

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
 Data File : BN034156.D
 Acq On : 22 Sep 2024 10:49
 Operator : JU/RC
 Sample : SP6634
 Misc : 8270 SIM SURROGATE
 ALS Vial : 121 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP6634

Quant Time: Sep 23 00:06:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 18 16:09:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.423	152	6379	0.400	ng	-0.01
7) Naphthalene-d8	10.180	136	16816	0.400	ng	#-0.02
13) Acenaphthene-d10	14.069	164	9040	0.400	ng	-0.01
19) Phenanthrene-d10	16.828	188	17718	0.400	ng	#-0.01
29) Chrysene-d12	21.050	240	8734	0.400	ng	0.00
35) Perylene-d12	23.172	264	7073	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.069	112	6466	0.357	ng	0.00
5) Phenol-d6	6.629	99	6208	0.295	ng	0.00
8) Nitrobenzene-d5	8.568	82	4637	0.360	ng	0.00
11) 2-Methylnaphthalene-d10	11.784	152	9579	0.386	ng	-0.01
14) 2,4,6-Tribromophenol	15.586	330	659	0.161	ng	0.00
15) 2-Fluorobiphenyl	12.689	172	14082	0.383	ng	-0.01
27) Fluoranthene-d10	18.878	212	15711	0.351	ng	0.00
31) Terphenyl-d14	19.496	244	9072	0.520	ng	0.00

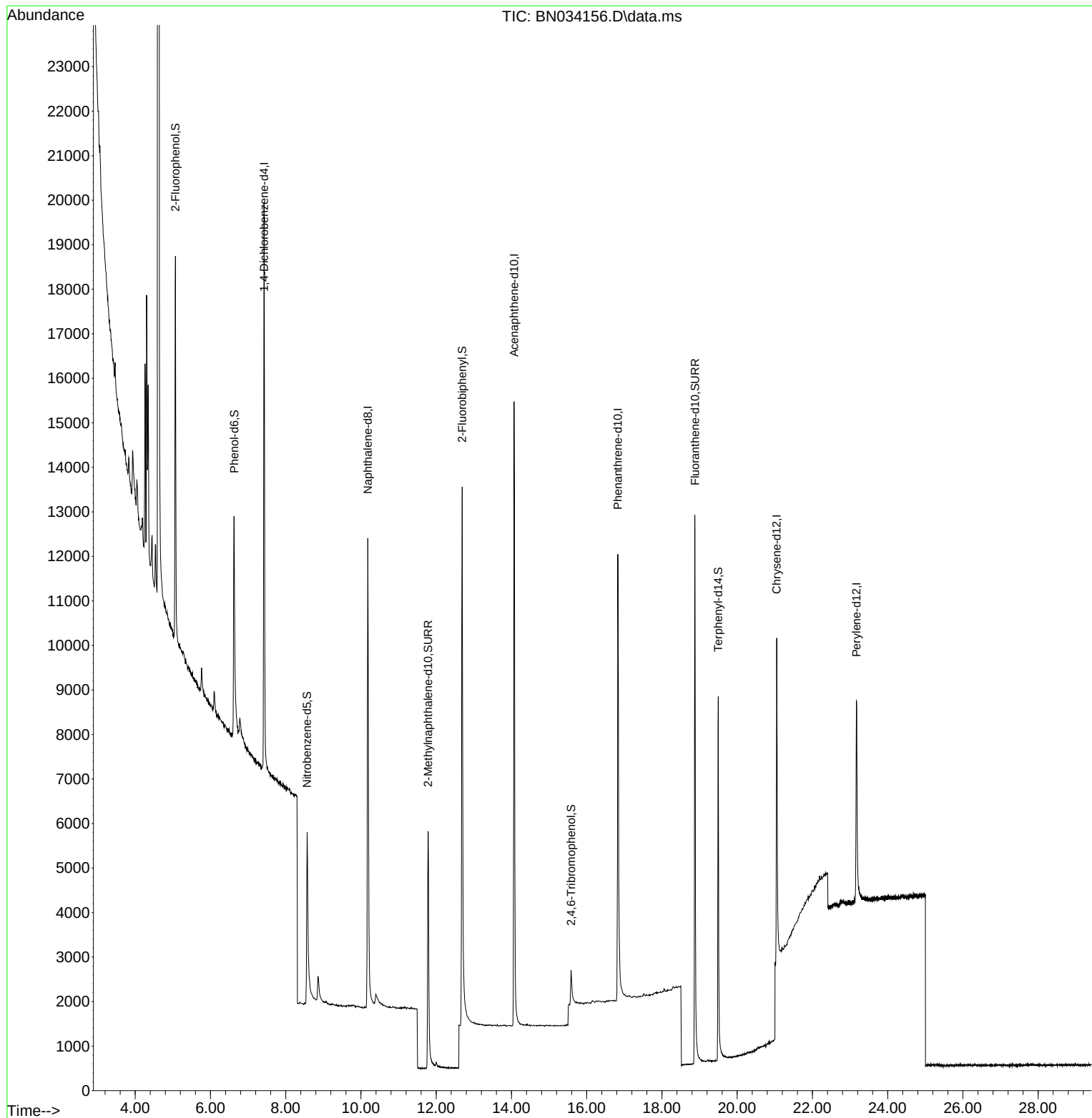
Target Compounds Qvalue

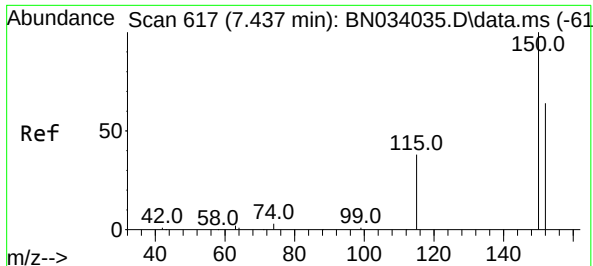
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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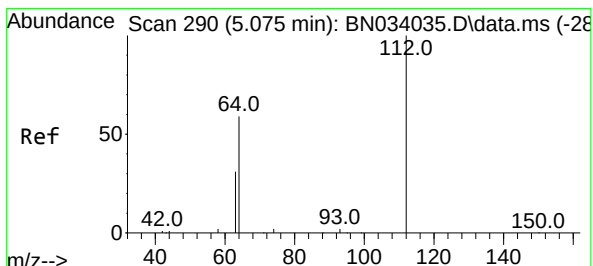
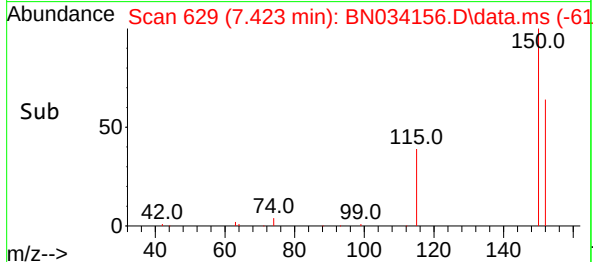
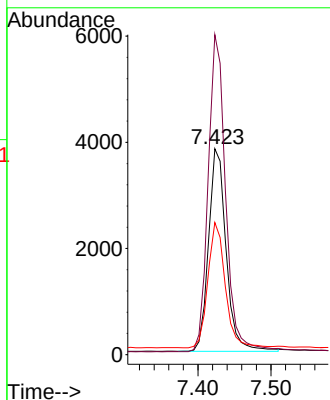
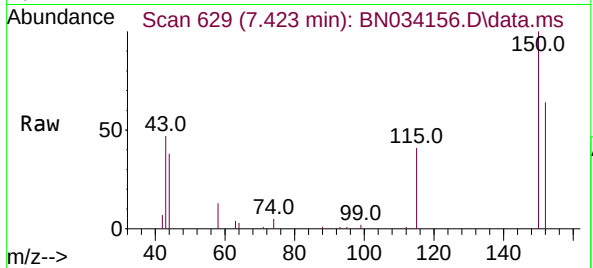




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.423 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN034156.D
Acq: 22 Sep 2024 10:49

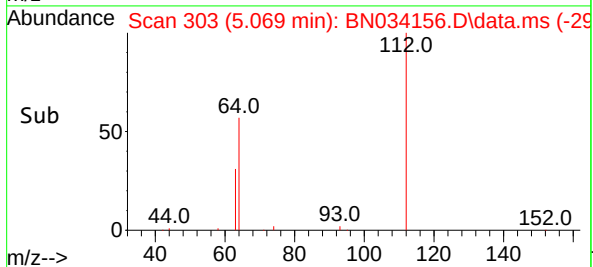
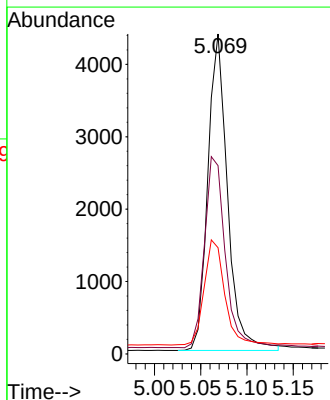
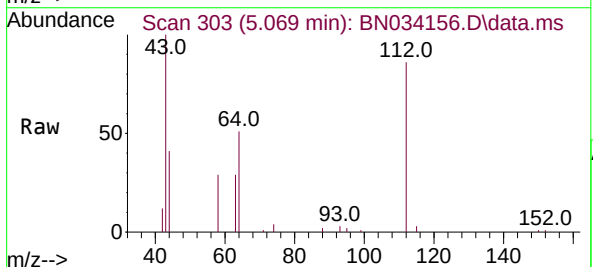
Instrument :
BNA_N
ClientSampleId :
SP6634

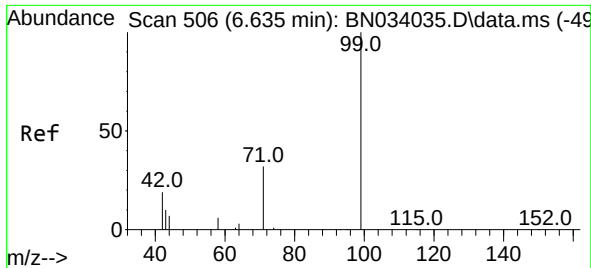
Tgt Ion:152 Resp: 6379
Ion Ratio Lower Upper
152 100
150 155.4 124.6 187.0
115 64.2 50.0 75.0



#4
2-Fluorophenol
Concen: 0.357 ng
RT: 5.069 min Scan# 303
Delta R.T. -0.006 min
Lab File: BN034156.D
Acq: 22 Sep 2024 10:49

Tgt Ion:112 Resp: 6466
Ion Ratio Lower Upper
112 100
64 63.9 48.6 72.8
63 34.9 25.6 38.4

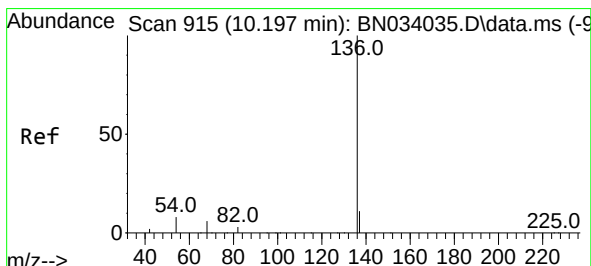
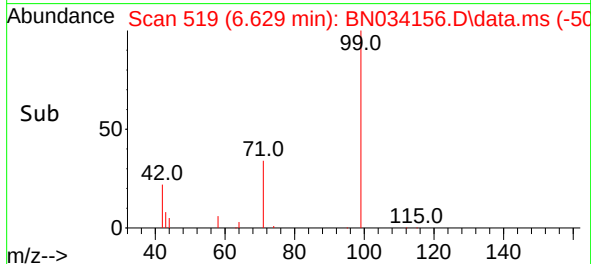
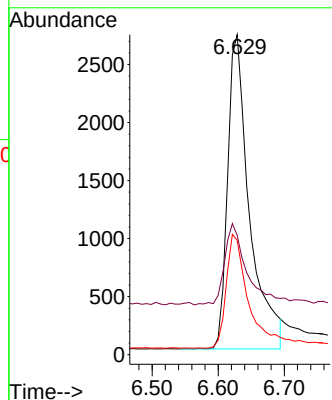
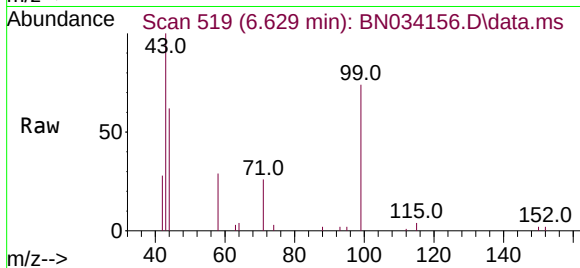




#5
Phenol-d6
Concen: 0.295 ng
RT: 6.629 min Scan# 519
Delta R.T. -0.006 min
Lab File: BN034156.D
Acq: 22 Sep 2024 10:49

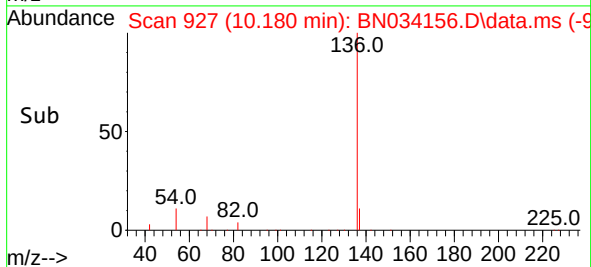
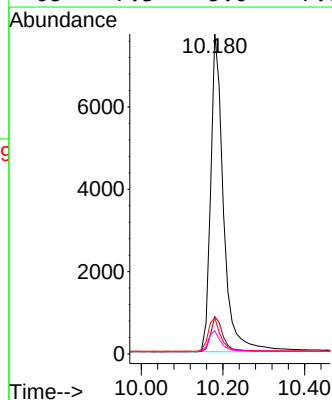
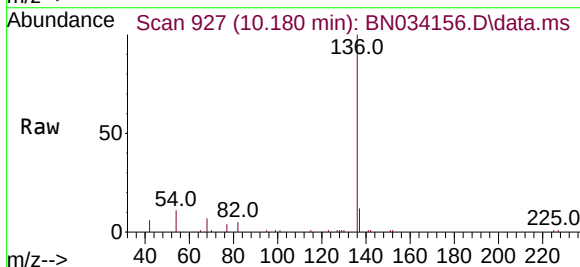
Instrument :
BNA_N
ClientSampleId :
SP6634

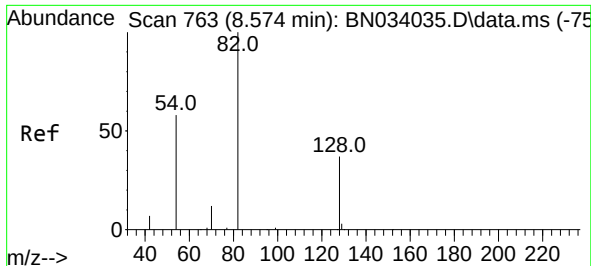
Tgt Ion: 99 Resp: 6208
Ion Ratio Lower Upper
99 100
42 26.1 17.8 26.8
71 36.4 26.2 39.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.180 min Scan# 927
Delta R.T. -0.017 min
Lab File: BN034156.D
Acq: 22 Sep 2024 10:49

Tgt Ion: 136 Resp: 16816
Ion Ratio Lower Upper
136 100
137 11.7 9.0 13.6
54 11.4 6.8 10.2#
68 7.3 5.0 7.6

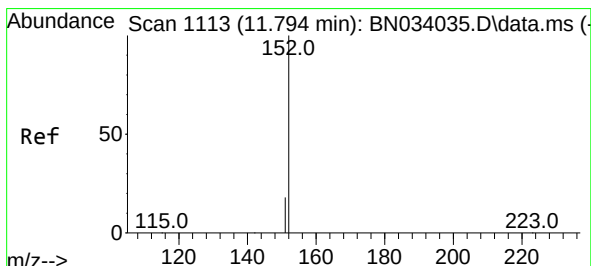
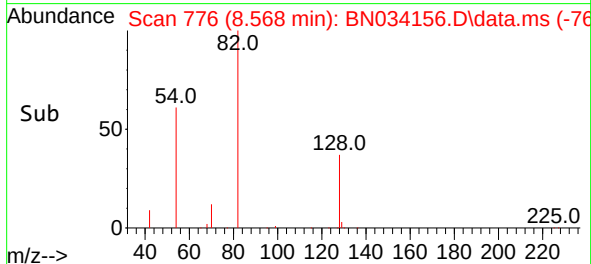
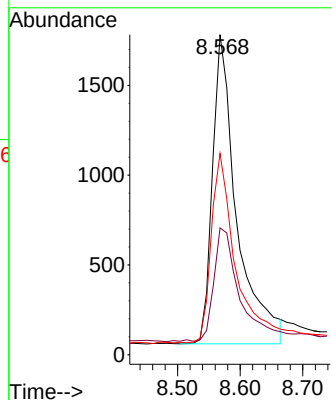
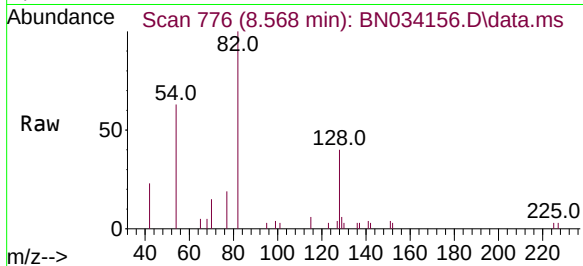




#8
Nitrobenzene-d5
Concen: 0.360 ng
RT: 8.568 min Scan# 71
Delta R.T. -0.006 min
Lab File: BN034156.D
Acq: 22 Sep 2024 10:49

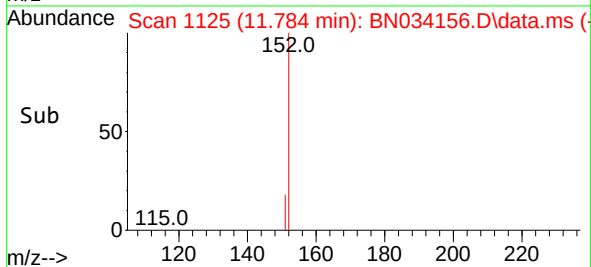
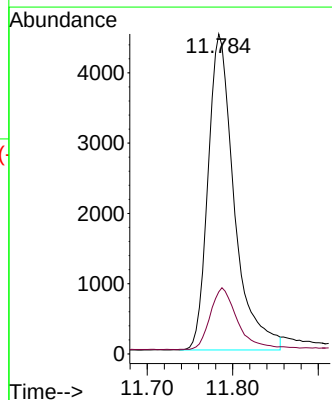
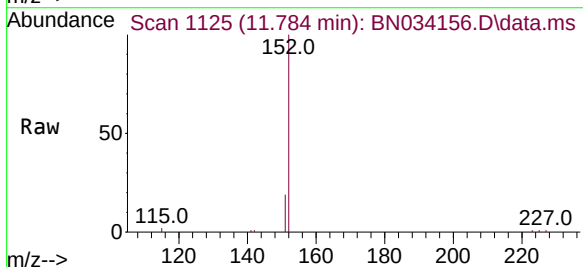
Instrument :
BNA_N
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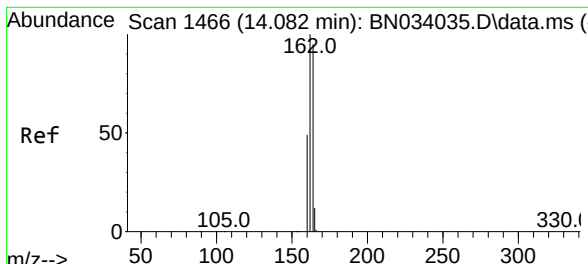
Tgt Ion: 82 Resp: 4637
Ion Ratio Lower Upper
82 100
128 39.6 31.4 47.2
54 62.9 47.4 71.0



#11
2-Methylnaphthalene-d10
Concen: 0.386 ng
RT: 11.784 min Scan# 1125
Delta R.T. -0.010 min
Lab File: BN034156.D
Acq: 22 Sep 2024 10:49

Tgt Ion: 152 Resp: 9579
Ion Ratio Lower Upper
152 100
151 20.3 16.8 25.2

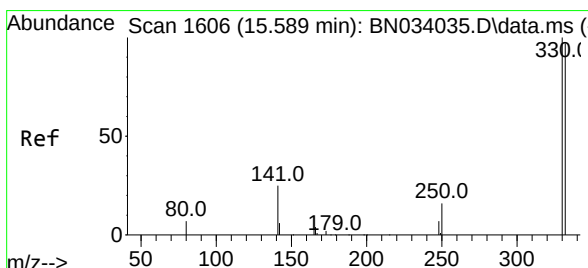
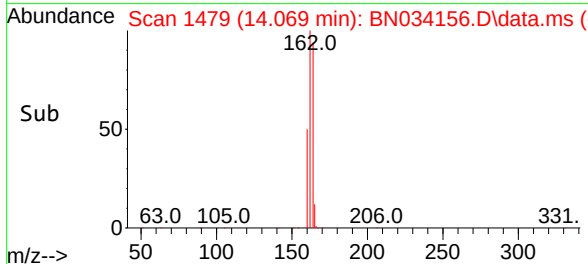
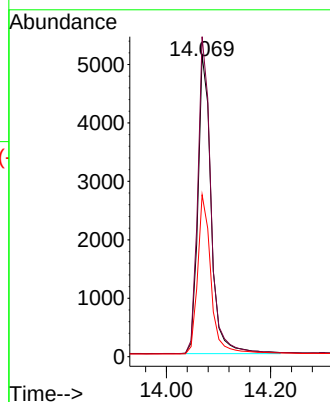
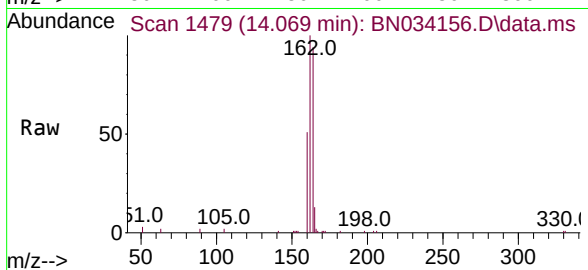




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.069 min Scan# 14
 Delta R.T. -0.013 min
 Lab File: BN034156.D
 Acq: 22 Sep 2024 10:49

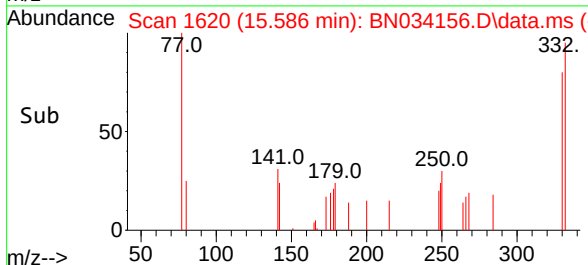
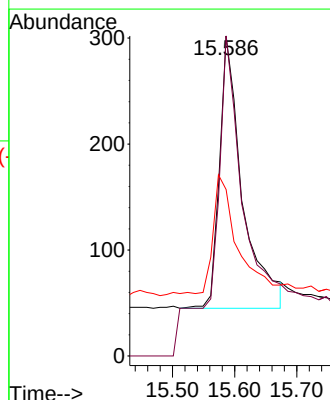
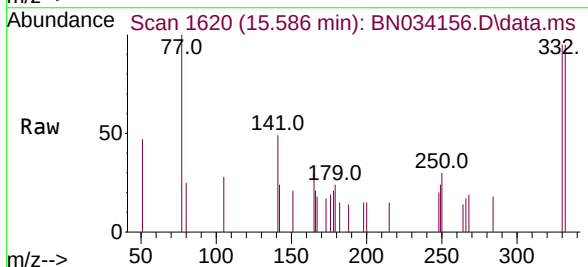
Instrument :
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 ClientSampleId :
 SP6634

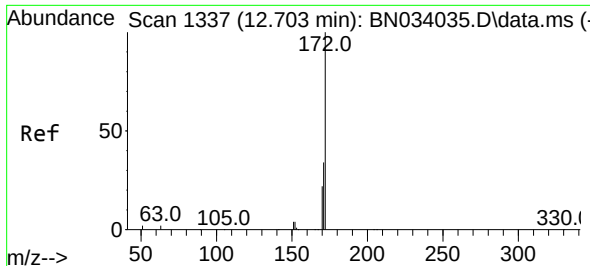
Tgt Ion:164 Resp: 9040
 Ion Ratio Lower Upper
 164 100
 162 106.1 84.2 126.2
 160 53.7 41.7 62.5



#14
 2,4,6-Tribromophenol
 Concen: 0.161 ng
 RT: 15.586 min Scan# 1620
 Delta R.T. -0.002 min
 Lab File: BN034156.D
 Acq: 22 Sep 2024 10:49

Tgt Ion:330 Resp: 659
 Ion Ratio Lower Upper
 330 100
 332 164.9 77.4 116.0#
 141 45.8 35.9 53.9

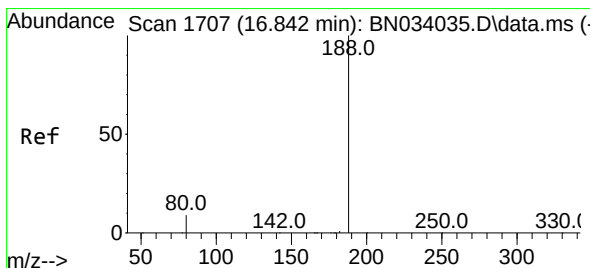
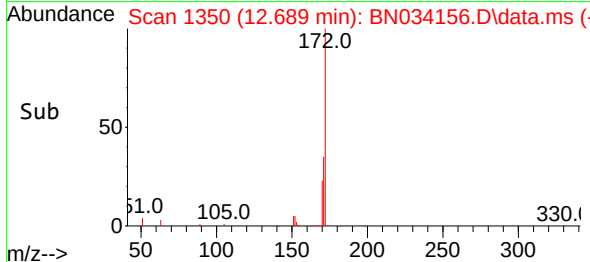
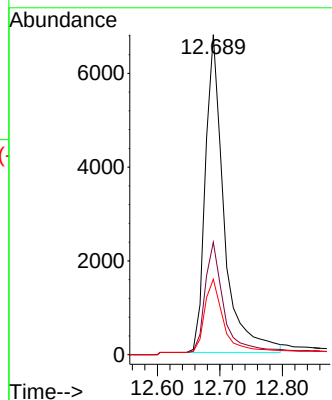
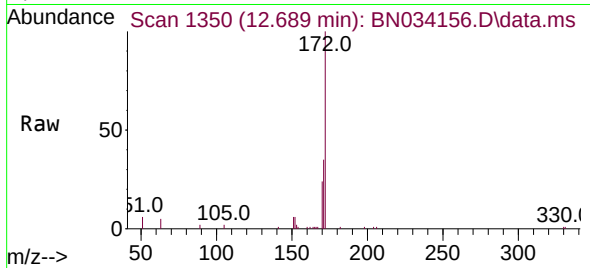




#15
2-Fluorobiphenyl
Concen: 0.383 ng
RT: 12.689 min Scan# 11
Delta R.T. -0.013 min
Lab File: BN034156.D
Acq: 22 Sep 2024 10:49

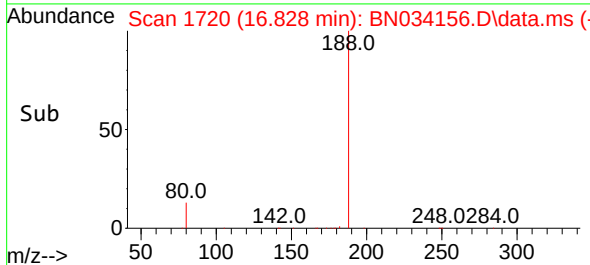
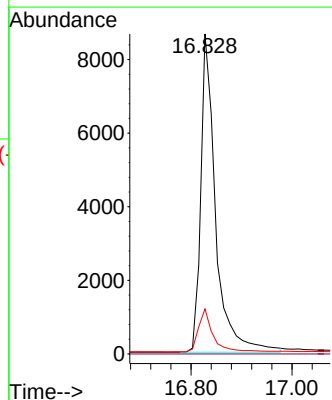
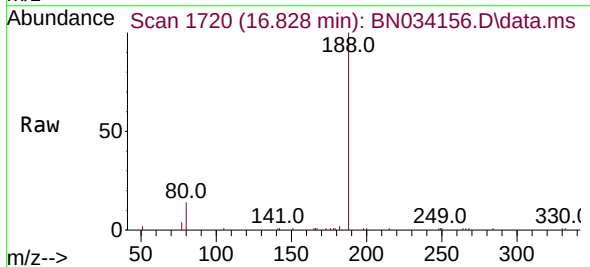
Instrument :
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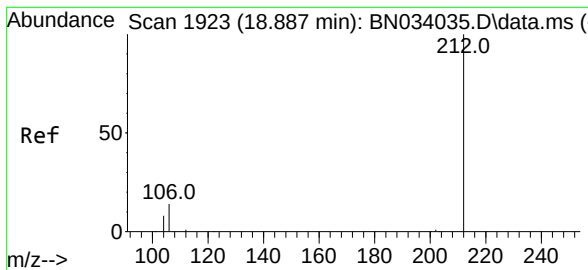
Tgt Ion:	172	Resp:	14082
Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.3	40.9
170	23.5	18.1	27.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.828 min Scan# 1720
Delta R.T. -0.015 min
Lab File: BN034156.D
Acq: 22 Sep 2024 10:49

Tgt Ion:	188	Resp:	17718
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.1	7.4	11.0

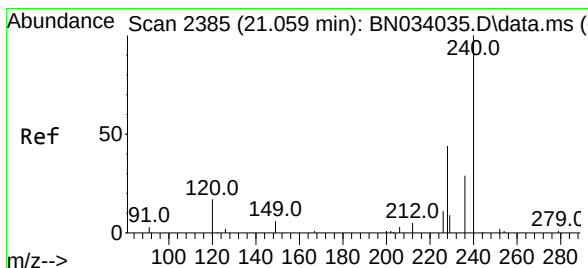
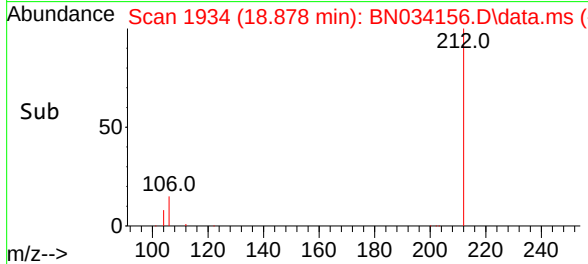
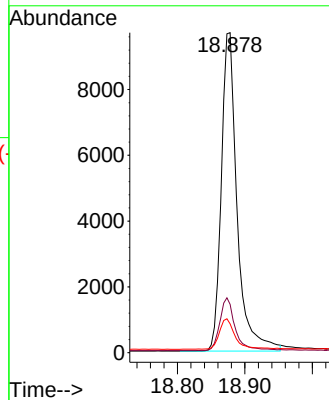
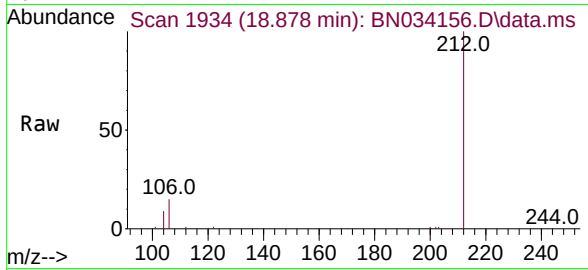




#27
Fluoranthene-d10
Concen: 0.351 ng
RT: 18.878 min Scan# 1923
Delta R.T. -0.009 min
Lab File: BN034156.D
Acq: 22 Sep 2024 10:49

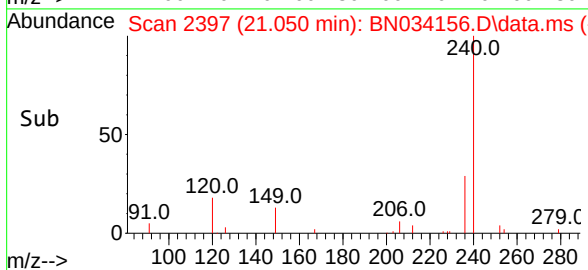
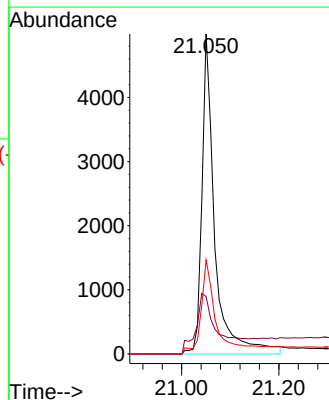
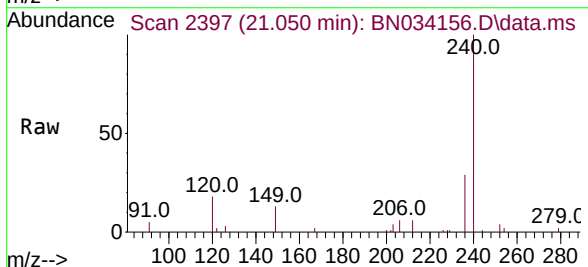
Instrument :
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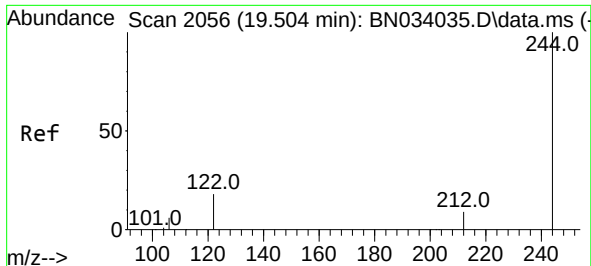
Tgt Ion:212 Resp: 15711
Ion Ratio Lower Upper
212 100
106 16.2 13.4 20.2
104 9.5 7.8 11.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.050 min Scan# 2397
Delta R.T. -0.008 min
Lab File: BN034156.D
Acq: 22 Sep 2024 10:49

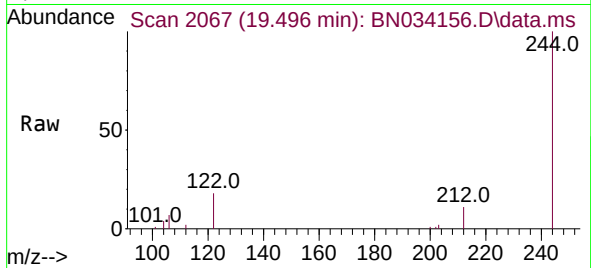
Tgt Ion:240 Resp: 8734
Ion Ratio Lower Upper
240 100
120 18.0 13.5 20.3
236 29.4 23.4 35.0



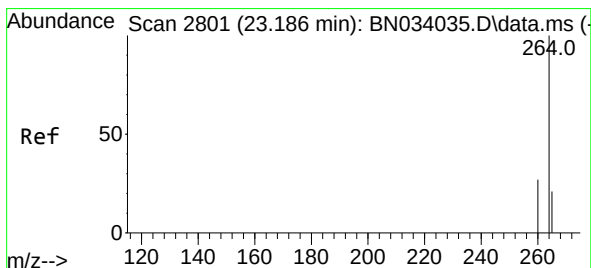
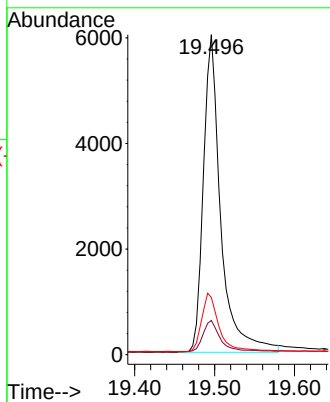
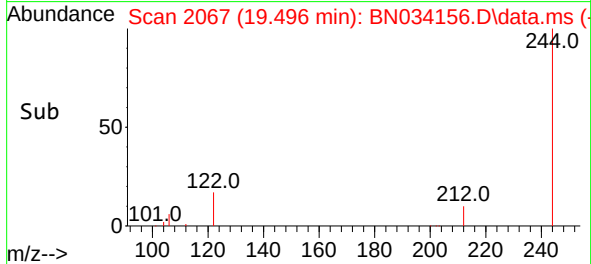


#31
Terphenyl-d14
Concen: 0.520 ng
RT: 19.496 min Scan# 2067
Delta R.T. -0.009 min
Lab File: BN034156.D
Acq: 22 Sep 2024 10:49

Instrument :
BNA_N
ClientSampleId :
SP6634



Tgt Ion:244 Resp: 9072
Ion Ratio Lower Upper
244 100
212 10.7 7.8 11.6
122 17.9 14.8 22.2



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.172 min Scan# 2809
Delta R.T. -0.014 min
Lab File: BN034156.D
Acq: 22 Sep 2024 10:49

Tgt Ion:264 Resp: 7073
Ion Ratio Lower Upper
264 100
260 27.0 21.7 32.5
265 101.8 52.1 78.1#

