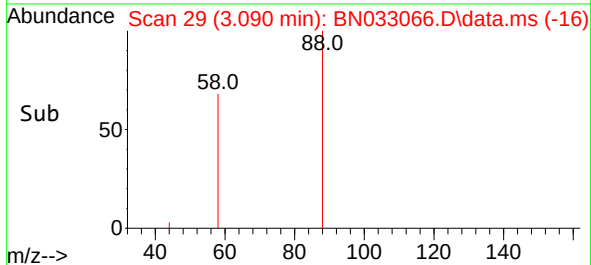
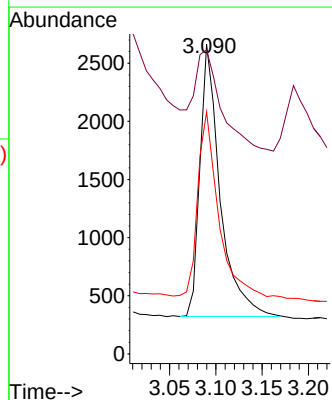
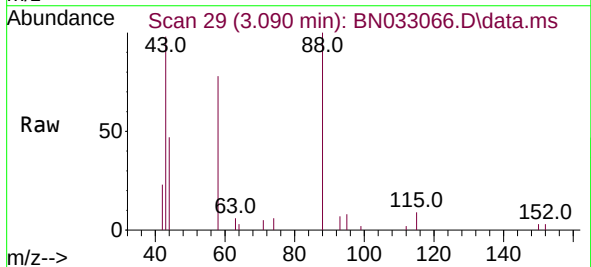
Instrument :
 BNA_N
 ClientSampleId :
 VPB189-HYD-20240717RE

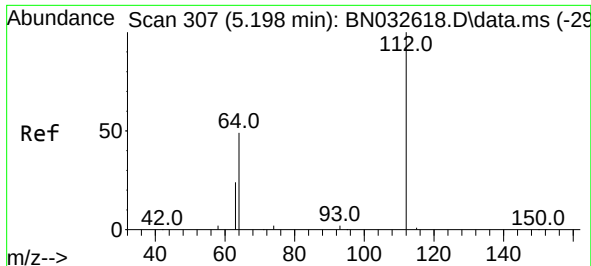
Tgt Ion:152 Resp: 4405
 Ion Ratio Lower Upper
 152 100
 150 150.3 123.8 185.6
 115 75.8 52.8 79.2



#2
 1,4-Dioxane
 Concen: 0.651 ng
 RT: 3.090 min Scan# 29
 Delta R.T. -0.007 min
 Lab File: BN033066.D
 Acq: 29 Jul 2024 12:40

Tgt Ion: 88 Resp: 3552
 Ion Ratio Lower Upper
 88 100
 43 52.6 18.4 27.6#
 58 68.5 49.2 73.8

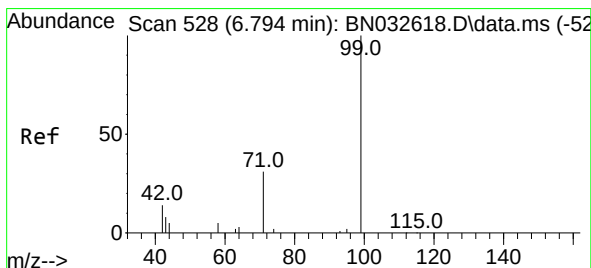
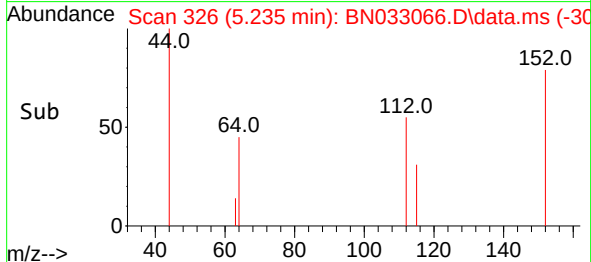
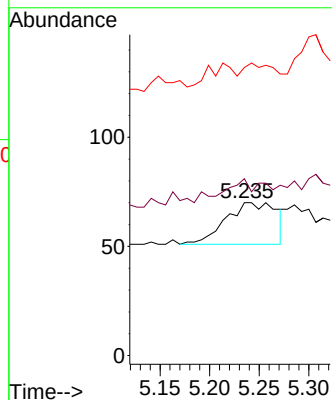
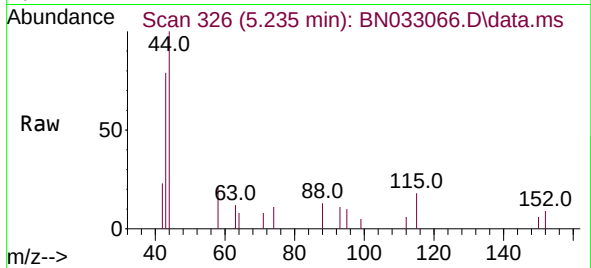




#4
2-Fluorophenol
Concen: 0.006 ng
RT: 5.235 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN033066.D
Acq: 29 Jul 2024 12:40

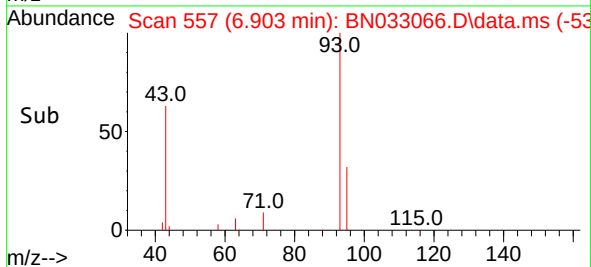
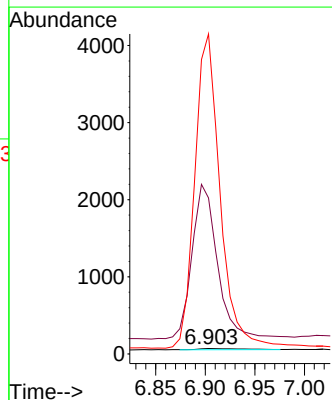
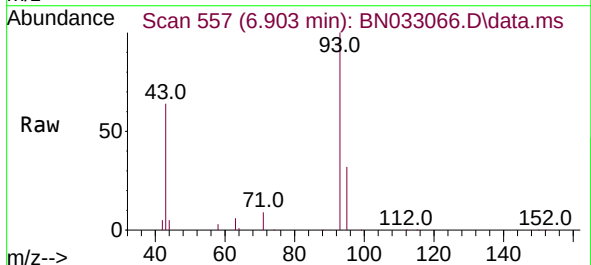
Instrument :
BNA_N
ClientSampleId :
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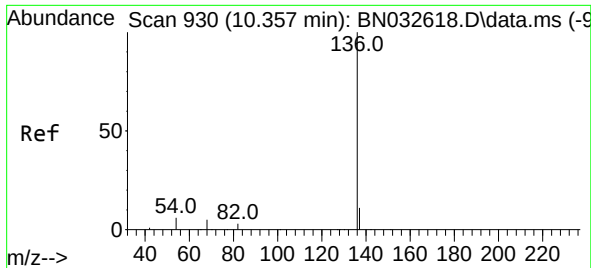
Tgt Ion:112 Resp: 68
Ion Ratio Lower Upper
112 100
64 29.4 40.2 60.4#
63 0.0 22.2 33.4#



#5
Phenol-d6
Concen: 0.004 ng
RT: 6.903 min Scan# 557
Delta R.T. 0.000 min
Lab File: BN033066.D
Acq: 29 Jul 2024 12:40

Tgt Ion: 99 Resp: 49
Ion Ratio Lower Upper
99 100
42 7412.2 10.5 15.7#
71 14973.5 22.3 33.5#

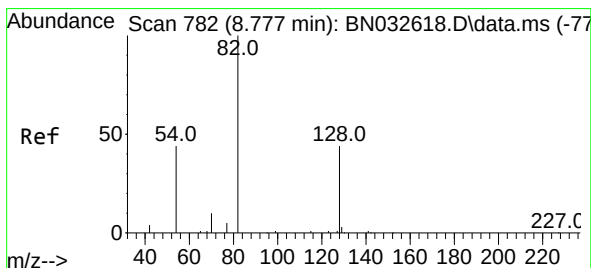
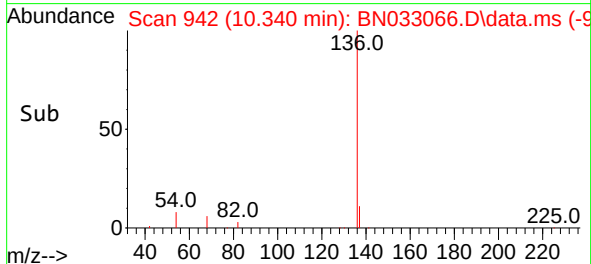
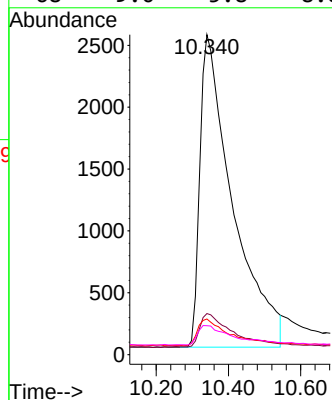
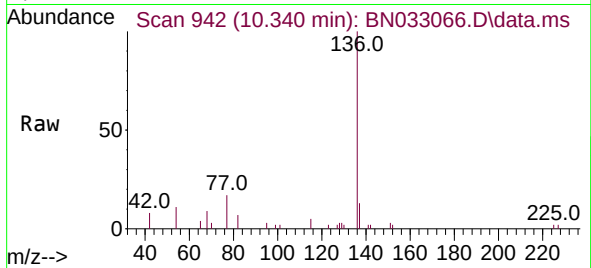




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.340 min Scan# 94
Delta R.T. 0.011 min
Lab File: BN033066.D
Acq: 29 Jul 2024 12:40

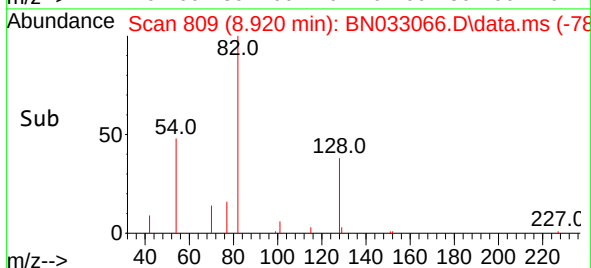
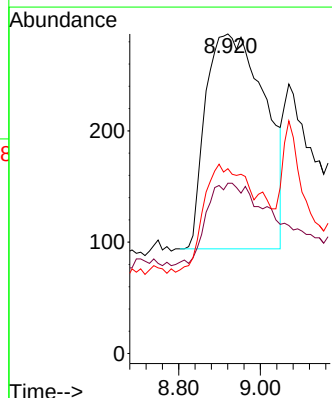
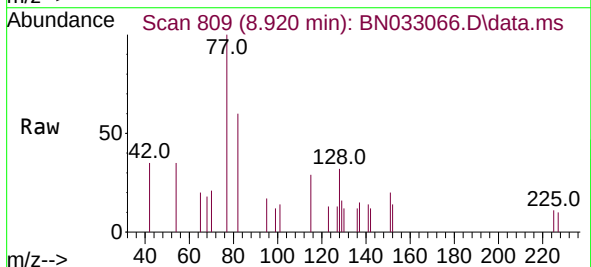
Instrument :
BNA_N
ClientSampleId :
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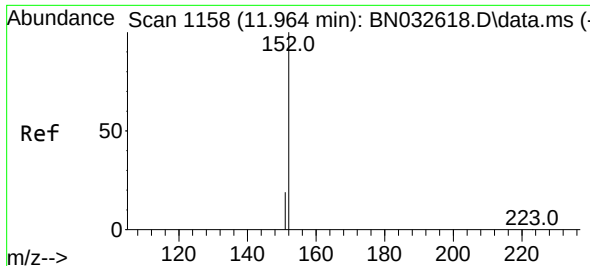
Tgt Ion:	136	Resp:	15847
Ion	Ratio	Lower	Upper
136	100		
137	12.8	9.9	14.9
54	11.1	6.5	9.7#
68	9.0	5.8	8.8#



#8
Nitrobenzene-d5
Concen: 0.163 ng
RT: 8.920 min Scan# 809
Delta R.T. 0.064 min
Lab File: BN033066.D
Acq: 29 Jul 2024 12:40

Tgt Ion:	82	Resp:	1945
Ion	Ratio	Lower	Upper
82	100		
128	53.3	41.7	62.5
54	57.8	39.5	59.3

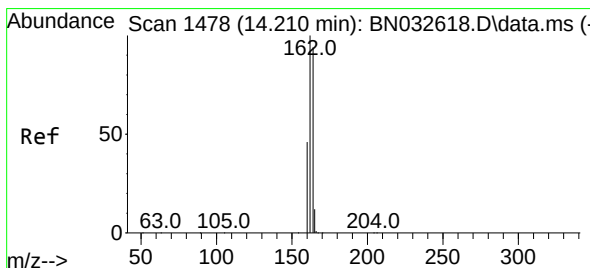
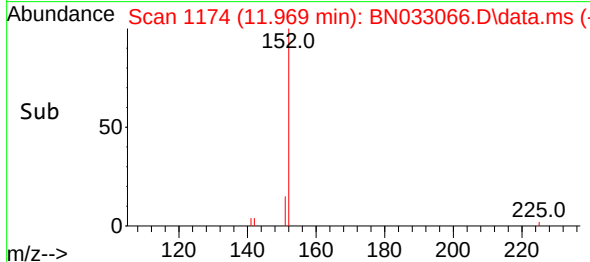
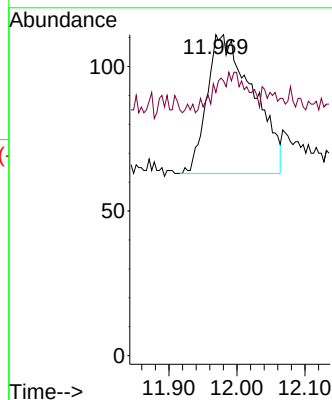
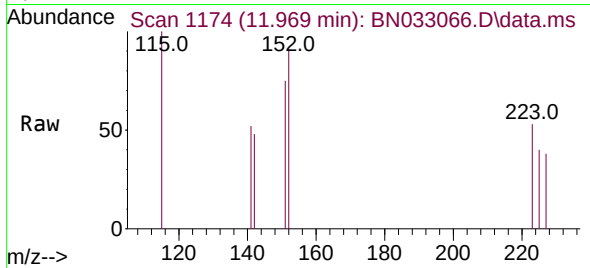




#11
2-Methylnaphthalene-d10
Concen: 0.009 ng
RT: 11.969 min Scan# 1158
Delta R.T. 0.023 min
Lab File: BN033066.D
Acq: 29 Jul 2024 12:40

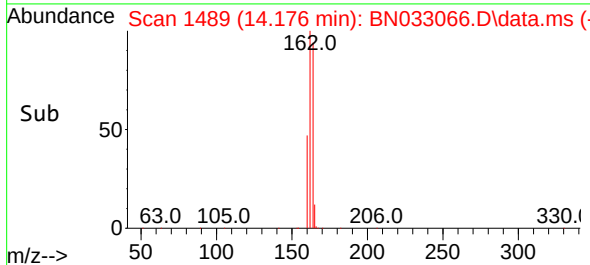
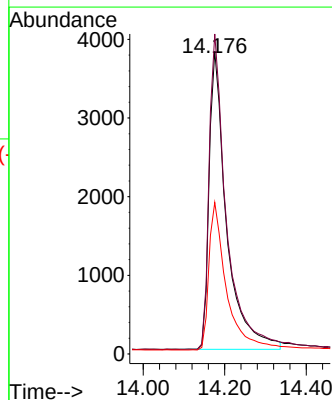
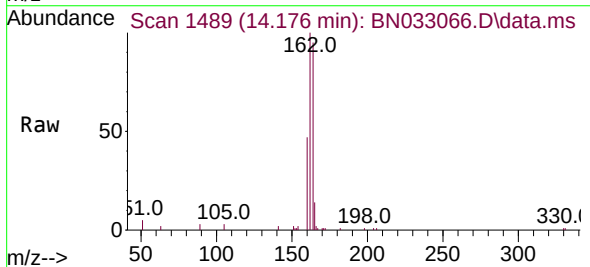
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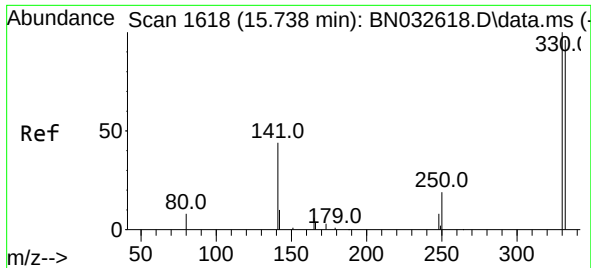
Tgt Ion:152 Resp: 225
Ion Ratio Lower Upper
152 100
151 8.0 16.2 24.2#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.176 min Scan# 1489
Delta R.T. 0.007 min
Lab File: BN033066.D
Acq: 29 Jul 2024 12:40

Tgt Ion:164 Resp: 11289
Ion Ratio Lower Upper
164 100
162 105.8 85.0 127.4
160 50.1 39.4 59.2

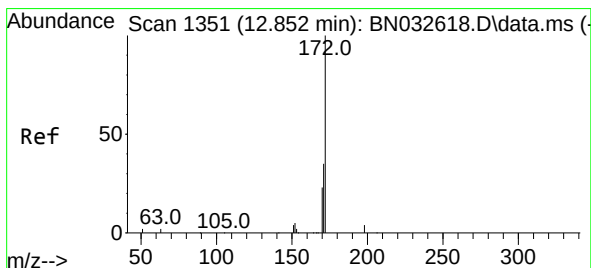
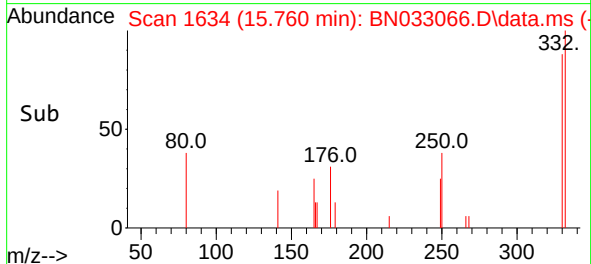
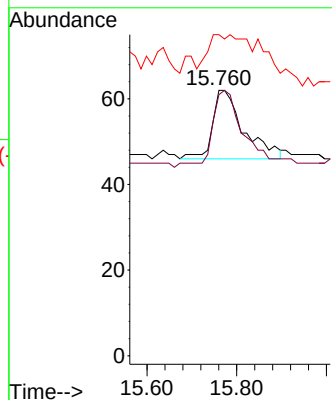
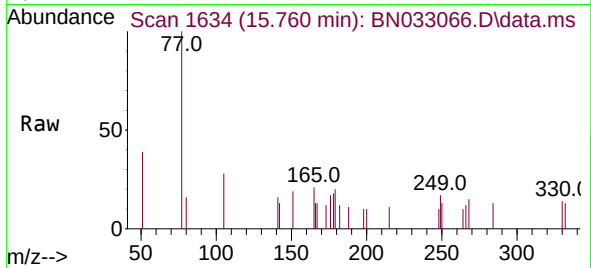




#14
2,4,6-Tribromophenol
Concen: 0.016 ng
RT: 15.760 min Scan# 1634
Delta R.T. 0.019 min
Lab File: BN033066.D
Acq: 29 Jul 2024 12:40

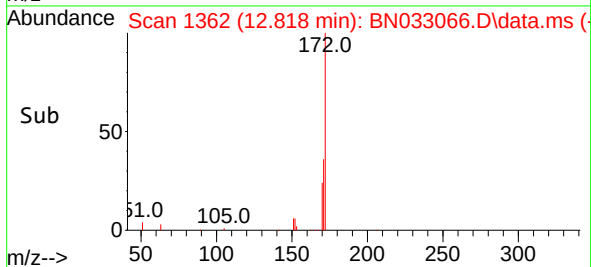
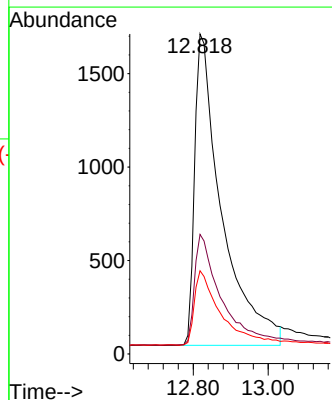
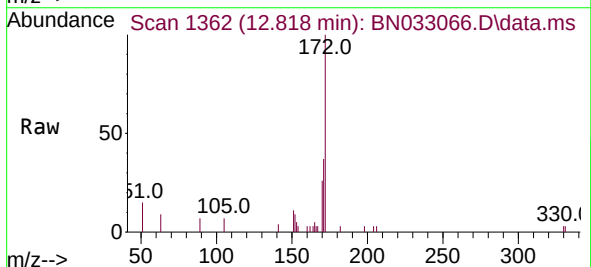
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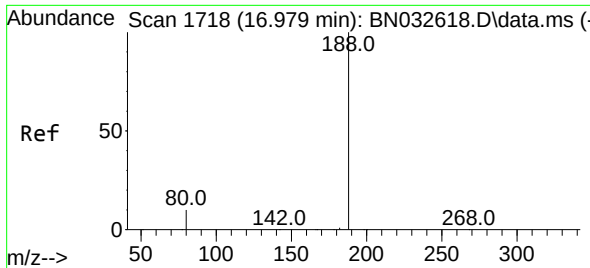
Tgt Ion:330 Resp: 77
Ion Ratio Lower Upper
330 100
332 94.8 77.8 116.8
141 0.0 34.2 51.2#



#15
2-Fluorobiphenyl
Concen: 0.198 ng
RT: 12.818 min Scan# 1362
Delta R.T. -0.004 min
Lab File: BN033066.D
Acq: 29 Jul 2024 12:40

Tgt Ion:172 Resp: 8339
Ion Ratio Lower Upper
172 100
171 37.4 28.6 43.0
170 26.0 19.0 28.6

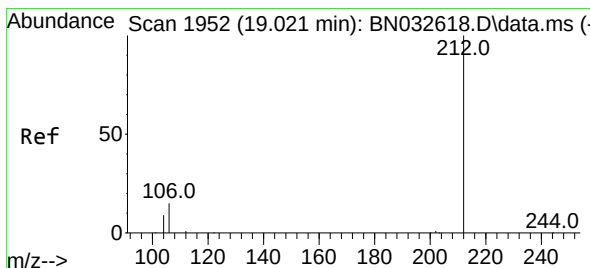
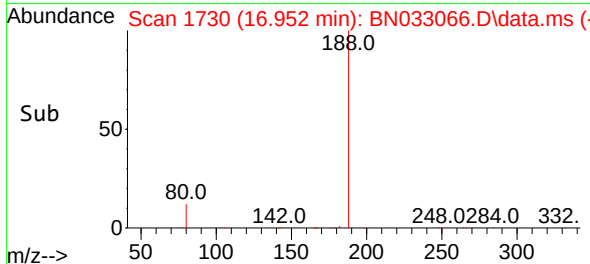
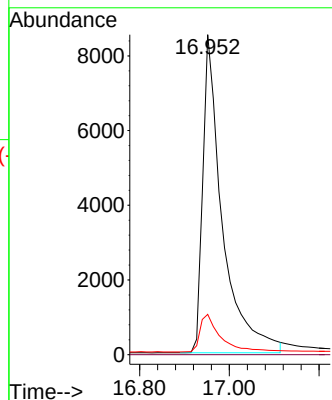
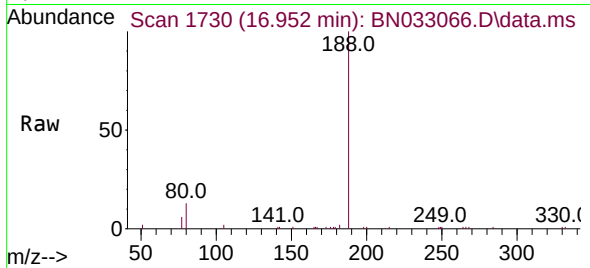




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.952 min Scan# 1730
Delta R.T. -0.005 min
Lab File: BN033066.D
Acq: 29 Jul 2024 12:40

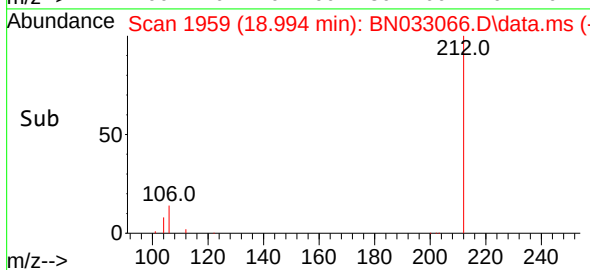
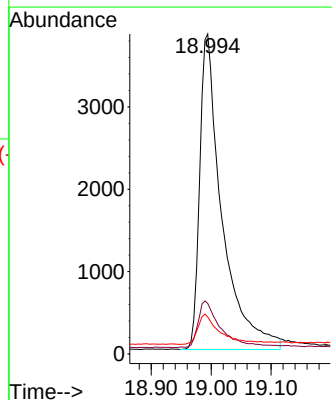
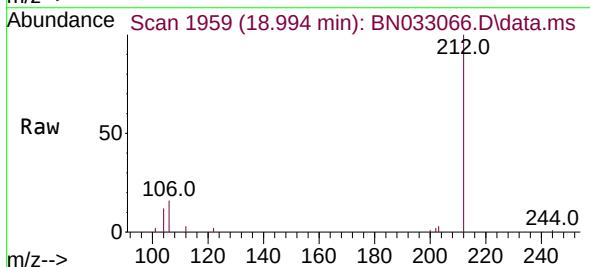
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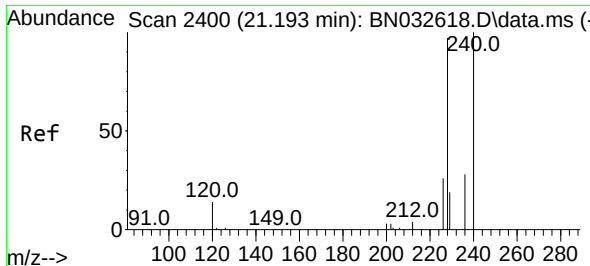
Tgt Ion:188 Resp: 25863
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.6 8.8 13.2



#27
Fluoranthene-d10
Concen: 0.148 ng
RT: 18.994 min Scan# 1959
Delta R.T. 0.002 min
Lab File: BN033066.D
Acq: 29 Jul 2024 12:40

Tgt Ion:212 Resp: 9872
Ion Ratio Lower Upper
212 100
106 15.3 11.9 17.9
104 9.6 6.9 10.3

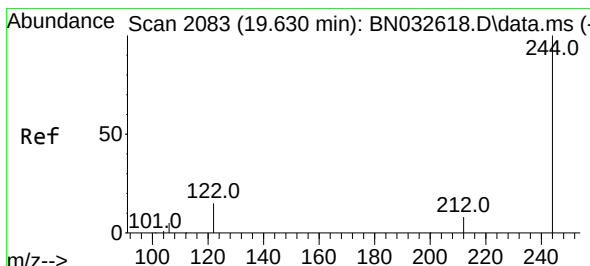
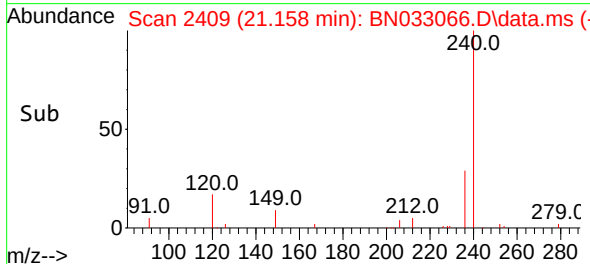
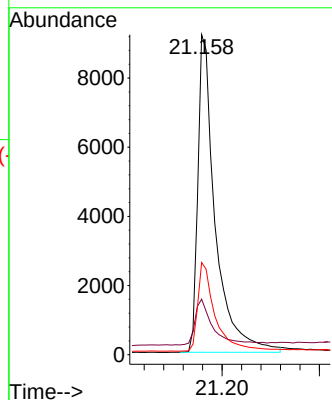
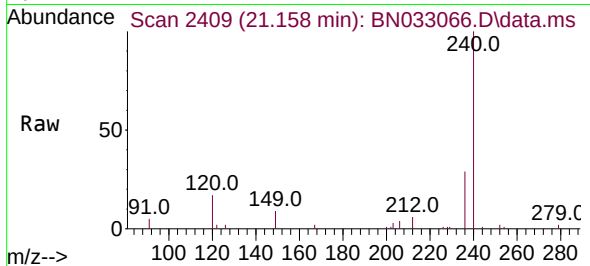




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.158 min Scan# 2409
Delta R.T. -0.002 min
Lab File: BN033066.D
Acq: 29 Jul 2024 12:40

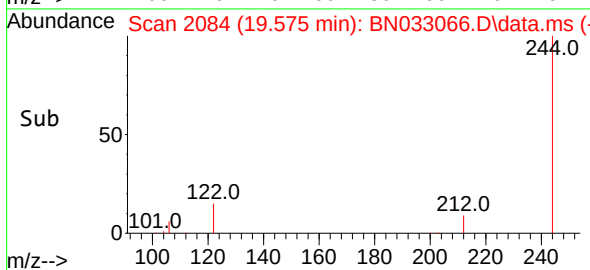
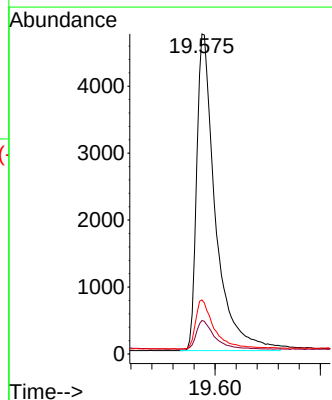
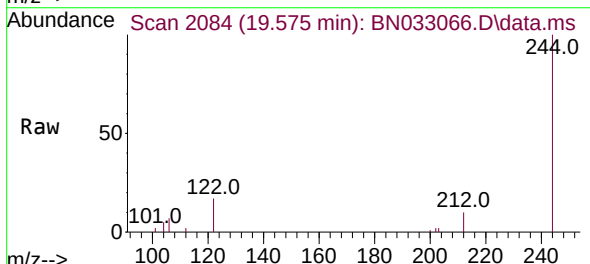
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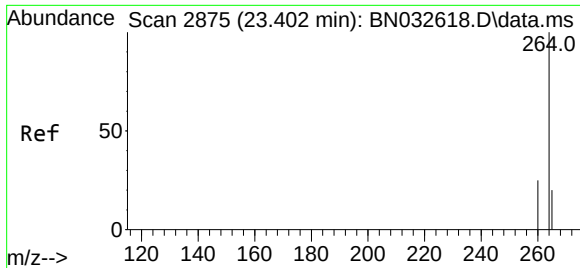
Tgt Ion:240 Resp: 22776
Ion Ratio Lower Upper
240 100
120 17.4 14.8 22.2
236 28.8 23.3 34.9



#31
Terphenyl-d14
Concen: 0.252 ng
RT: 19.575 min Scan# 2084
Delta R.T. -0.021 min
Lab File: BN033066.D
Acq: 29 Jul 2024 12:40

Tgt Ion:244 Resp: 11745
Ion Ratio Lower Upper
244 100
212 10.5 7.5 11.3
122 16.9 12.6 19.0





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.353 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BN033066.D
 Acq: 29 Jul 2024 12:40

Instrument :
 BNA_N
 ClientSampleId :
 VPB189-HYD-20240717RE

Tgt Ion:	264	Resp:	19732
Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.9	31.3
265	63.8	85.4	128.2#

