

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120623\
 Data File : BN029059.D
 Acq On : 06 Dec 2023 17:13
 Operator : MA/JU
 Sample : PB157235BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB157235BL

Quant Time: Dec 06 17:41:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 00:49:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	1292	0.400	ng	0.00
7) Naphthalene-d8	10.552	136	2551	0.400	ng	#-0.01
13) Acenaphthene-d10	14.396	164	1404	0.400	ng	0.00
19) Phenanthrene-d10	17.147	188	4605	0.400	ng	0.00
29) Chrysene-d12	21.356	240	2141	0.400	ng	# 0.00
35) Perylene-d12	23.670	264	262	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	1100	0.376	ng	0.00
5) Phenol-d6	6.981	99	1124	0.322	ng	0.00
8) Nitrobenzene-d5	8.939	82	823	0.267	ng	0.00
11) 2-Methylnaphthalene-d10	12.148	152	1454	0.271	ng	0.00
14) 2,4,6-Tribromophenol	15.893	330	558	0.360	ng	0.00
15) 2-Fluorobiphenyl	13.028	172	2703	0.372	ng	0.00
27) Fluoranthene-d10	19.186	212	4099	0.283	ng	0.00
31) Terphenyl-d14	19.794	244	2495	0.460	ng	0.00

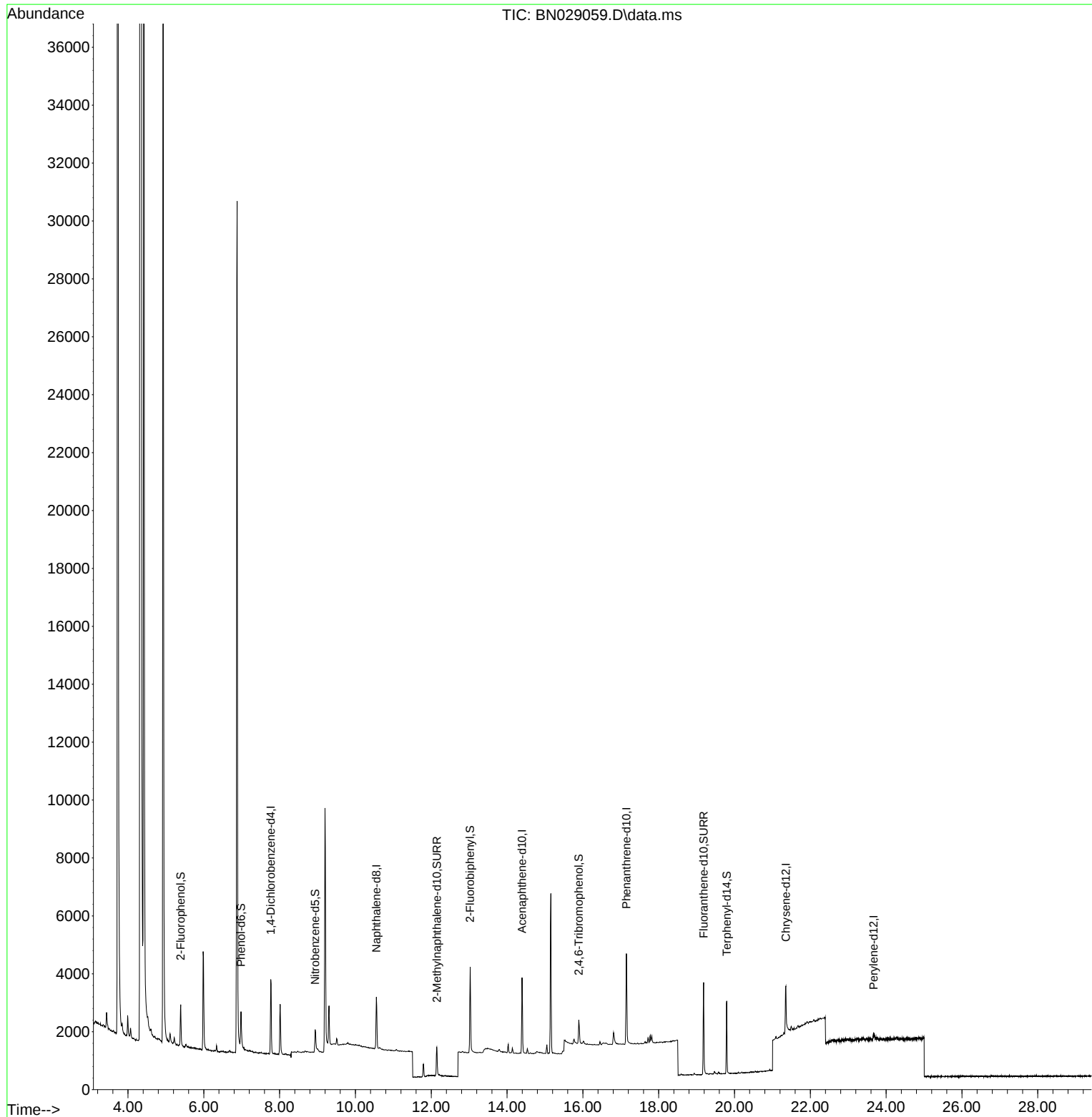
Target Compounds Qvalue

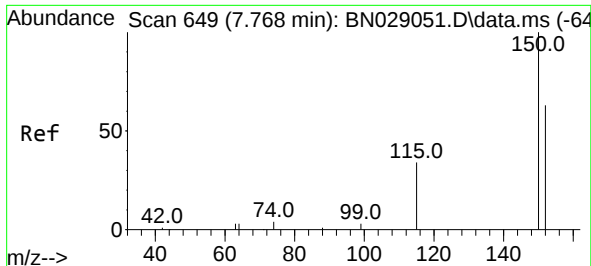
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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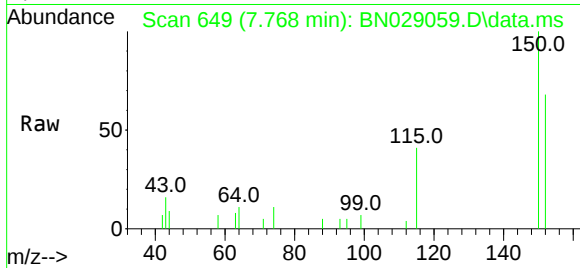
Quant Time: Dec 06 17:41:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 00:49:47 2023
Response via : Initial Calibration



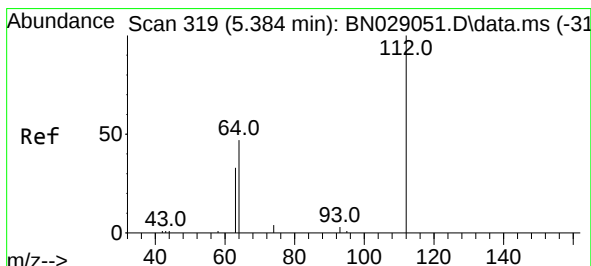
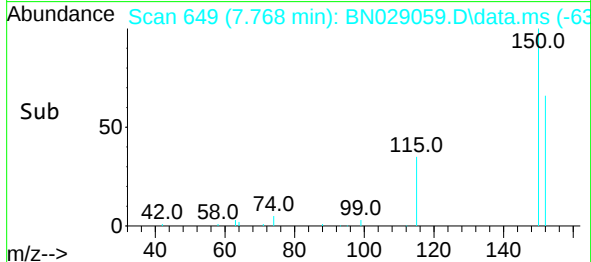
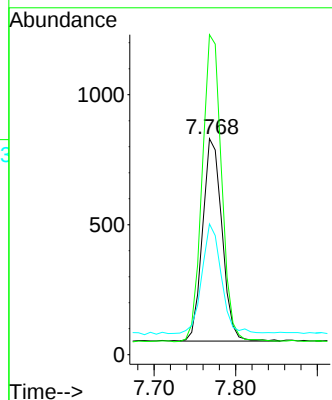


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.768 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN029059.D
Acq: 06 Dec 2023 17:13

Instrument :
BNA_N
ClientSampleId :
PB157235BL

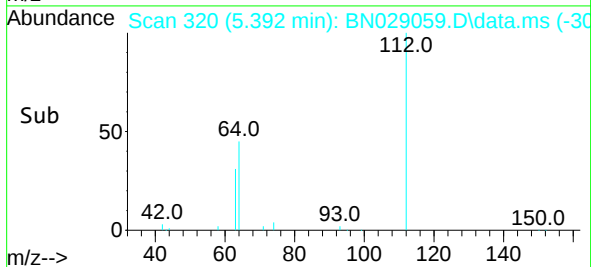
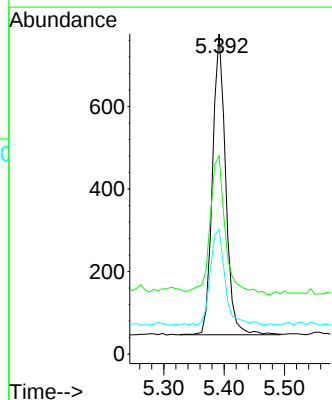
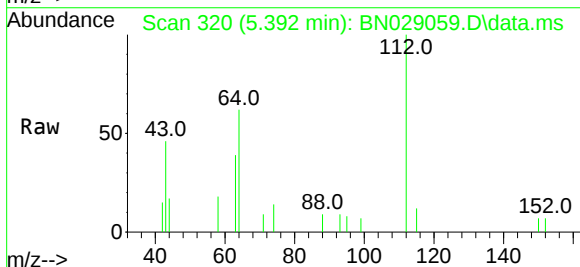


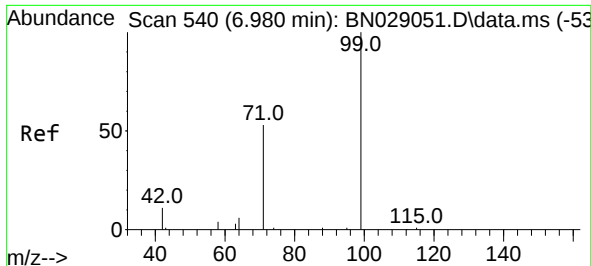
Tgt Ion:152 Resp: 1292
Ion Ratio Lower Upper
152 100
150 148.1 116.2 174.4
115 60.5 45.1 67.7



#4
2-Fluorophenol
Concen: 0.376 ng
RT: 5.392 min Scan# 320
Delta R.T. 0.000 min
Lab File: BN029059.D
Acq: 06 Dec 2023 17:13

Tgt Ion:112 Resp: 1100
Ion Ratio Lower Upper
112 100
64 54.8 37.0 55.6
63 35.5 29.0 43.6

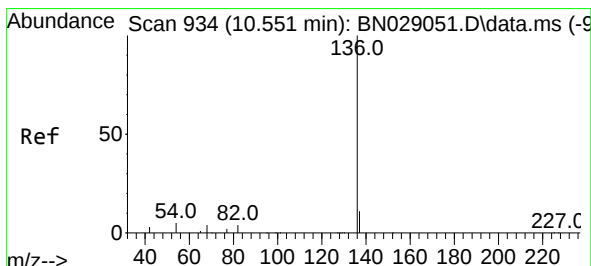
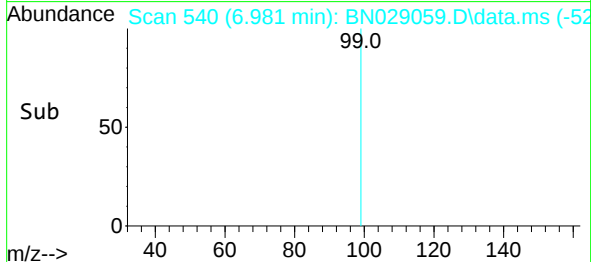
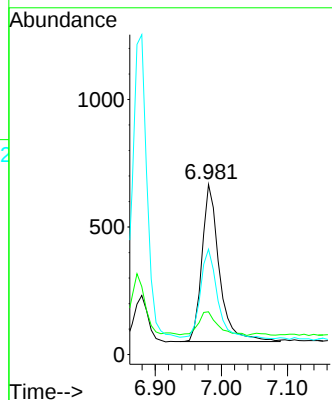
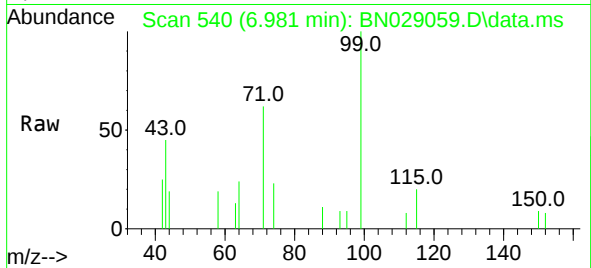




#5
Phenol-d6
Concen: 0.322 ng
RT: 6.981 min Scan# 540
Delta R.T. 0.000 min
Lab File: BN029059.D
Acq: 06 Dec 2023 17:13

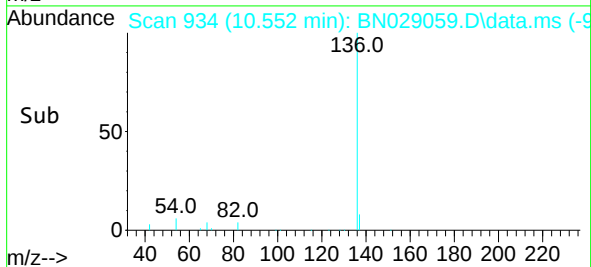
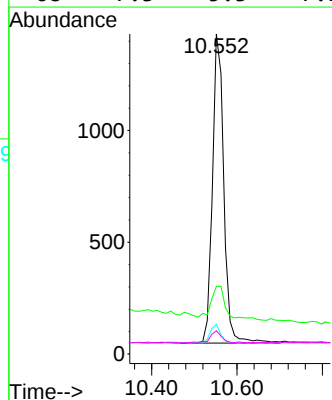
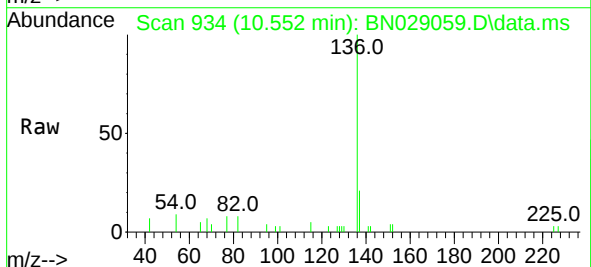
Instrument :
BNA_N
ClientSampleId :
PB157235BL

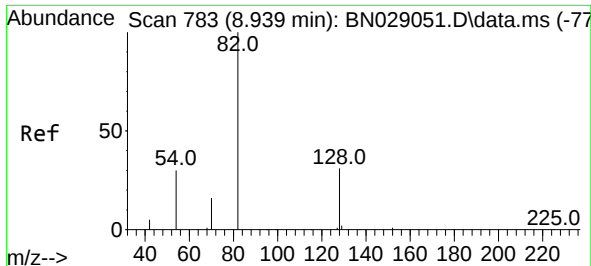
Tgt Ion: 99 Resp: 1124
Ion Ratio Lower Upper
99 100
42 16.8 13.4 20.2
71 56.1 47.8 71.6



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.552 min Scan# 934
Delta R.T. -0.010 min
Lab File: BN029059.D
Acq: 06 Dec 2023 17:13

Tgt Ion: 136 Resp: 2551
Ion Ratio Lower Upper
136 100
137 21.2 11.9 17.9#
54 9.3 6.4 9.6
68 7.3 5.3 7.9

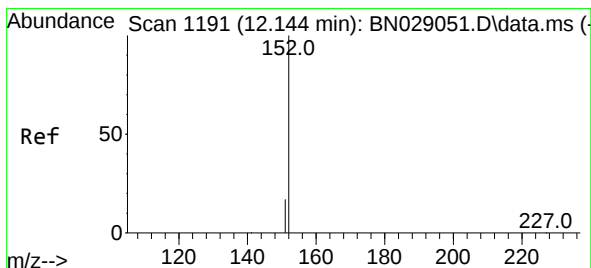
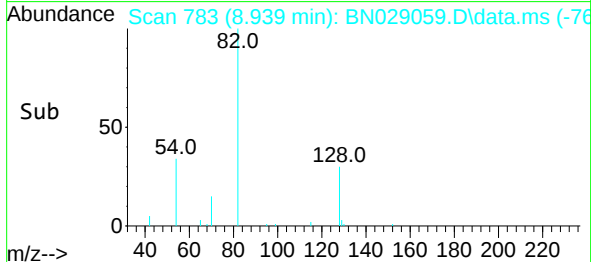
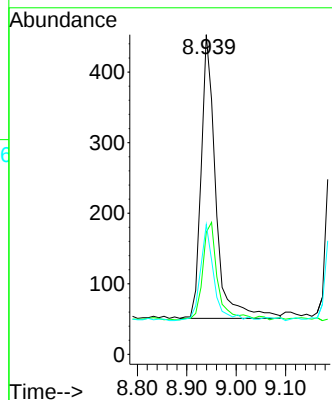
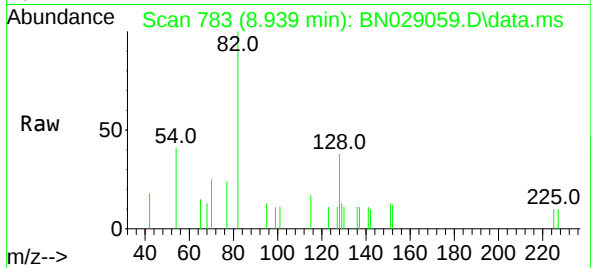




#8
 Nitrobenzene-d5
 Concen: 0.267 ng
 RT: 8.939 min Scan# 783
 Delta R.T. 0.000 min
 Lab File: BN029059.D
 Acq: 06 Dec 2023 17:13

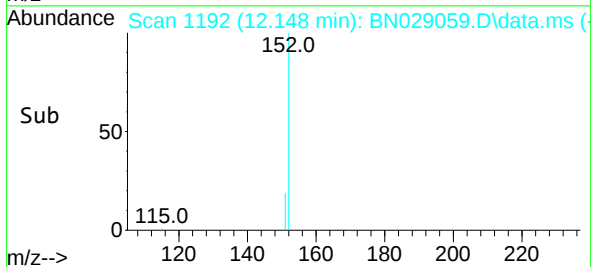
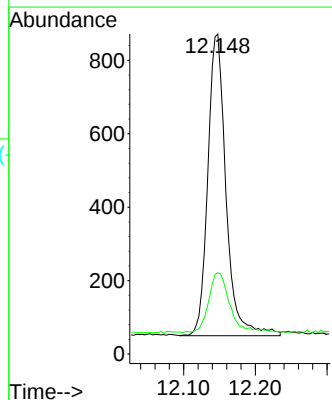
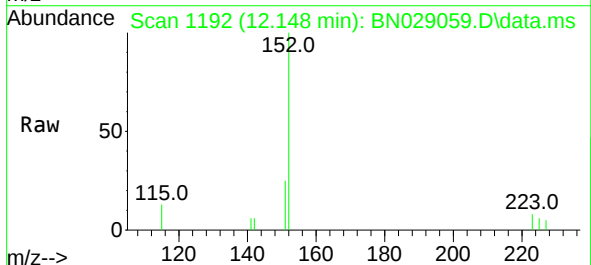
Instrument :
 BNA_N
 ClientSampleId :
 PB157235BL

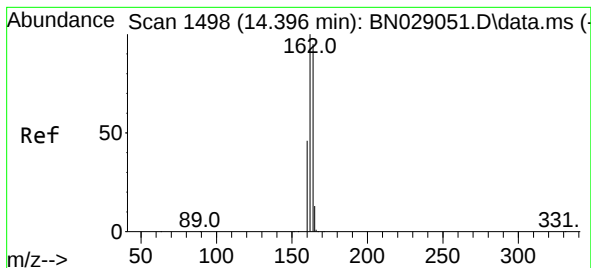
Tgt Ion:	82	Resp:	823
Ion	Ratio	Lower	Upper
82	100		
128	38.2	28.2	42.4
54	40.6	32.1	48.1



#11
 2-Methylnaphthalene-d10
 Concen: 0.271 ng
 RT: 12.148 min Scan# 1192
 Delta R.T. 0.000 min
 Lab File: BN029059.D
 Acq: 06 Dec 2023 17:13

Tgt Ion:	152	Resp:	1454
Ion	Ratio	Lower	Upper
152	100		
151	23.7	17.4	26.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.396 min Scan# 1498

Delta R.T. 0.000 min

Lab File: BN029059.D

Acq: 06 Dec 2023 17:13

Instrument :

BNA_N

ClientSampleId :

PB157235BL

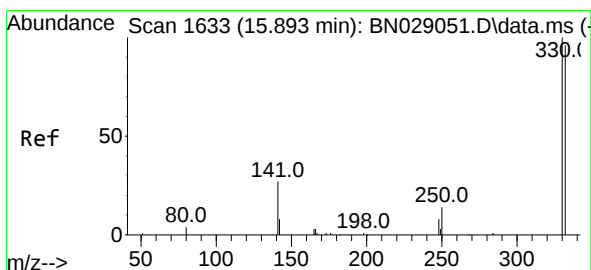
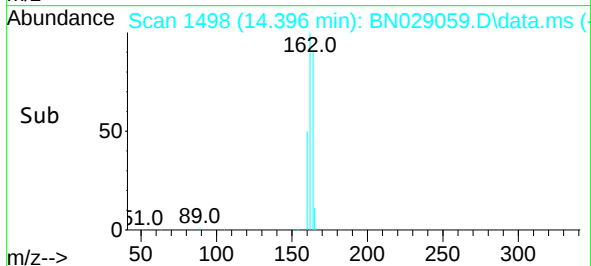
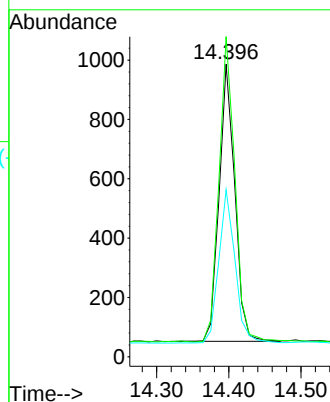
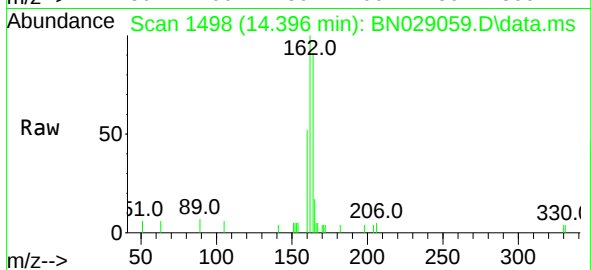
Tgt Ion:164 Resp: 1404

Ion Ratio Lower Upper

164 100

162 109.4 85.0 127.6

160 57.1 41.3 61.9



#14

2,4,6-Tribromophenol

Concen: 0.360 ng

RT: 15.893 min Scan# 1633

Delta R.T. 0.000 min

Lab File: BN029059.D

Acq: 06 Dec 2023 17:13

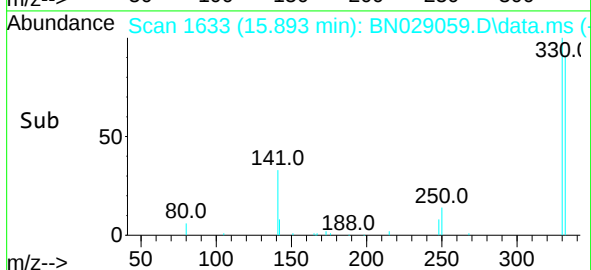
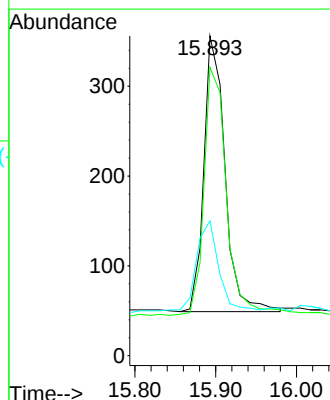
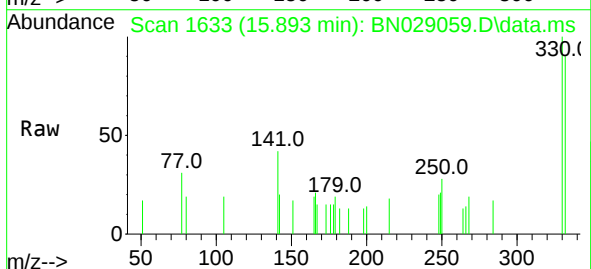
Tgt Ion:330 Resp: 558

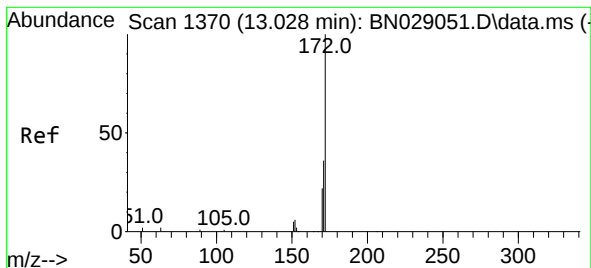
Ion Ratio Lower Upper

330 100

332 96.2 78.8 118.2

141 33.7 28.7 43.1

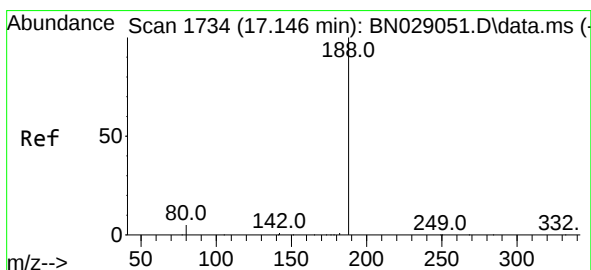
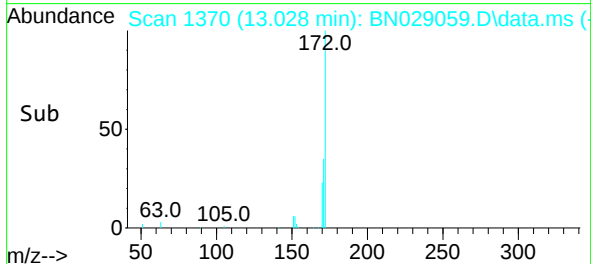
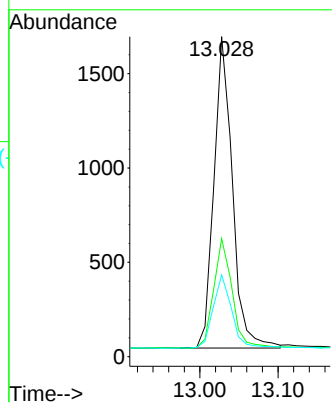
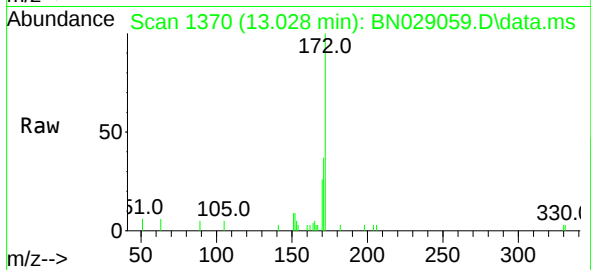




#15
2-Fluorobiphenyl
Concen: 0.372 ng
RT: 13.028 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN029059.D
Acq: 06 Dec 2023 17:13

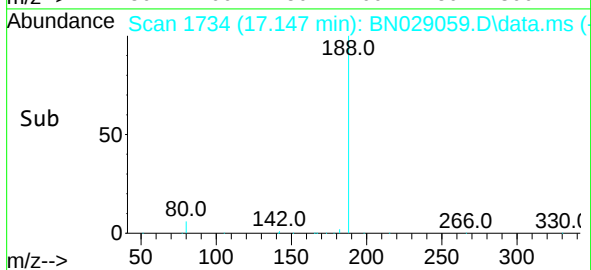
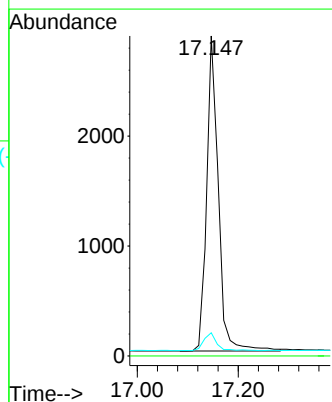
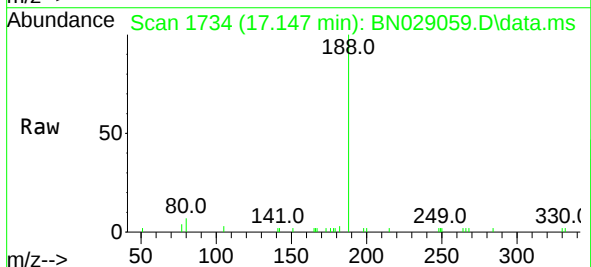
Instrument :
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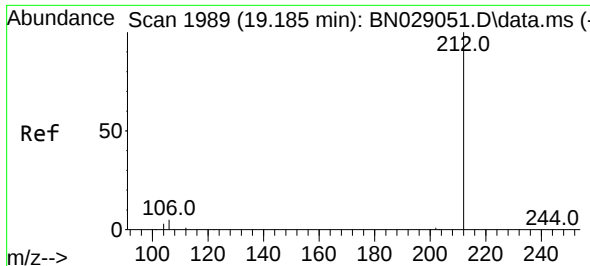
Tgt Ion:172 Resp: 2703
Ion Ratio Lower Upper
172 100
171 36.9 30.1 45.1
170 25.5 20.3 30.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.147 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BN029059.D
Acq: 06 Dec 2023 17:13

Tgt Ion:188 Resp: 4605
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.3 5.4 8.0

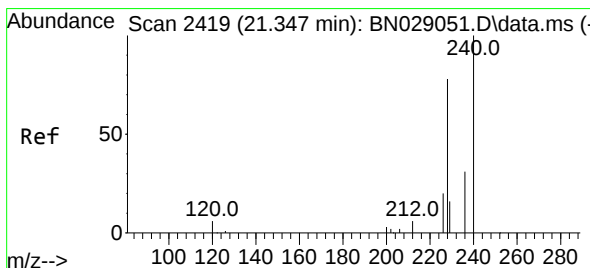
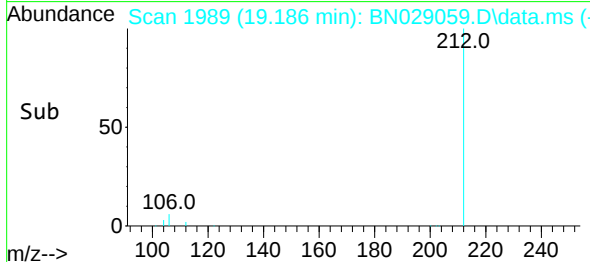
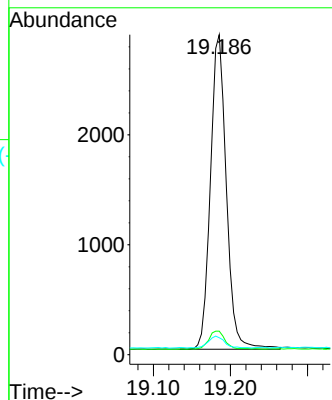
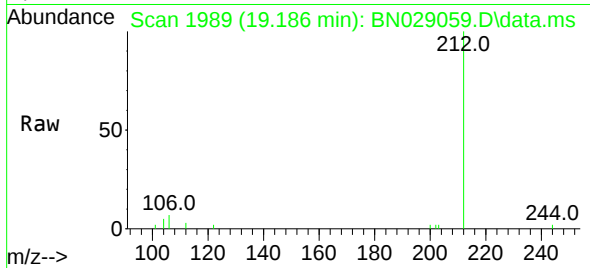




#27
Fluoranthene-d10
Concen: 0.283 ng
RT: 19.186 min Scan# 1989
Delta R.T. 0.000 min
Lab File: BN029059.D
Acq: 06 Dec 2023 17:13

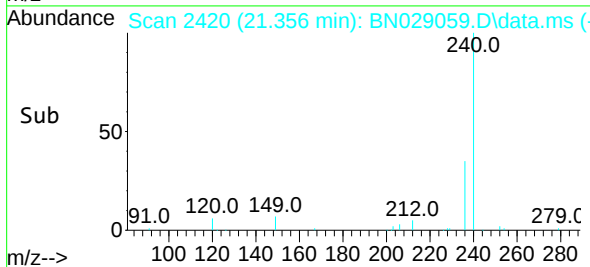
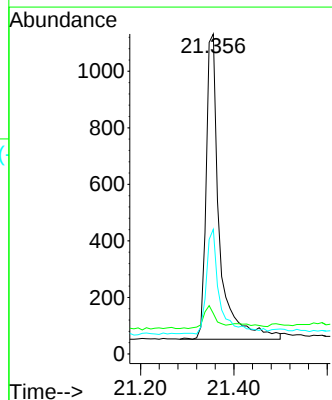
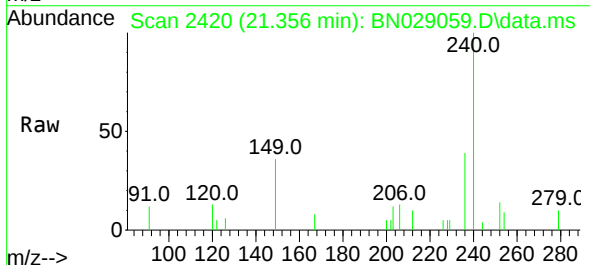
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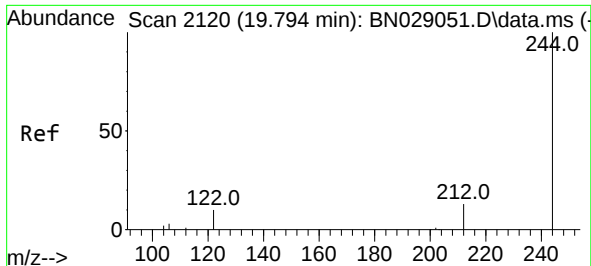
Tgt Ion	212	Resp	4099
Ion Ratio	100	Lower	Upper
212	100		
106	5.9	3.9	5.9#
104	3.8	2.6	3.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.356 min Scan# 2420
Delta R.T. 0.009 min
Lab File: BN029059.D
Acq: 06 Dec 2023 17:13

Tgt Ion	240	Resp	2141
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
240	100		
120	12.6	6.7	10.1#
236	39.0	25.7	38.5#

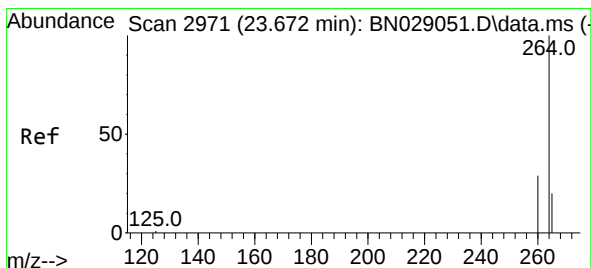
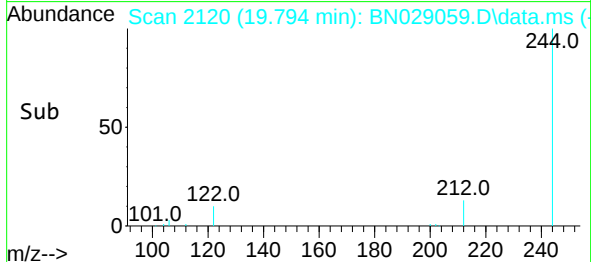
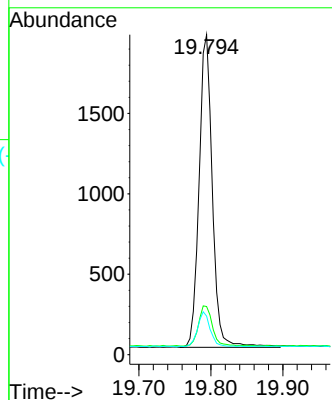
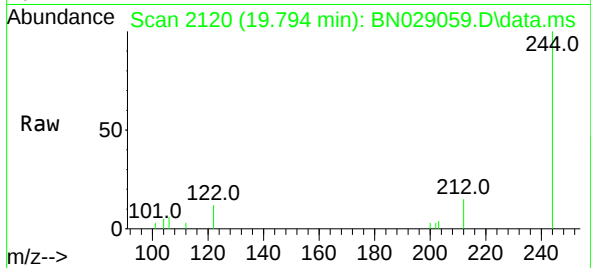




#31
 Terphenyl-d14
 Concen: 0.460 ng
 RT: 19.794 min Scan# 2120
 Delta R.T. 0.000 min
 Lab File: BN029059.D
 Acq: 06 Dec 2023 17:13

Instrument :
 BNA_N
 ClientSampleId :
 PB157235BL

Tgt Ion:244 Resp: 2495
 Ion Ratio Lower Upper
 244 100
 212 15.0 11.6 17.4
 122 12.1 8.2 12.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.670 min Scan# 2970
 Delta R.T. 0.000 min
 Lab File: BN029059.D
 Acq: 06 Dec 2023 17:13

Tgt Ion:264 Resp: 262
 Ion Ratio Lower Upper
 264 100
 260 59.3 23.9 35.9#
 265 555.6 52.7 79.1#

