

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022324\
 Data File : BN029957.D
 Acq On : 23 Feb 2024 15:28
 Operator : MA/JU
 Sample : SP6429
 Misc : 8270 SIM SURROGATE
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP6429

Quant Time: Feb 23 17:10:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 23:52:05 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.862	152	6109	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	15635	0.400	ng	#-0.02
13) Acenaphthene-d10	14.500	164	7235	0.400	ng	-0.01
19) Phenanthrene-d10	17.255	188	14160	0.400	ng	0.00
29) Chrysene-d12	21.465	240	9697	0.400	ng	# 0.00
35) Perylene-d12	23.829	264	9113	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	5267	0.359	ng	0.00
5) Phenol-d6	7.031	99	5742	0.339	ng	0.00
8) Nitrobenzene-d5	9.025	82	4981	0.383	ng	-0.01
11) 2-Methylnaphthalene-d10	12.250	152	7314	0.344	ng	0.00
14) 2,4,6-Tribromophenol	16.002	330	924	0.398	ng	0.00
15) 2-Fluorobiphenyl	13.132	172	10173	0.328	ng	0.00
27) Fluoranthene-d10	19.294	212	10899	0.318	ng	0.00
31) Terphenyl-d14	19.898	244	8035	0.334	ng	0.00

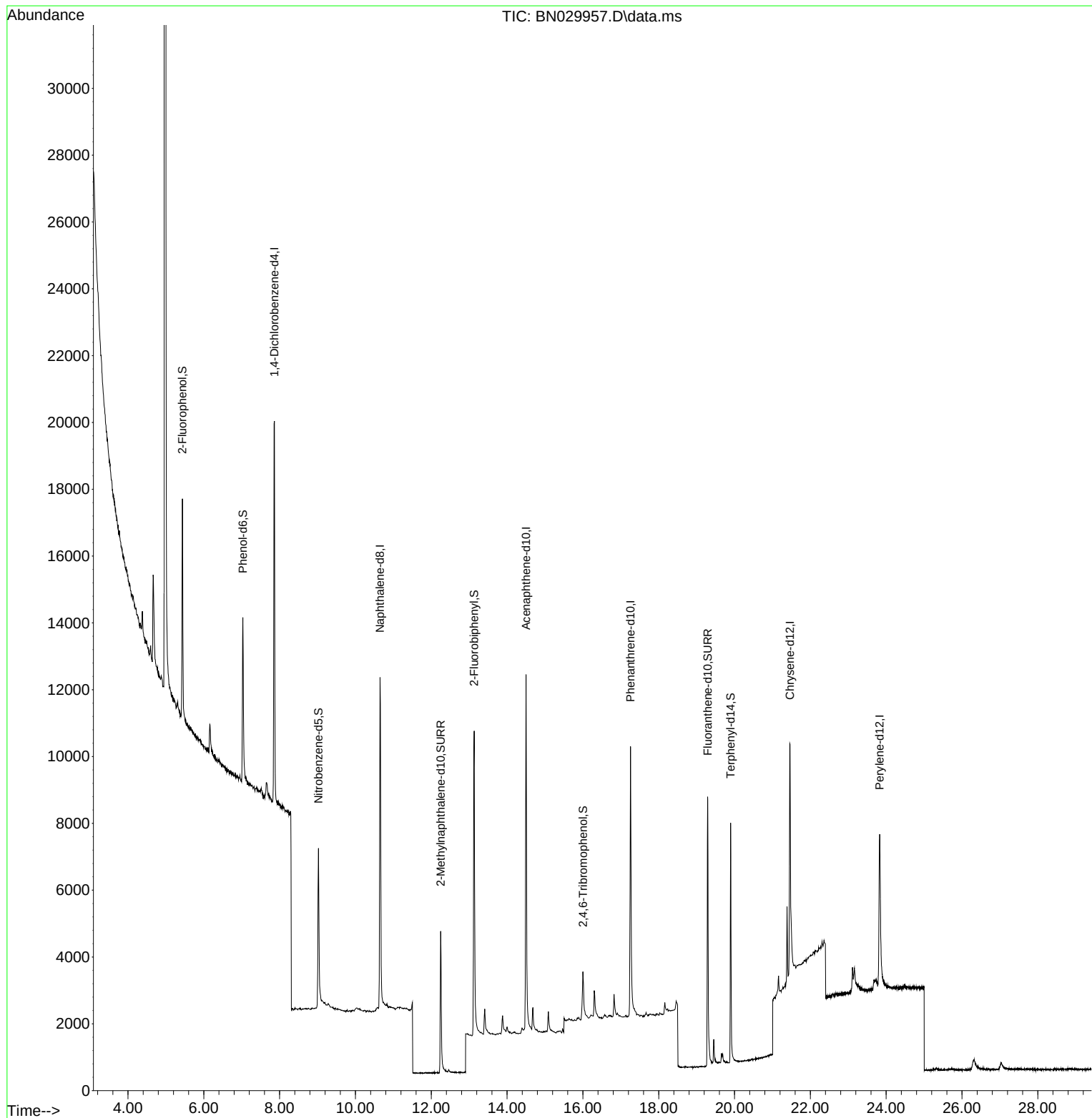
Target Compounds	Qvalue
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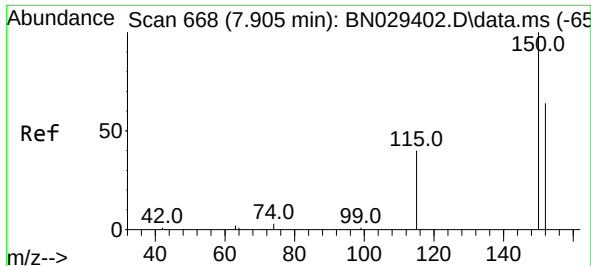
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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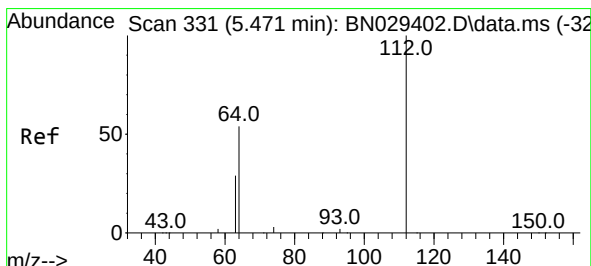
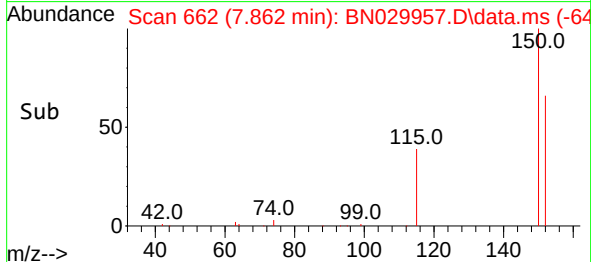
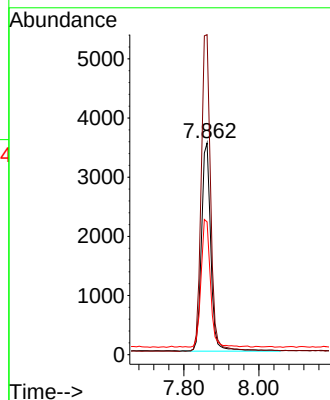
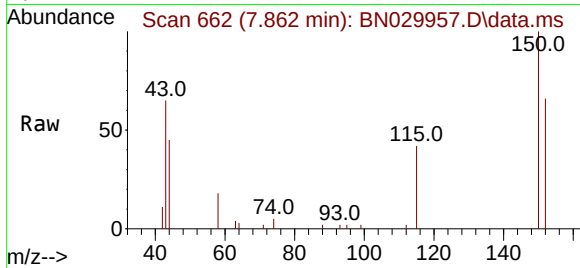


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.862 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN029957.D
 Acq: 23 Feb 2024 15:28

Instrument :
 BNA_N
 ClientSampleId :
 SP6429

Tgt Ion:152 Resp: 6109

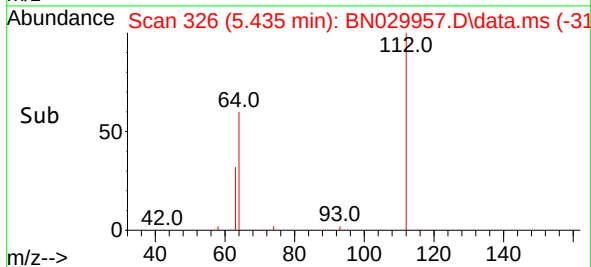
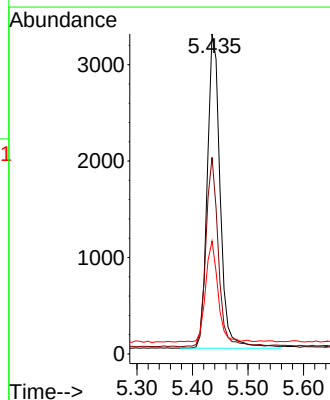
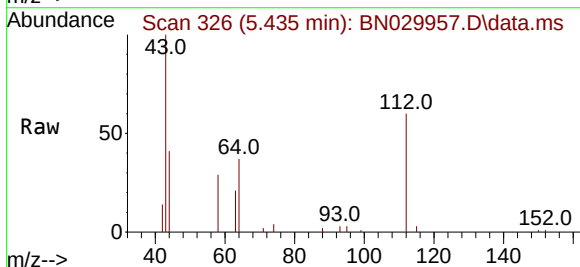
Ion	Ratio	Lower	Upper
152	100		
150	151.2	123.0	184.4
115	62.8	51.4	77.0

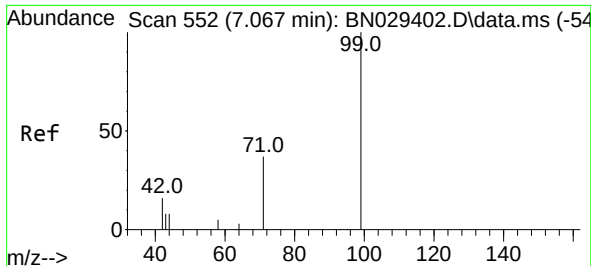


#4
 2-Fluorophenol
 Concen: 0.359 ng
 RT: 5.435 min Scan# 326
 Delta R.T. -0.007 min
 Lab File: BN029957.D
 Acq: 23 Feb 2024 15:28

Tgt Ion:112 Resp: 5267

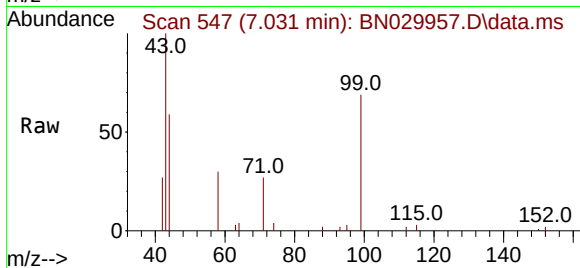
Ion	Ratio	Lower	Upper
112	100		
64	58.4	47.2	70.8
63	30.7	25.8	38.6



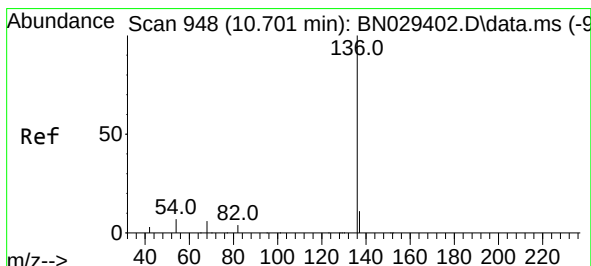
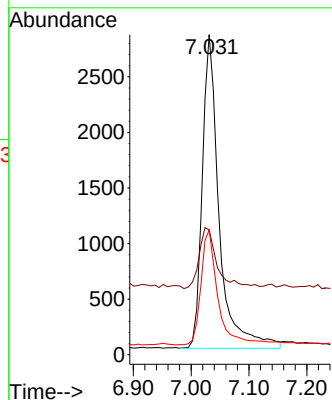
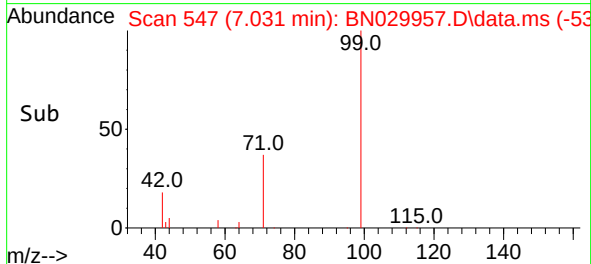


#5
Phenol-d6
Concen: 0.339 ng
RT: 7.031 min Scan# 54
Delta R.T. -0.007 min
Lab File: BN029957.D
Acq: 23 Feb 2024 15:28

Instrument :
BNA_N
ClientSampleId :
SP6429

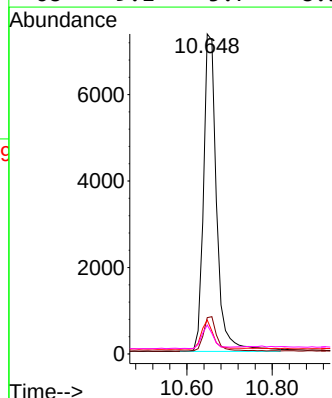
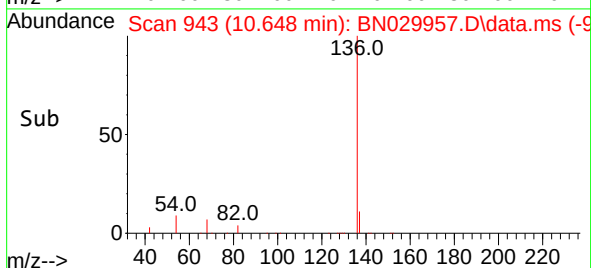
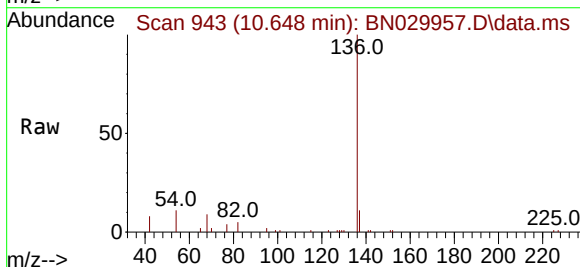


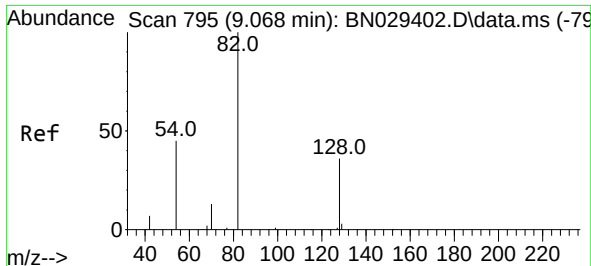
Tgt Ion:	99	Resp:	5742
Ion	Ratio	Lower	Upper
99	100		
42	21.0	16.9	25.3
71	37.1	30.0	45.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 943
Delta R.T. -0.021 min
Lab File: BN029957.D
Acq: 23 Feb 2024 15:28

Tgt Ion:	136	Resp:	15635
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.7	14.5
54	10.6	6.6	10.0#
68	9.1	5.7	8.5#

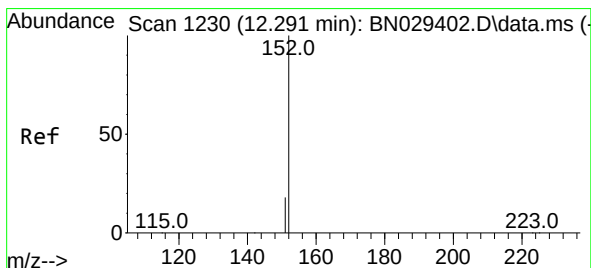
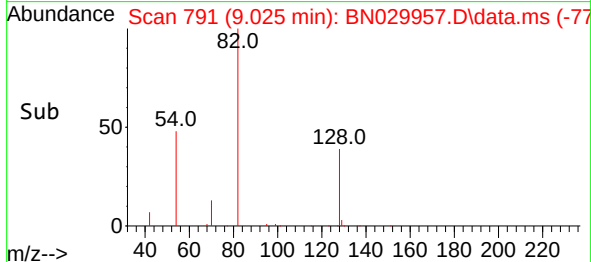
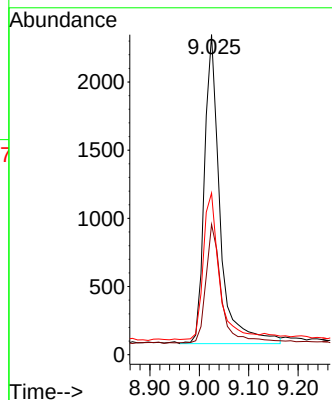
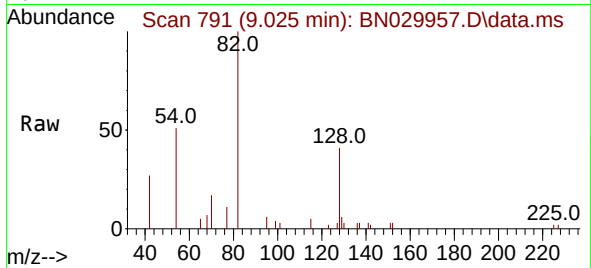




#8
Nitrobenzene-d5
Concen: 0.383 ng
RT: 9.025 min Scan# 791
Delta R.T. -0.011 min
Lab File: BN029957.D
Acq: 23 Feb 2024 15:28

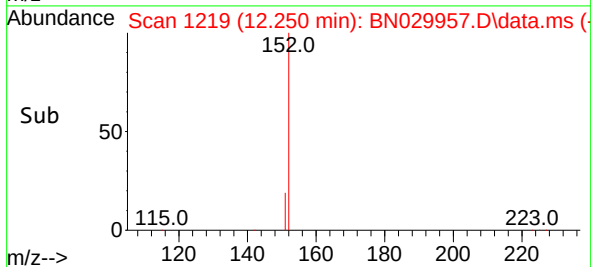
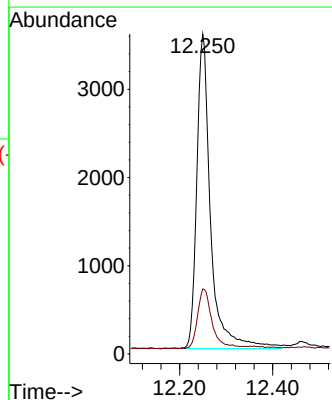
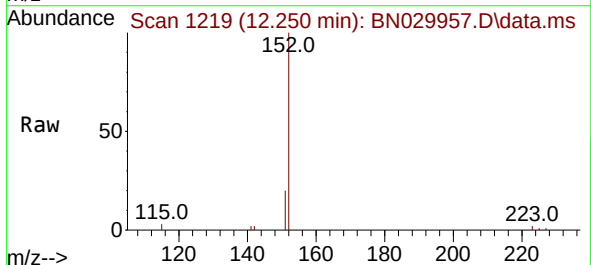
Instrument :
BNA_N
ClientSampleId :
SP6429

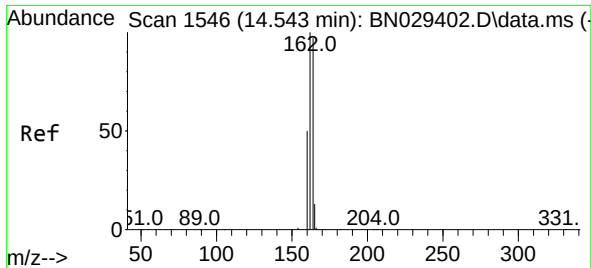
Tgt Ion: 82 Resp: 4981
Ion Ratio Lower Upper
82 100
128 40.7 31.6 47.4
54 50.5 38.2 57.4



#11
2-Methylnaphthalene-d10
Concen: 0.344 ng
RT: 12.250 min Scan# 1219
Delta R.T. -0.008 min
Lab File: BN029957.D
Acq: 23 Feb 2024 15:28

Tgt Ion: 152 Resp: 7314
Ion Ratio Lower Upper
152 100
151 20.1 17.1 25.7

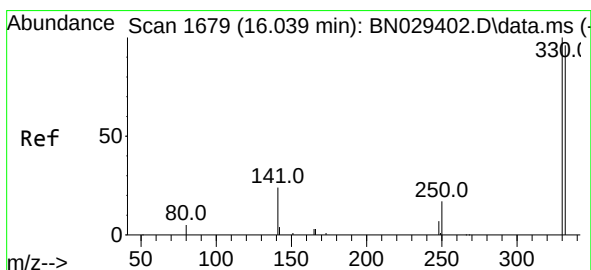
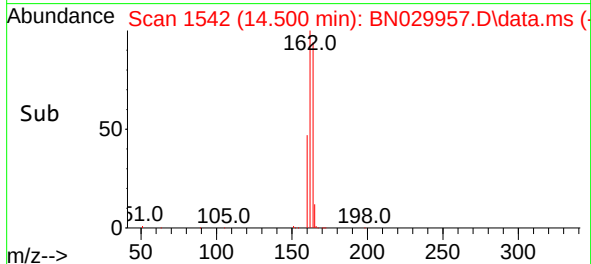
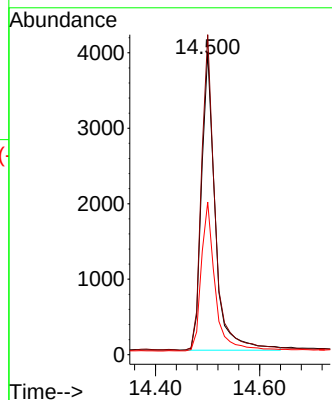
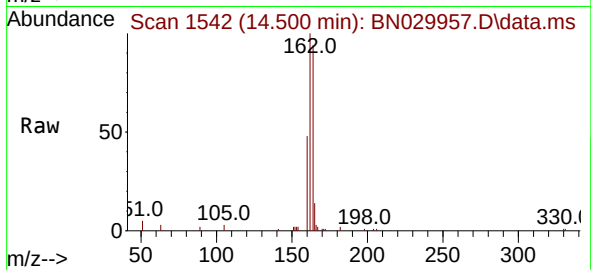




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.500 min Scan# 1542
Delta R.T. -0.011 min
Lab File: BN029957.D
Acq: 23 Feb 2024 15:28

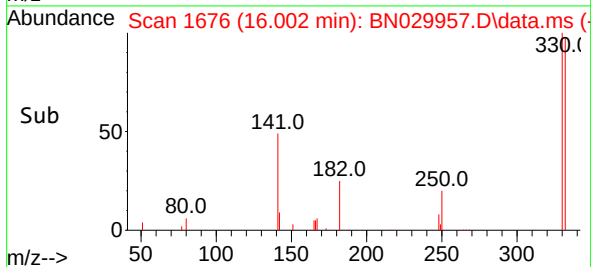
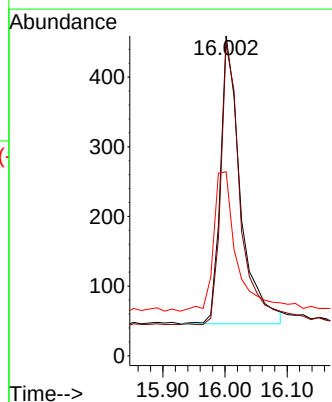
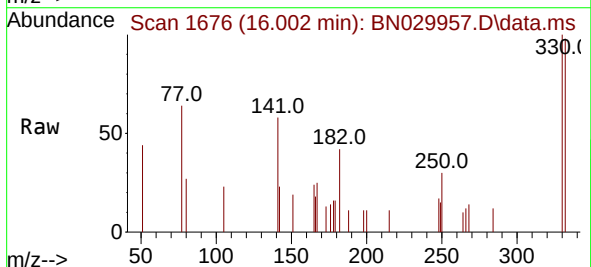
Instrument :
BNA_N
ClientSampleId :
SP6429

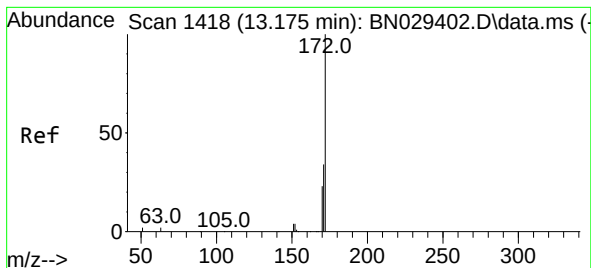
Tgt Ion:164 Resp: 7235
Ion Ratio Lower Upper
164 100
162 105.8 82.6 123.8
160 50.5 41.5 62.3



#14
2,4,6-Tribromophenol
Concen: 0.398 ng
RT: 16.002 min Scan# 1676
Delta R.T. 0.000 min
Lab File: BN029957.D
Acq: 23 Feb 2024 15:28

Tgt Ion:330 Resp: 924
Ion Ratio Lower Upper
330 100
332 95.9 76.0 114.0
141 55.4 43.4 65.2





#15

2-Fluorobiphenyl

Concen: 0.328 ng

RT: 13.132 min Scan# 1418

Delta R.T. 0.000 min

Lab File: BN029957.D

Acq: 23 Feb 2024 15:28

Instrument :

BNA_N

ClientSampleId :

SP6429

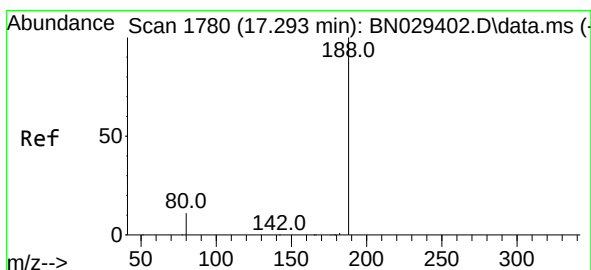
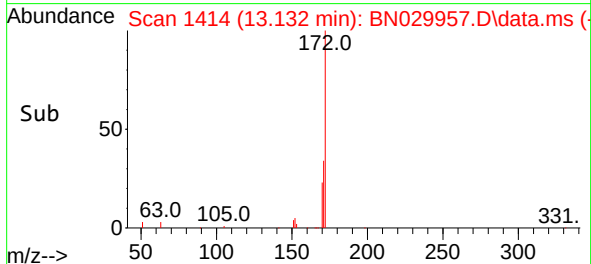
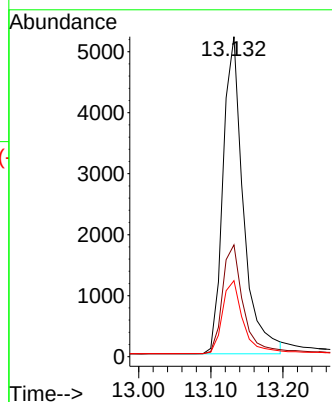
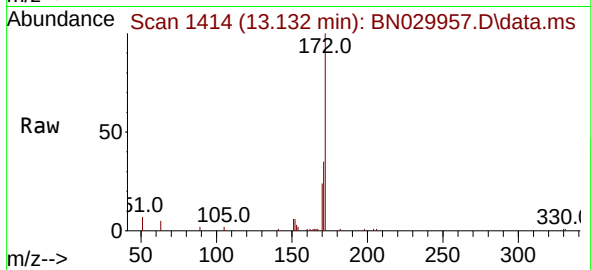
Tgt Ion:172 Resp: 10173

Ion Ratio Lower Upper

172 100

171 35.0 28.0 42.0

170 23.7 18.7 28.1



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.255 min Scan# 1777

Delta R.T. 0.000 min

Lab File: BN029957.D

Acq: 23 Feb 2024 15:28

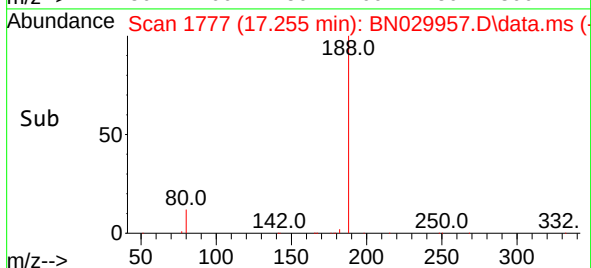
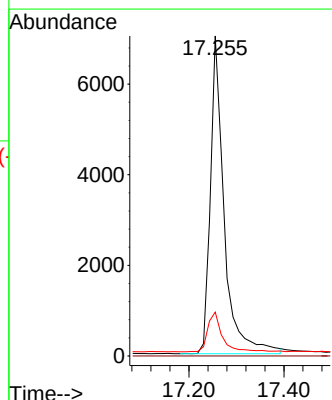
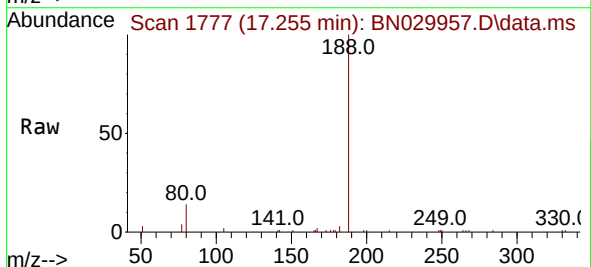
Tgt Ion:188 Resp: 14160

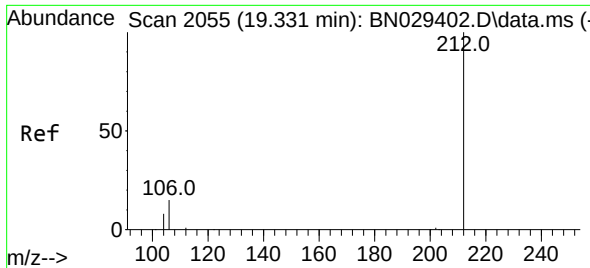
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.7 10.0 15.0

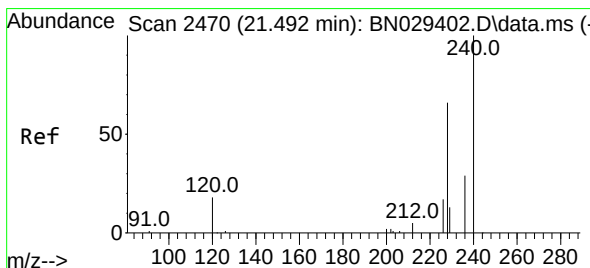
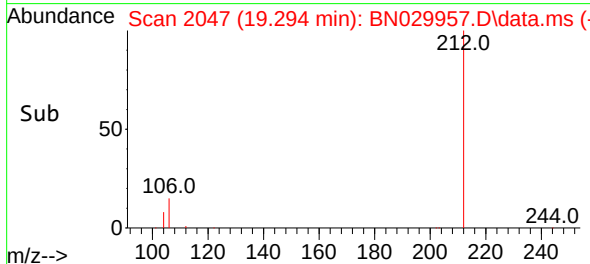
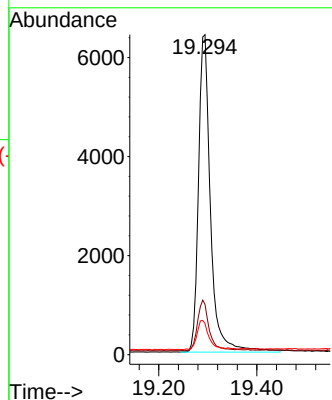
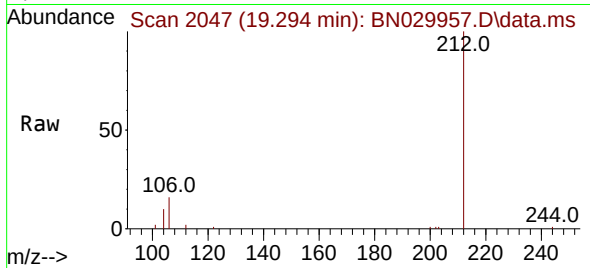




#27
Fluoranthene-d10
Concen: 0.318 ng
RT: 19.294 min Scan# 2055
Delta R.T. -0.005 min
Lab File: BN029957.D
Acq: 23 Feb 2024 15:28

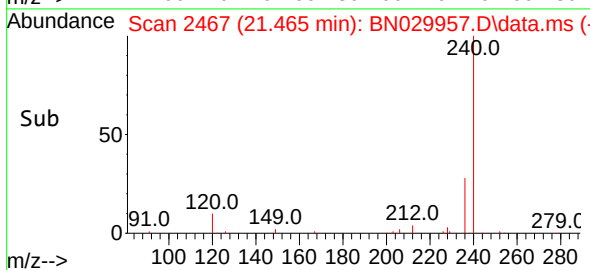
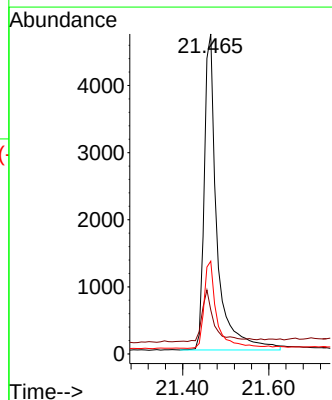
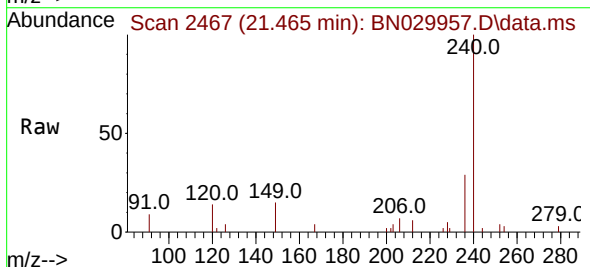
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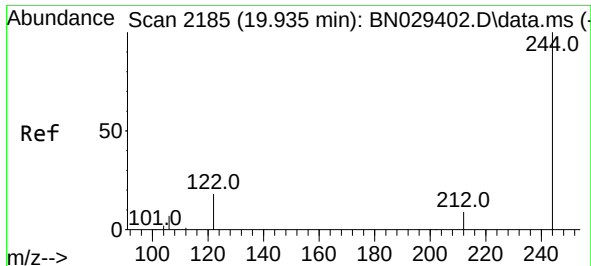
Tgt Ion:212 Resp: 10899
Ion Ratio Lower Upper
212 100
106 15.6 13.2 19.8
104 8.9 7.7 11.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.465 min Scan# 2467
Delta R.T. 0.000 min
Lab File: BN029957.D
Acq: 23 Feb 2024 15:28

Tgt Ion:240 Resp: 9697
Ion Ratio Lower Upper
240 100
120 13.7 16.7 25.1#
236 29.0 23.9 35.9

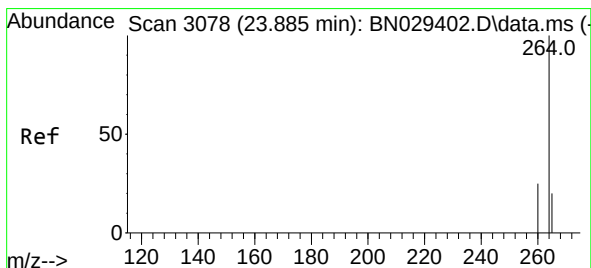
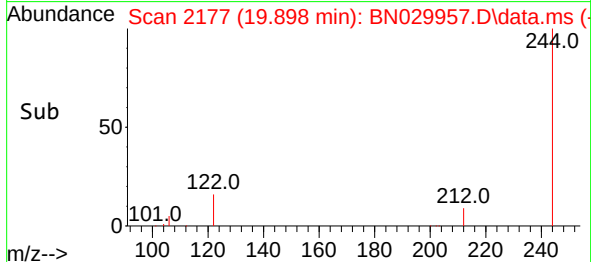
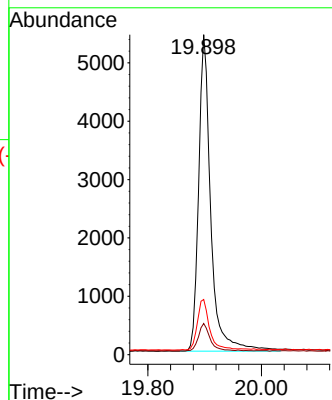
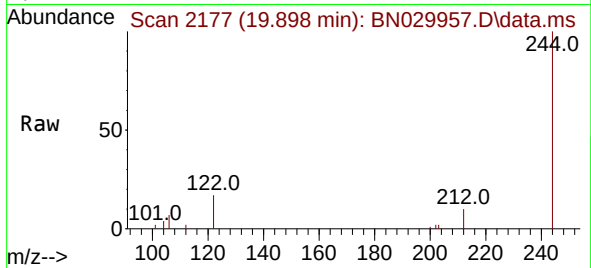




#31
 Terphenyl-d14
 Concen: 0.334 ng
 RT: 19.898 min Scan# 2185
 Delta R.T. -0.009 min
 Lab File: BN029957.D
 Acq: 23 Feb 2024 15:28

Instrument :
 BNA_N
 ClientSampleId :
 SP6429

Tgt Ion:244 Resp: 8035
 Ion Ratio Lower Upper
 244 100
 212 9.8 8.2 12.4
 122 17.3 15.6 23.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.829 min Scan# 3059
 Delta R.T. -0.003 min
 Lab File: BN029957.D
 Acq: 23 Feb 2024 15:28

Tgt Ion:264 Resp: 9113
 Ion Ratio Lower Upper
 264 100
 260 27.2 21.2 31.8
 265 70.4 41.5 62.3#

