

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
 Data File : BN034148.D
 Acq On : 22 Sep 2024 06:00
 Operator : JU/RC
 Sample : P4116-02
 Misc :
 ALS Vial : 113 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE123D2-20240916

Quant Time: Sep 23 00:04:02 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)

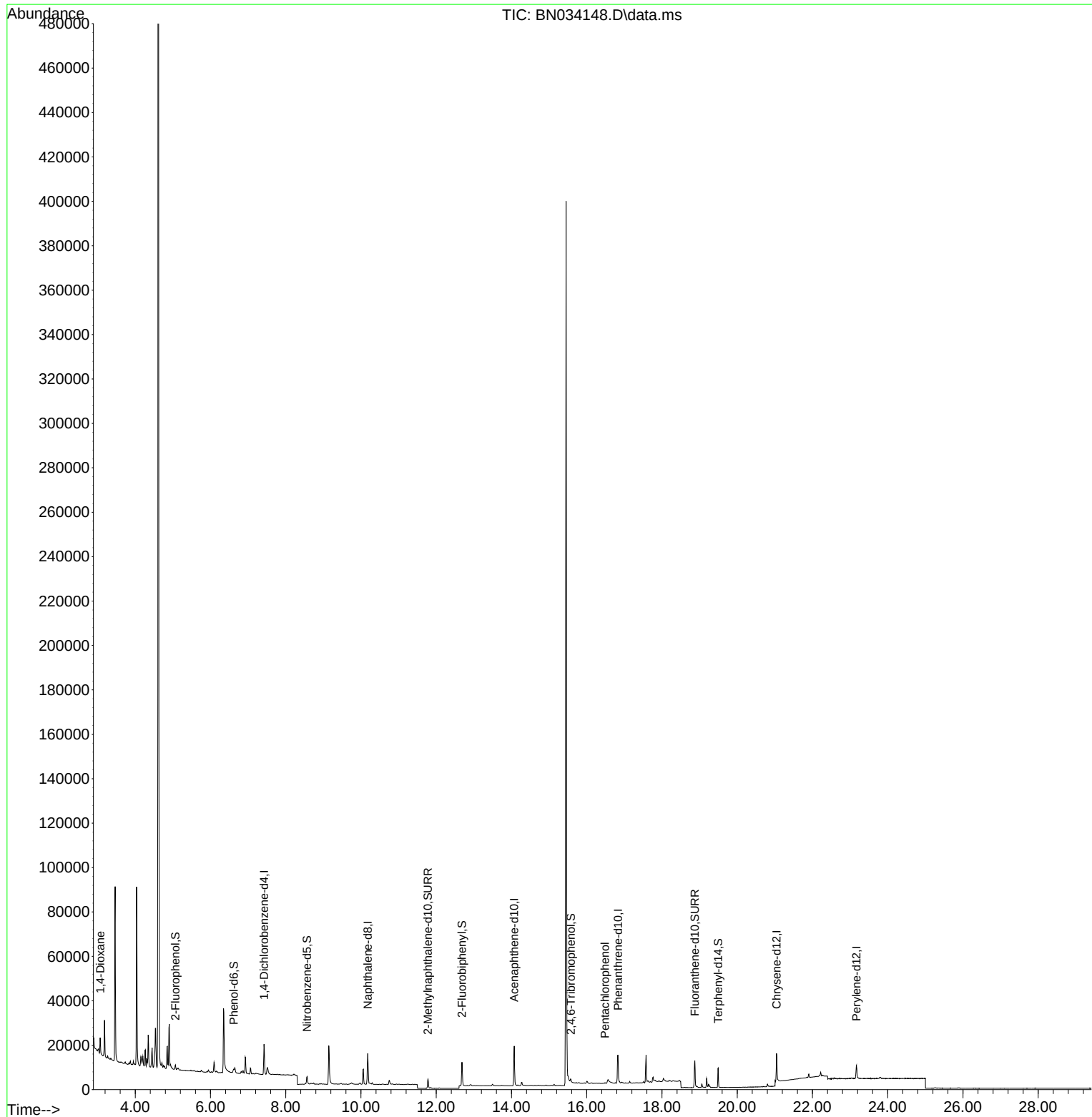
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.423	152	6308	0.400	ng	-0.01
7) Naphthalene-d8	10.180	136	17705	0.400	ng	-0.02
13) Acenaphthene-d10	14.072	164	9573	0.400	ng	0.00
19) Phenanthrene-d10	16.833	188	19888	0.400	ng	0.00
29) Chrysene-d12	21.044	240	12392	0.400	ng	#-0.01
35) Perylene-d12	23.168	264	7751	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.069	112	1462	0.082	ng	0.00
5) Phenol-d6	6.622	99	1161	0.056	ng	-0.01
8) Nitrobenzene-d5	8.568	82	3239	0.239	ng	0.00
11) 2-Methylnaphthalene-d10	11.780	152	5884	0.225	ng	-0.01
14) 2,4,6-Tribromophenol	15.579	330	804	0.185	ng	0.00
15) 2-Fluorobiphenyl	12.683	172	9648	0.248	ng	-0.02
27) Fluoranthene-d10	18.871	212	12427	0.248	ng	-0.02
31) Terphenyl-d14	19.494	244	8042	0.325	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.068	88	1544	0.196	ng	# 1
24) Pentachlorophenol	16.486	266	180	0.043	ng	93

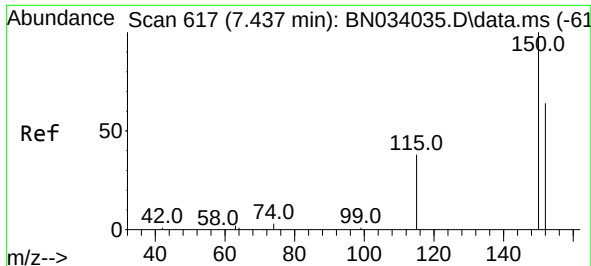
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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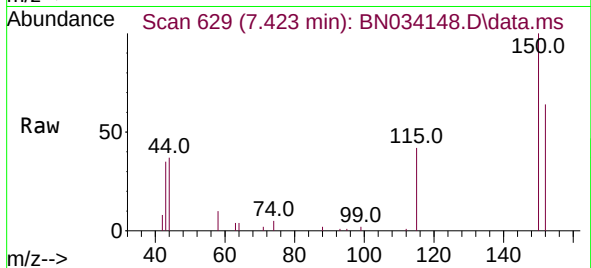
Quant Time: Sep 23 00:04:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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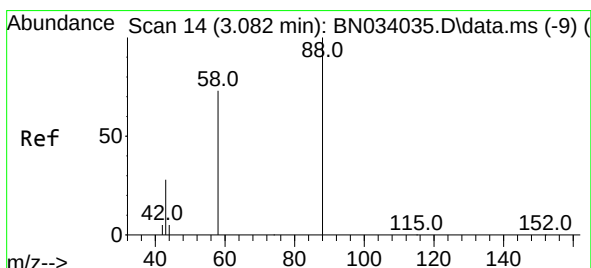
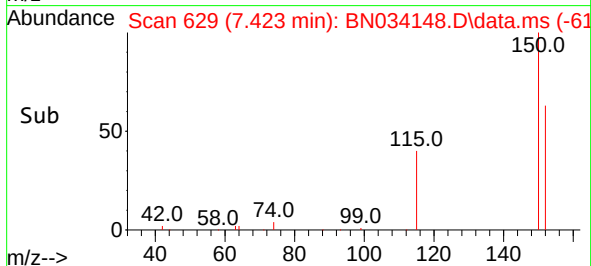
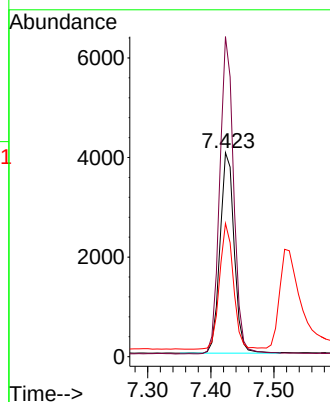
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.423 min Scan# 61
 Delta R.T. -0.014 min
 Lab File: BN034148.D
 Acq: 22 Sep 2024 06:00

Instrument :
 BNA_N
 ClientSampleId :
 RE123D2-20240916



Tgt Ion:152 Resp: 6308

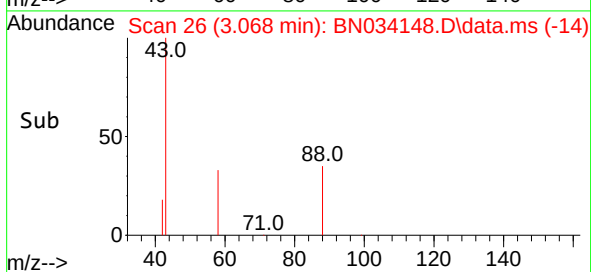
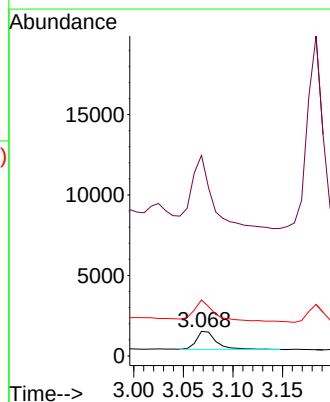
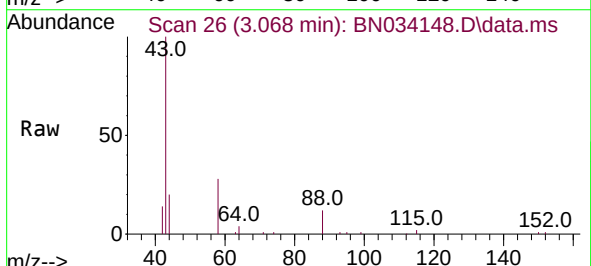
Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.6	187.0
115	65.3	50.0	75.0

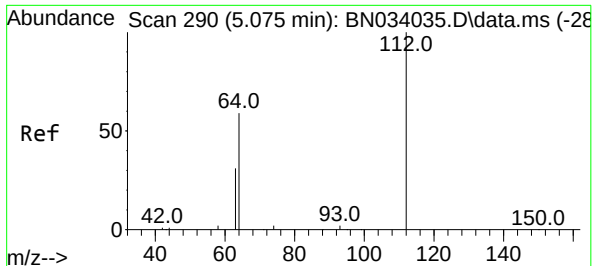


#2
 1,4-Dioxane
 Concen: 0.196 ng
 RT: 3.068 min Scan# 26
 Delta R.T. -0.013 min
 Lab File: BN034148.D
 Acq: 22 Sep 2024 06:00

Tgt Ion: 88 Resp: 1544

Ion	Ratio	Lower	Upper
88	100		
43	415.5	25.8	38.8#
58	120.1	58.8	88.2#

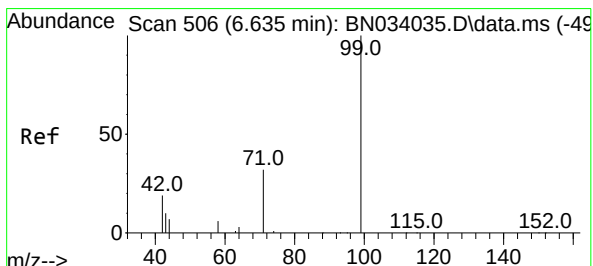
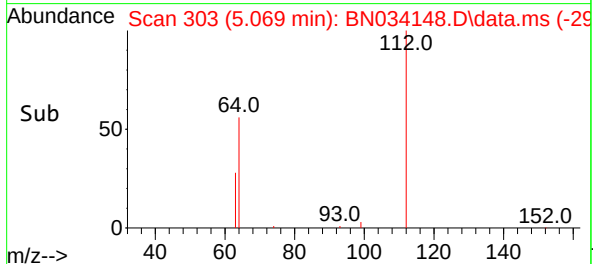
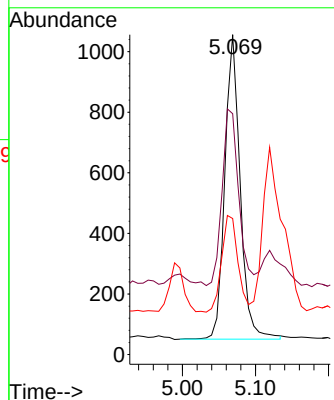
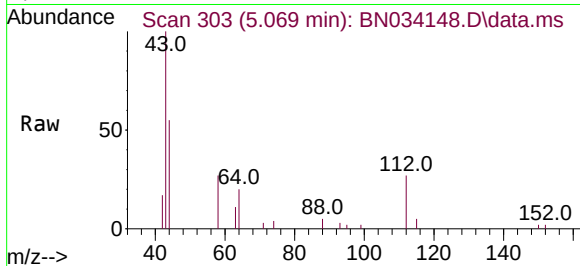




#4
2-Fluorophenol
Concen: 0.082 ng
RT: 5.069 min Scan# 30
Delta R.T. -0.006 min
Lab File: BN034148.D
Acq: 22 Sep 2024 06:00

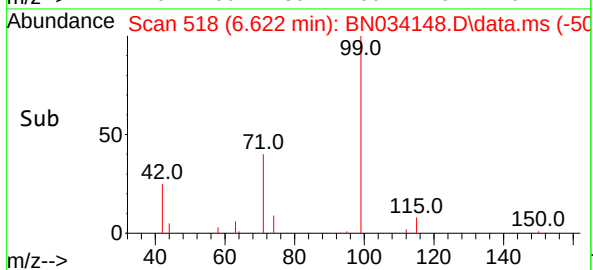
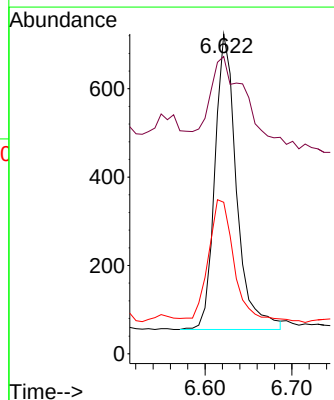
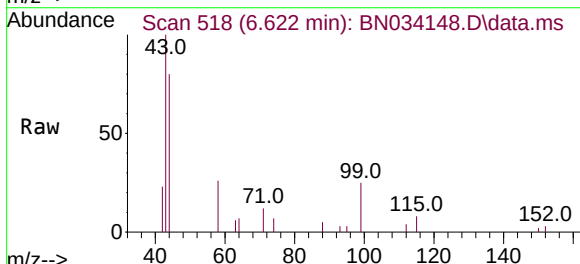
Instrument :
BNA_N
ClientSampleId :
RE123D2-20240916

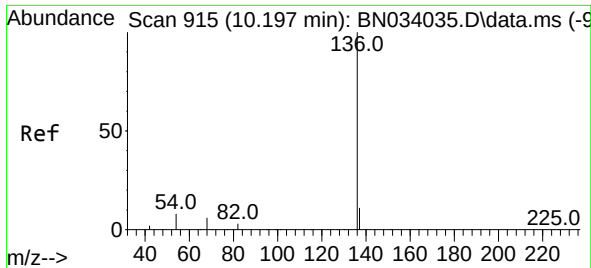
Tgt Ion:112 Resp: 1462
Ion Ratio Lower Upper
112 100
64 62.7 48.6 72.8
63 33.8 25.6 38.4



#5
Phenol-d6
Concen: 0.056 ng
RT: 6.622 min Scan# 518
Delta R.T. -0.013 min
Lab File: BN034148.D
Acq: 22 Sep 2024 06:00

Tgt Ion: 99 Resp: 1161
Ion Ratio Lower Upper
99 100
42 46.7 17.8 26.8#
71 45.9 26.2 39.2#

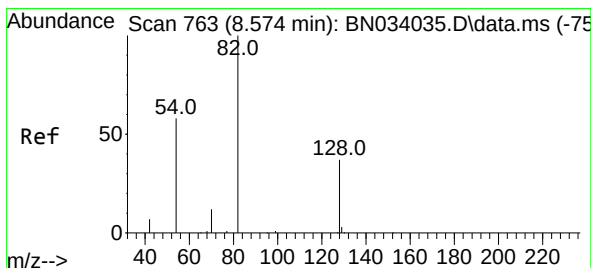
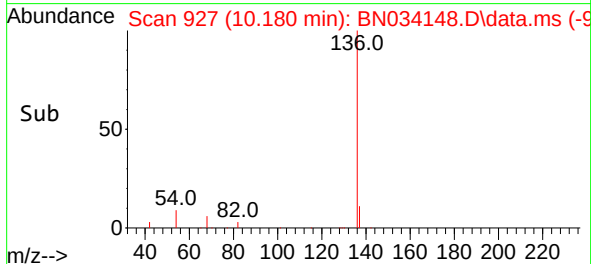
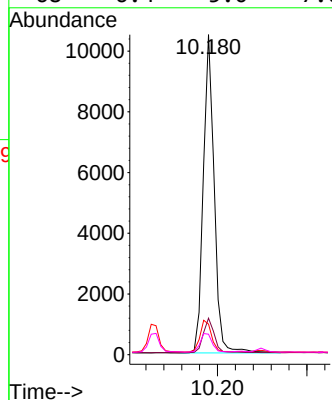
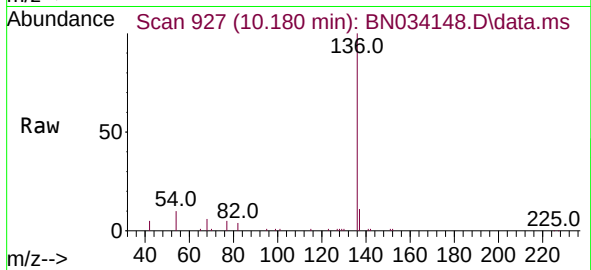




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.180 min Scan# 915
Delta R.T. -0.017 min
Lab File: BN034148.D
Acq: 22 Sep 2024 06:00

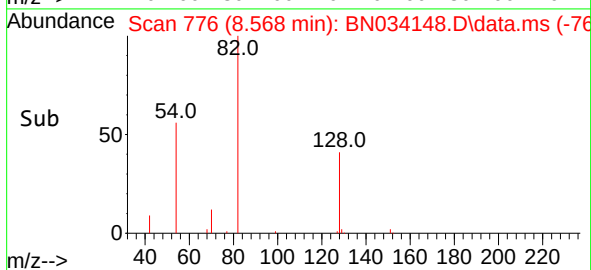
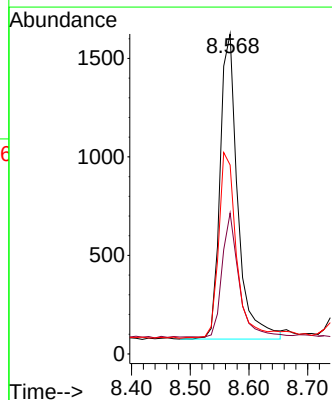
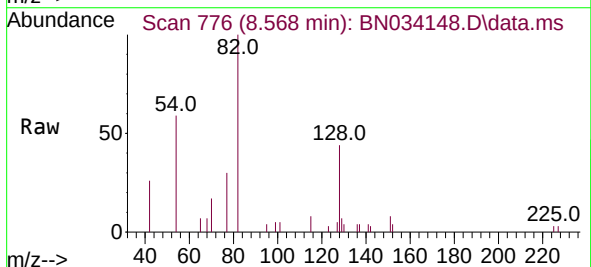
Instrument :
BNA_N
ClientSampleId :
RE123D2-20240916

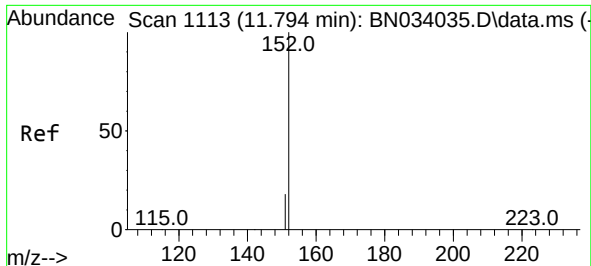
Tgt Ion:	136	Resp:	17705
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.0	13.6
54	9.5	6.8	10.2
68	6.4	5.0	7.6



#8
Nitrobenzene-d5
Concen: 0.239 ng
RT: 8.568 min Scan# 776
Delta R.T. -0.006 min
Lab File: BN034148.D
Acq: 22 Sep 2024 06:00

Tgt Ion:	82	Resp:	3239
Ion Ratio	Lower	Upper	
82	100		
128	44.0	31.4	47.2
54	59.1	47.4	71.0

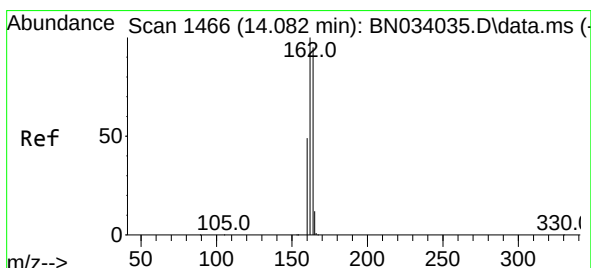
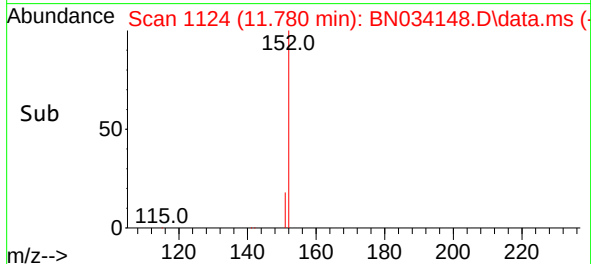
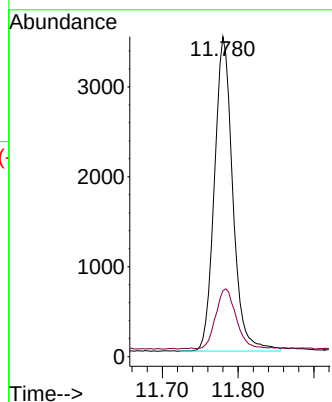
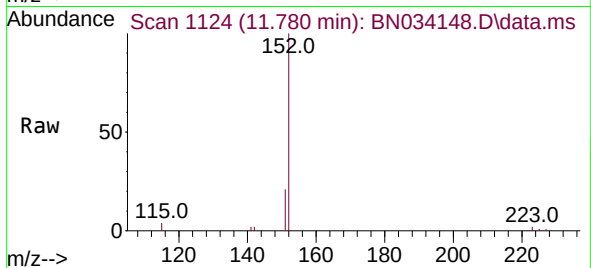




#11
2-Methylnaphthalene-d10
Concen: 0.225 ng
RT: 11.780 min Scan# 1113
Delta R.T. -0.014 min
Lab File: BN034148.D
Acq: 22 Sep 2024 06:00

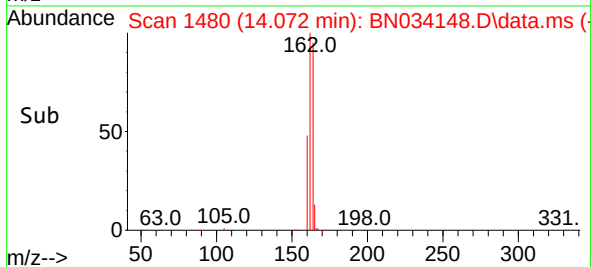
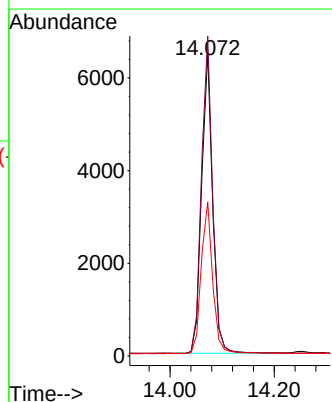
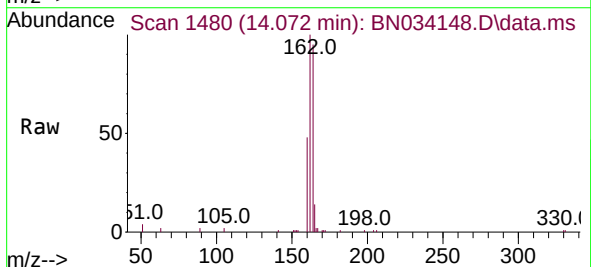
Instrument :
BNA_N
ClientSampleId :
RE123D2-20240916

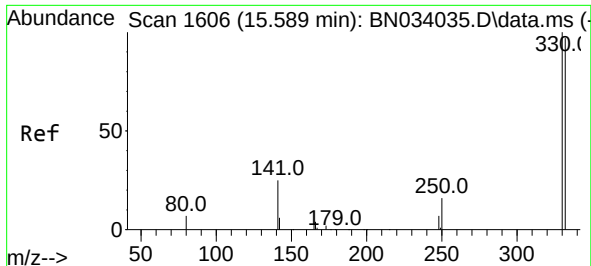
Tgt Ion:152 Resp: 5884
Ion Ratio Lower Upper
152 100
151 21.1 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.072 min Scan# 1480
Delta R.T. -0.009 min
Lab File: BN034148.D
Acq: 22 Sep 2024 06:00

Tgt Ion:164 Resp: 9573
Ion Ratio Lower Upper
164 100
162 105.5 84.2 126.2
160 50.8 41.7 62.5

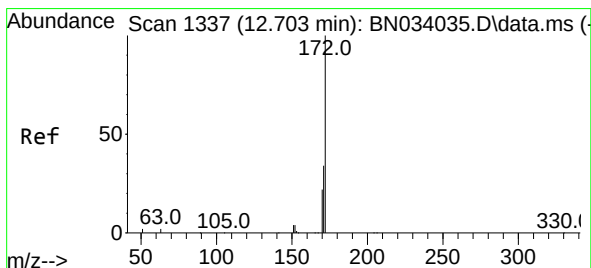
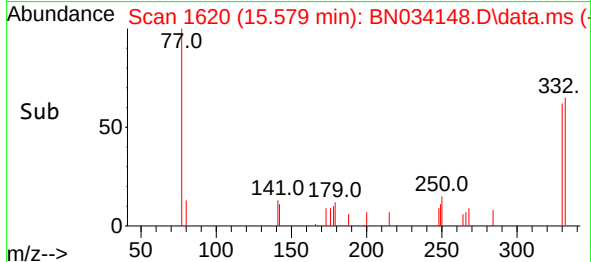
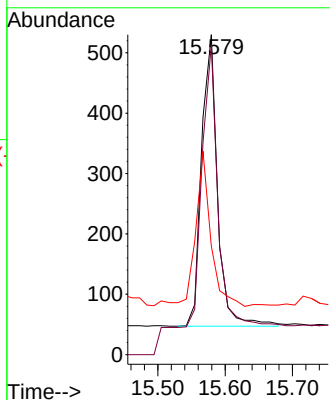
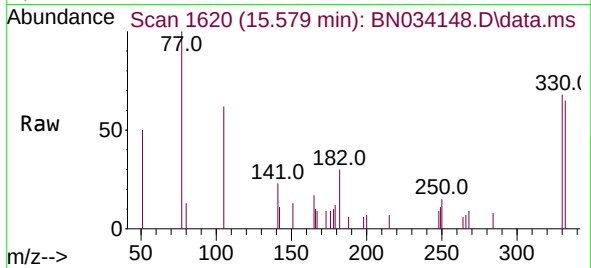




#14
2,4,6-Tribromophenol
Concen: 0.185 ng
RT: 15.579 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN034148.D
Acq: 22 Sep 2024 06:00

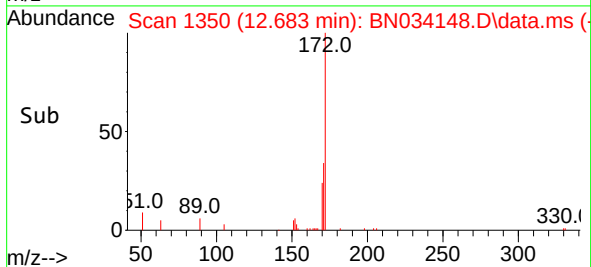
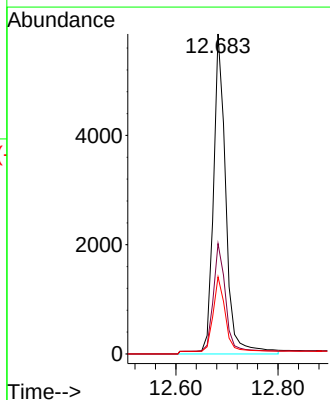
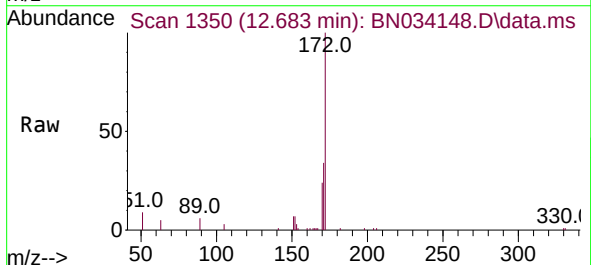
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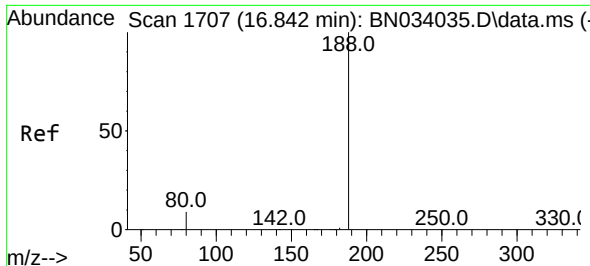
Tgt Ion:330 Resp: 804
Ion Ratio Lower Upper
330 100
332 95.1 77.4 116.0
141 46.9 35.9 53.9



#15
2-Fluorobiphenyl
Concen: 0.248 ng
RT: 12.683 min Scan# 1350
Delta R.T. -0.020 min
Lab File: BN034148.D
Acq: 22 Sep 2024 06:00

Tgt Ion:172 Resp: 9648
Ion Ratio Lower Upper
172 100
171 34.5 27.3 40.9
170 24.1 18.1 27.1

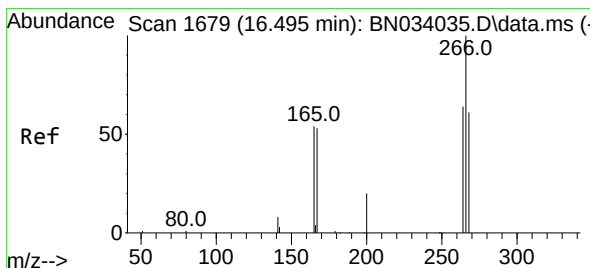
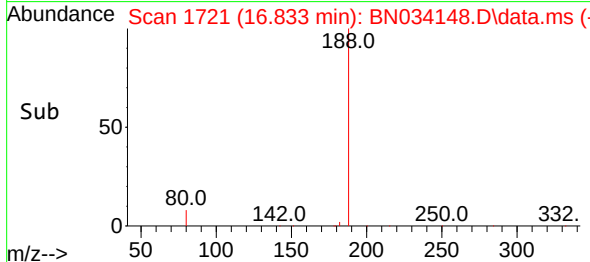
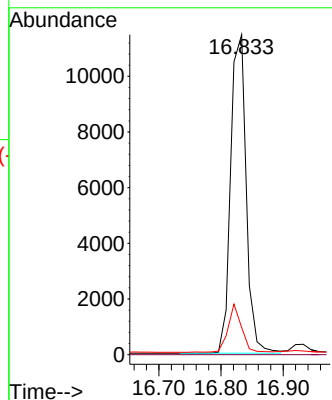
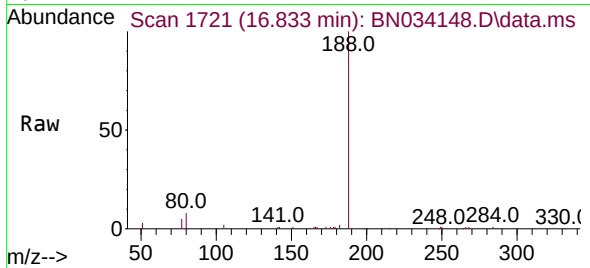




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.833 min Scan# 11
Delta R.T. -0.009 min
Lab File: BN034148.D
Acq: 22 Sep 2024 06:00

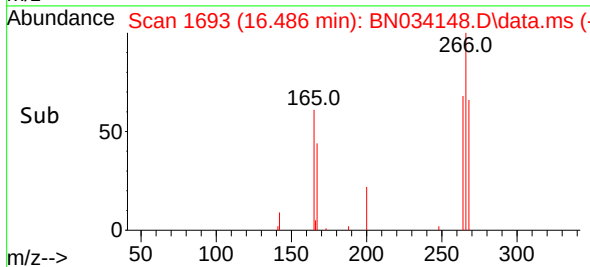
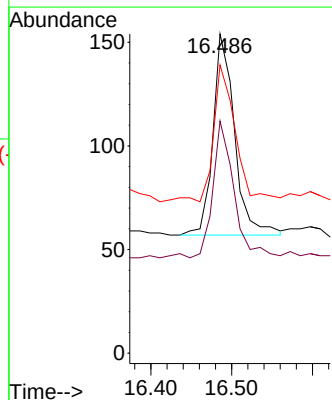
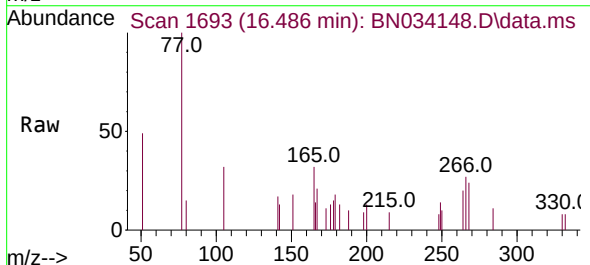
Instrument :
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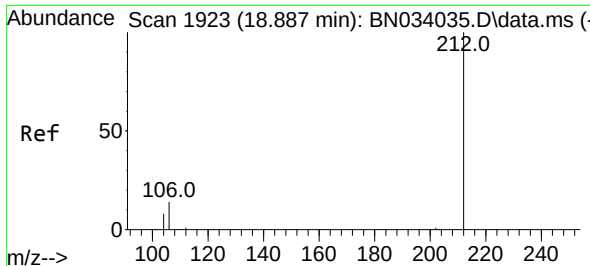
Tgt Ion:188 Resp: 19888
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.5 7.4 11.0



#24
Pentachlorophenol
Concen: 0.043 ng
RT: 16.486 min Scan# 1693
Delta R.T. -0.009 min
Lab File: BN034148.D
Acq: 22 Sep 2024 06:00

Tgt Ion:266 Resp: 180
Ion Ratio Lower Upper
266 100
264 67.2 50.2 75.2
268 69.4 51.0 76.4

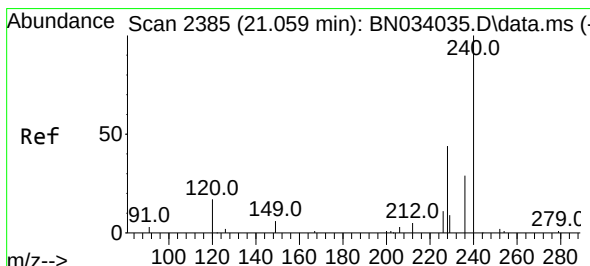
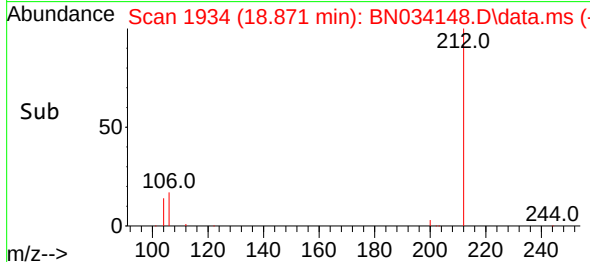
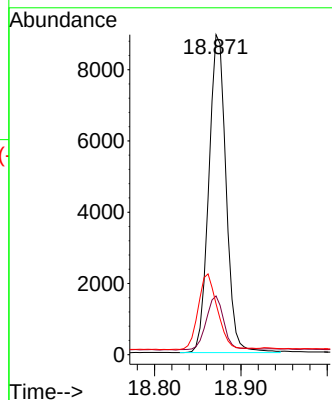
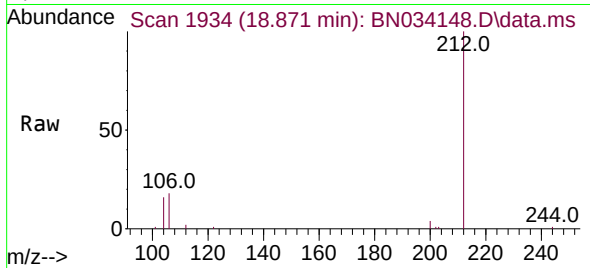




#27
Fluoranthene-d10
Concen: 0.248 ng
RT: 18.871 min Scan# 1934
Delta R.T. -0.016 min
Lab File: BN034148.D
Acq: 22 Sep 2024 06:00

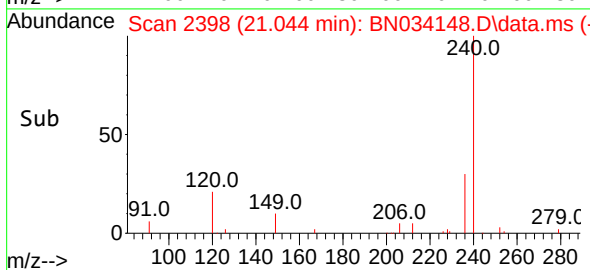
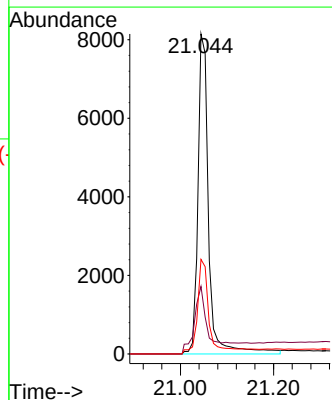
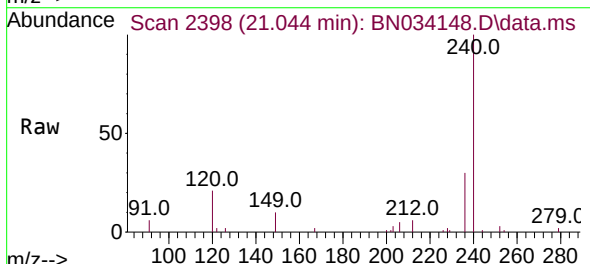
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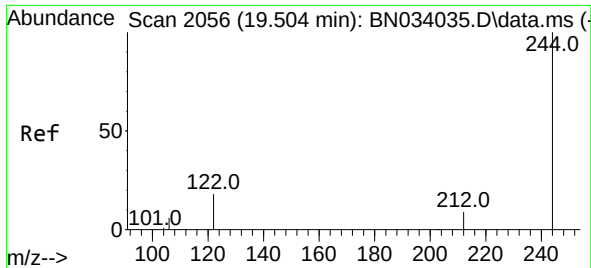
Tgt Ion:212 Resp: 12427
Ion Ratio Lower Upper
212 100
106 17.7 13.4 20.2
104 26.6 7.8 11.6#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.044 min Scan# 2398
Delta R.T. -0.015 min
Lab File: BN034148.D
Acq: 22 Sep 2024 06:00

Tgt Ion:240 Resp: 12392
Ion Ratio Lower Upper
240 100
120 21.1 13.5 20.3#
236 29.6 23.4 35.0

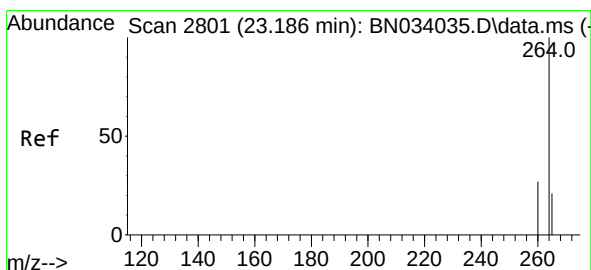
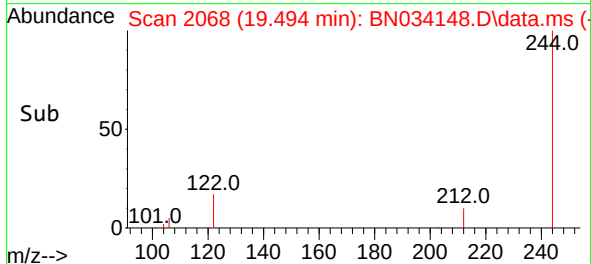
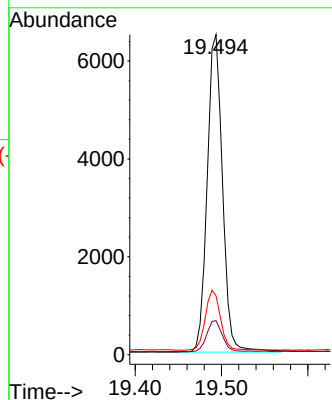
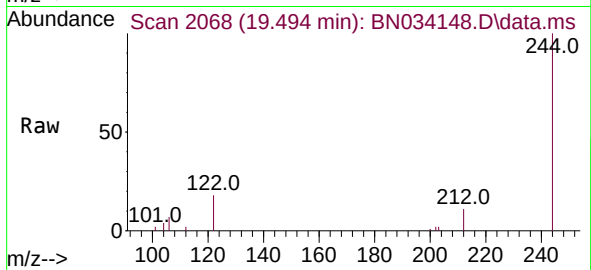




#31
Terphenyl-d14
Concen: 0.325 ng
RT: 19.494 min Scan# 2056
Delta R.T. -0.011 min
Lab File: BN034148.D
Acq: 22 Sep 2024 06:00

Instrument :
BNA_N
ClientSampleId :
RE123D2-20240916

Tgt Ion:244 Resp: 8042
Ion Ratio Lower Upper
244 100
212 10.7 7.8 11.6
122 18.4 14.8 22.2



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.168 min Scan# 2811
Delta R.T. -0.018 min
Lab File: BN034148.D
Acq: 22 Sep 2024 06:00

Tgt Ion:264 Resp: 7751
Ion Ratio Lower Upper
264 100
260 27.8 21.7 32.5
265 91.0 52.1 78.1#

