

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120323\
 Data File : BN029011.D
 Acq On : 03 Dec 2023 09:11
 Operator : MA/JU
 Sample : 05404-03
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE105D1-20231109

Quant Time: Dec 04 00:42:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 00:28:48 2023
 Response via : Initial Calibration

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

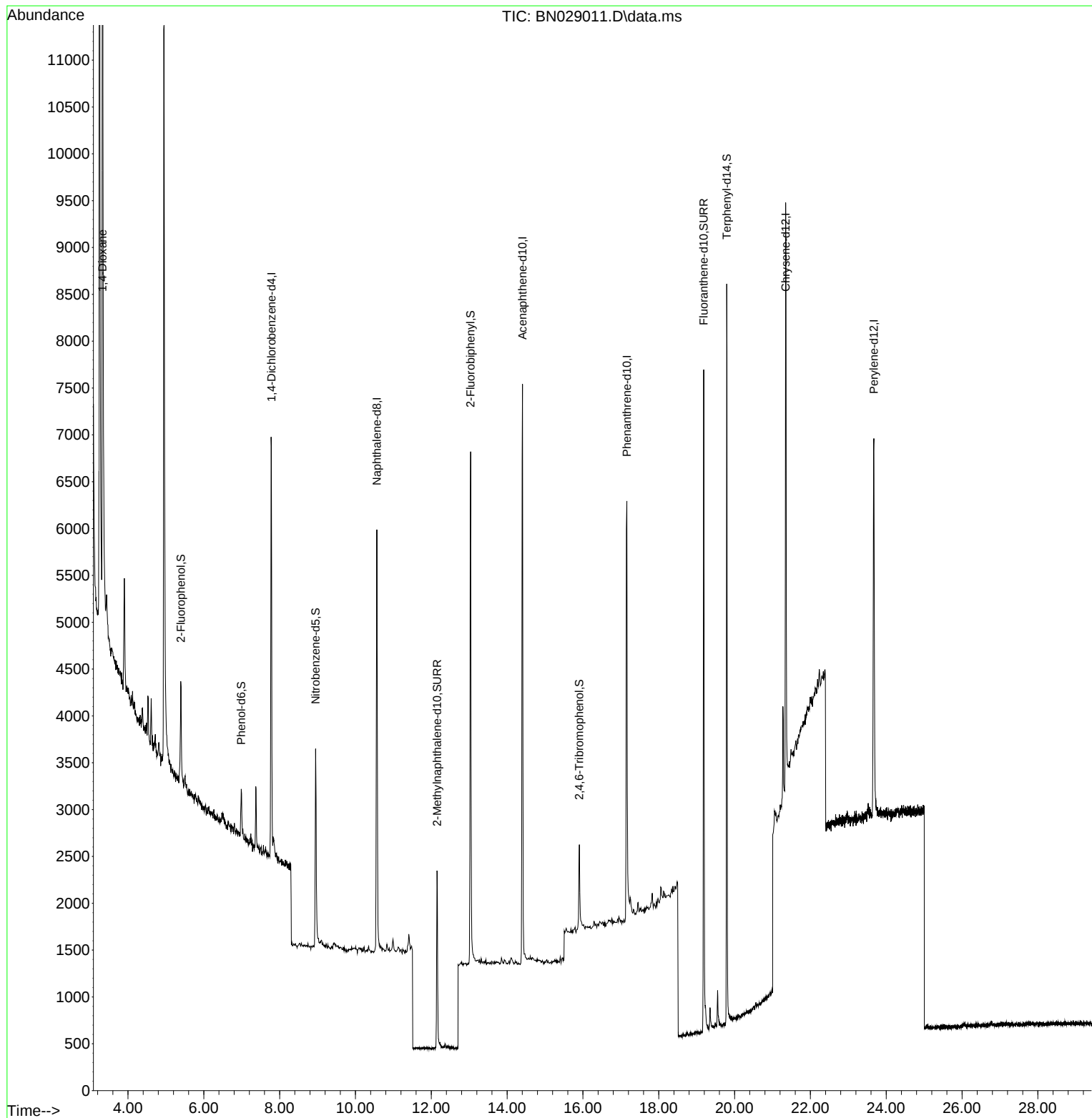
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.782	152	2222	0.400	ng	0.00
7) Naphthalene-d8	10.562	136	6151	0.400	ng	# 0.00
13) Acenaphthene-d10	14.407	164	3836	0.400	ng	0.00
19) Phenanthrene-d10	17.159	188	7940	0.400	ng	# 0.00
29) Chrysene-d12	21.347	240	6407	0.400	ng	# 0.00
35) Perylene-d12	23.673	264	6163	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	763	0.113	ng	0.00
5) Phenol-d6	6.988	99	497	0.067	ng	0.00
8) Nitrobenzene-d5	8.950	82	1955	0.320	ng	0.00
11) 2-Methylnaphthalene-d10	12.151	152	2917	0.296	ng	0.00
14) 2,4,6-Tribromophenol	15.905	330	650	0.251	ng	0.00
15) 2-Fluorobiphenyl	13.038	172	5065	0.306	ng	0.00
27) Fluoranthene-d10	19.185	212	8324	0.399	ng	0.00
31) Terphenyl-d14	19.794	244	7887	0.420	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.326	88	7044	3.237	ng	# 91

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

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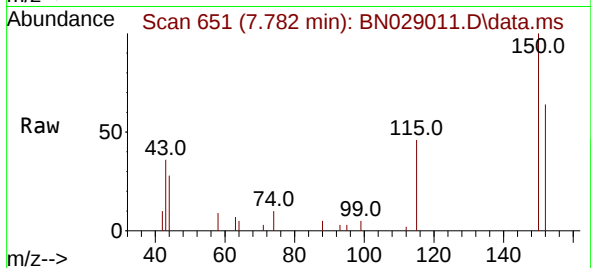
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 00:28:48 2023
Response via : Initial Calibration





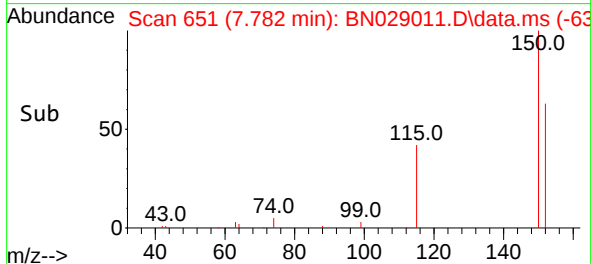
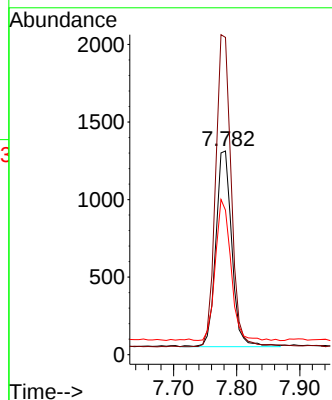
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.782 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN029011.D
 Acq: 03 Dec 2023 09:11

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Tgt Ion:152 Resp: 2222

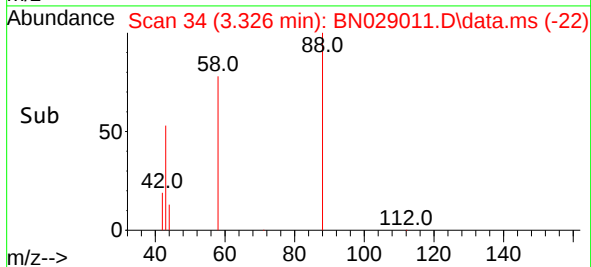
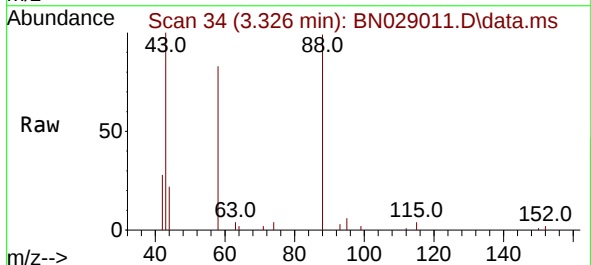
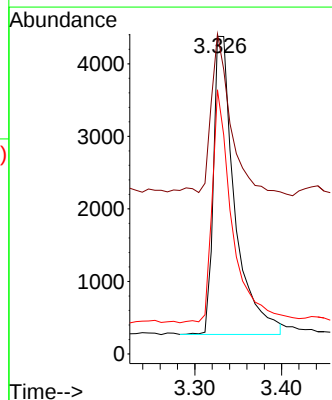
Ion	Ratio	Lower	Upper
152	100		
150	155.8	123.4	185.2
115	70.9	59.1	88.7



#2
 1,4-Dioxane
 Concen: 3.237 ng
 RT: 3.326 min Scan# 34
 Delta R.T. -0.014 min
 Lab File: BN029011.D
 Acq: 03 Dec 2023 09:11

Tgt Ion: 88 Resp: 7044

Ion	Ratio	Lower	Upper
88	100		
43	46.6	29.9	44.9#
58	72.7	55.0	82.4

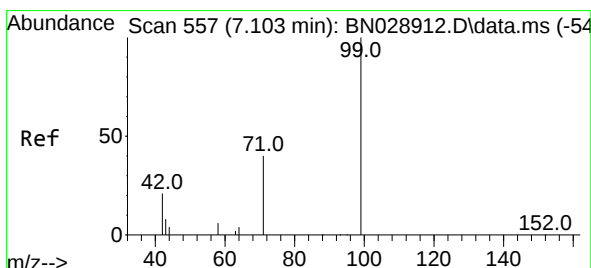
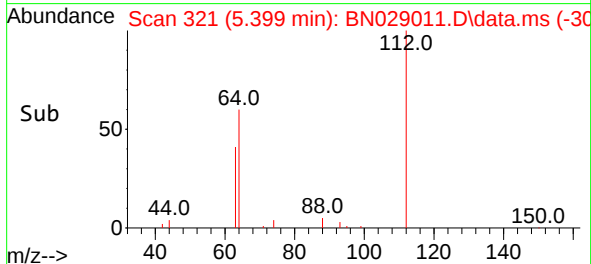
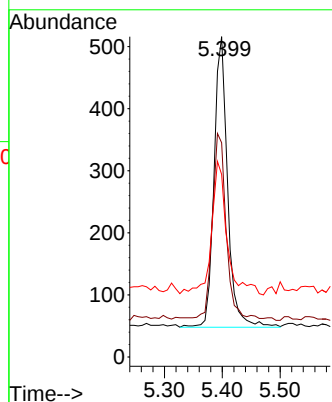
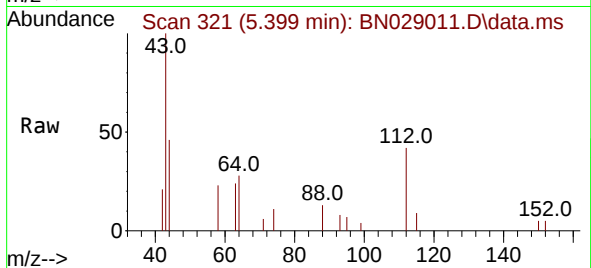




#4
2-Fluorophenol
Concen: 0.113 ng
RT: 5.399 min Scan# 311
Delta R.T. -0.000 min
Lab File: BN029011.D
Acq: 03 Dec 2023 09:11

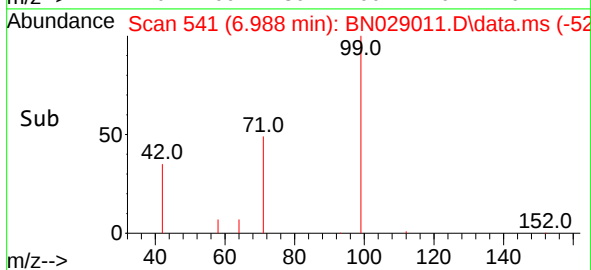
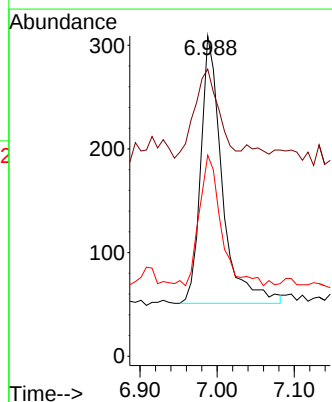
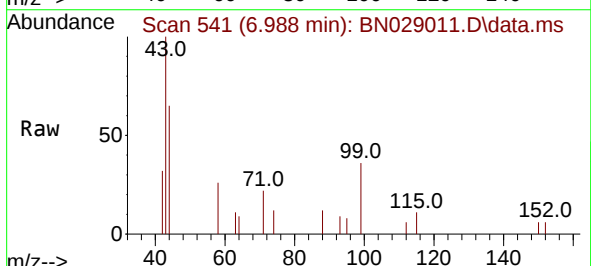
Instrument :
BNA_N
ClientSampleId :
RE105D1-20231109

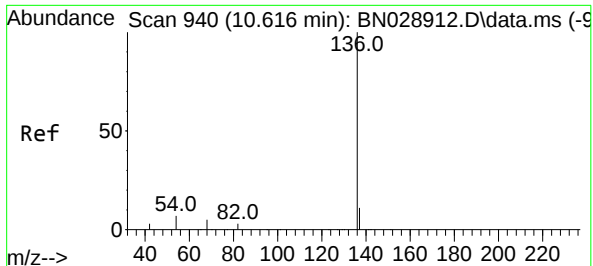
Tgt Ion:112 Resp: 763
Ion Ratio Lower Upper
112 100
64 64.0 51.5 77.3
63 53.2 30.4 45.6#



#5
Phenol-d6
Concen: 0.067 ng
RT: 6.988 min Scan# 541
Delta R.T. -0.000 min
Lab File: BN029011.D
Acq: 03 Dec 2023 09:11

Tgt Ion: 99 Resp: 497
Ion Ratio Lower Upper
99 100
42 37.4 21.2 31.8#
71 48.7 35.4 53.0

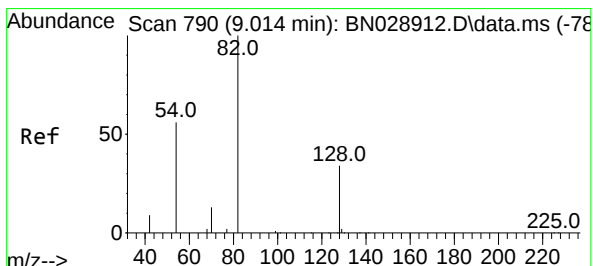
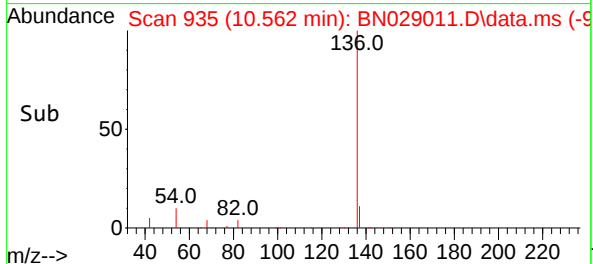
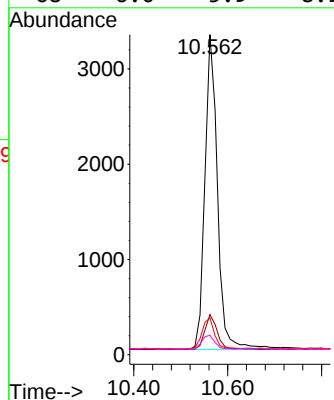
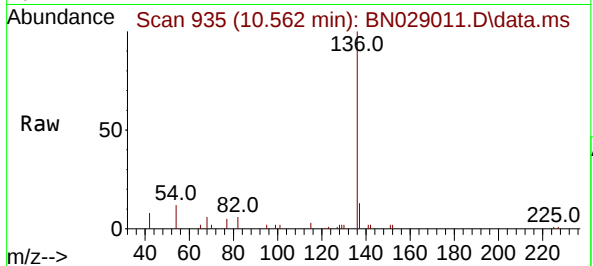




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.562 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN029011.D
Acq: 03 Dec 2023 09:11

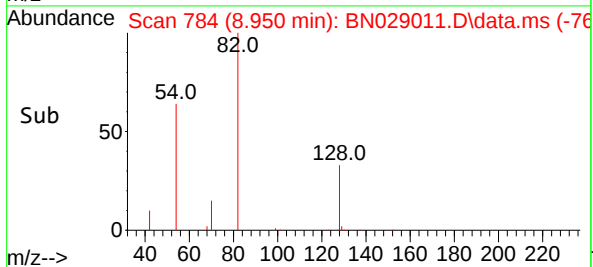
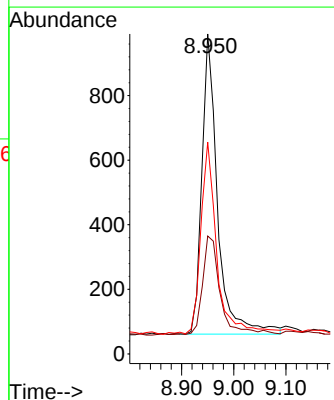
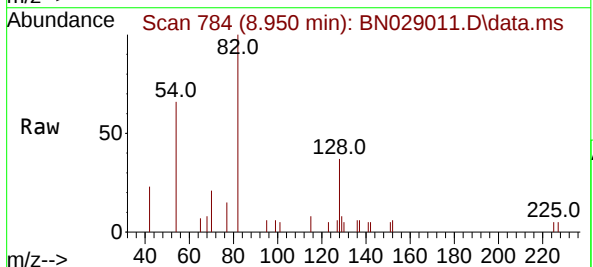
Instrument :
BNA_N
ClientSampleId :
RE105D1-20231109

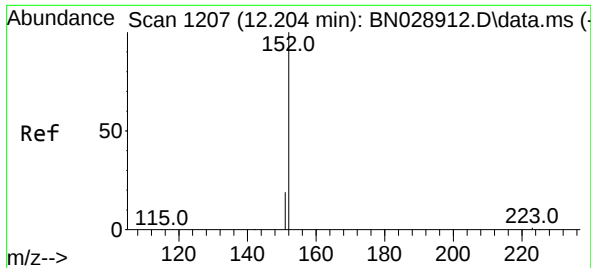
Tgt Ion:	136	Resp:	6151
Ion Ratio	Lower	Upper	
136	100		
137	12.5	10.6	16.0
54	11.5	7.5	11.3#
68	6.0	5.9	8.9



#8
Nitrobenzene-d5
Concen: 0.320 ng
RT: 8.950 min Scan# 784
Delta R.T. -0.000 min
Lab File: BN029011.D
Acq: 03 Dec 2023 09:11

Tgt Ion:	82	Resp:	1955
Ion Ratio	Lower	Upper	
82	100		
128	36.8	29.2	43.8
54	66.2	47.0	70.6

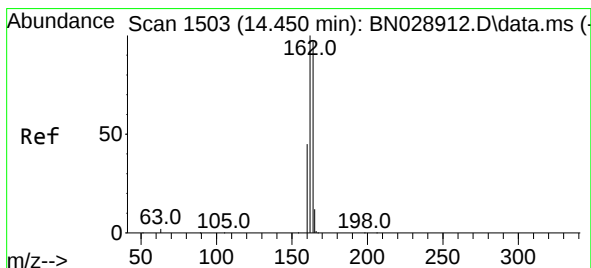
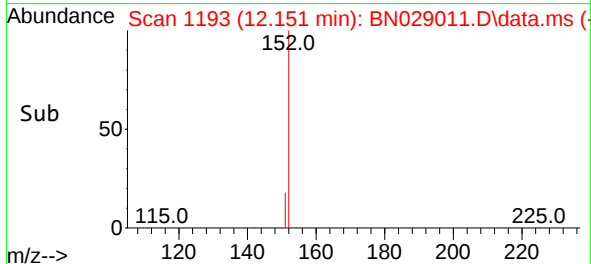
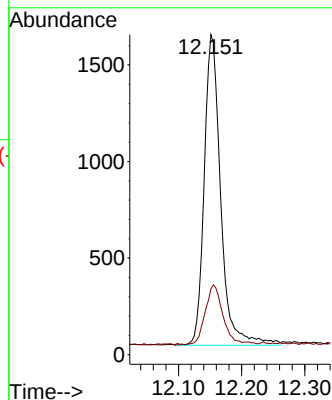
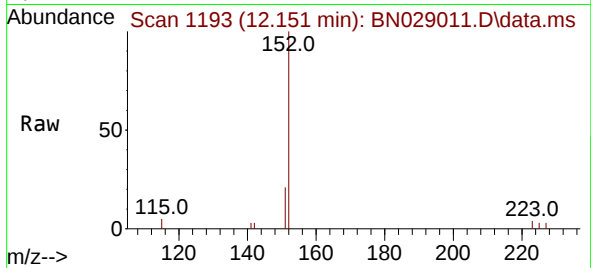




#11
2-Methylnaphthalene-d10
Concen: 0.296 ng
RT: 12.151 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN029011.D
Acq: 03 Dec 2023 09:11

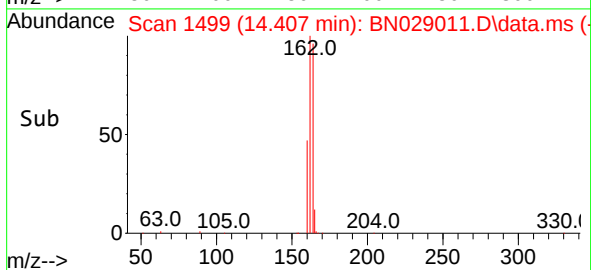
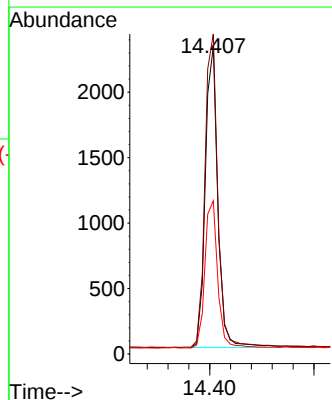
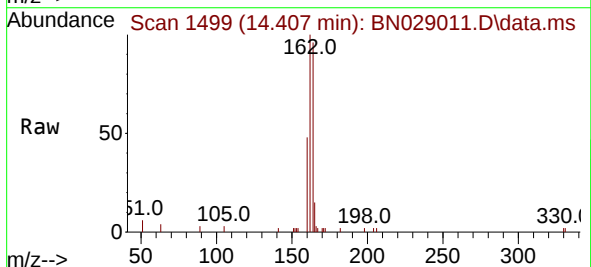
Instrument :
BNA_N
ClientSampleId :
RE105D1-20231109

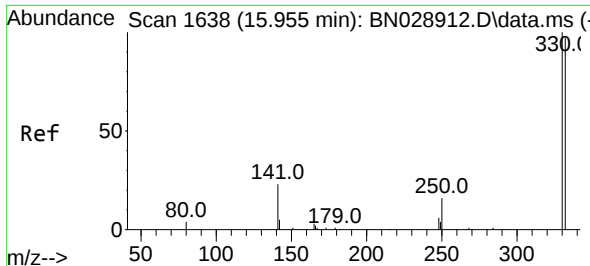
Tgt Ion:152 Resp: 2917
Ion Ratio Lower Upper
152 100
151 21.2 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.407 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BN029011.D
Acq: 03 Dec 2023 09:11

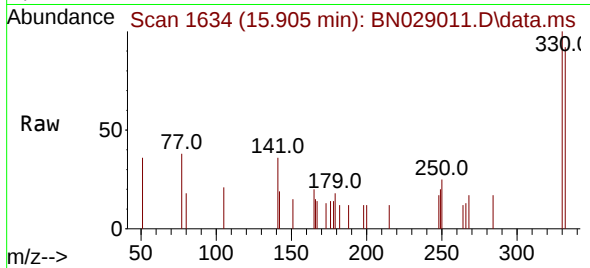
Tgt Ion:164 Resp: 3836
Ion Ratio Lower Upper
164 100
162 104.1 81.7 122.5
160 49.8 37.0 55.6



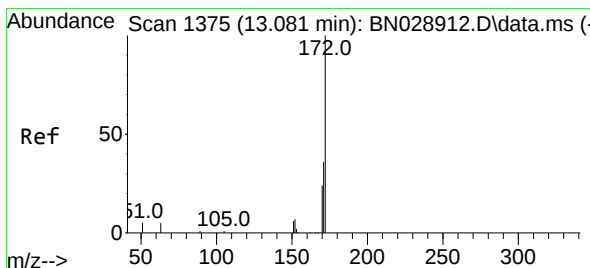
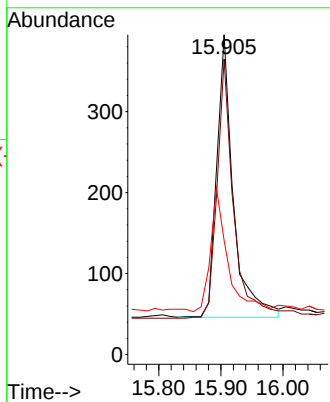
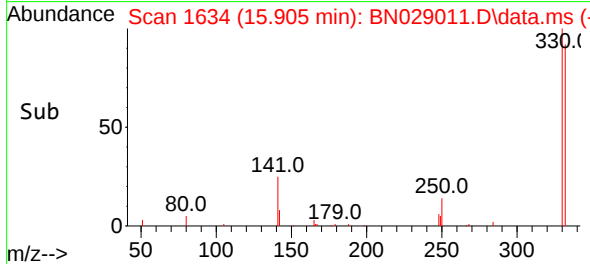


#14
2,4,6-Tribromophenol
Concen: 0.251 ng
RT: 15.905 min Scan# 1634
Delta R.T. -0.000 min
Lab File: BN029011.D
Acq: 03 Dec 2023 09:11

Instrument :
BNA_N
ClientSampleId :
RE105D1-20231109

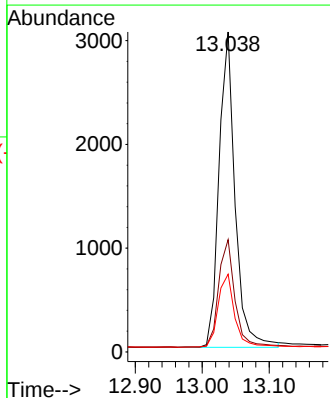
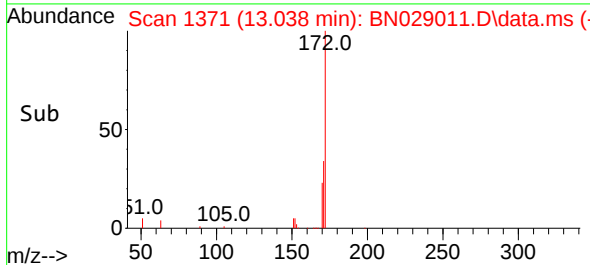
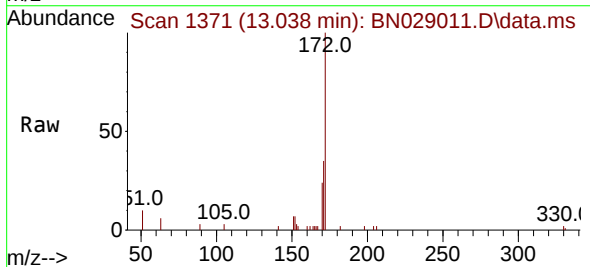


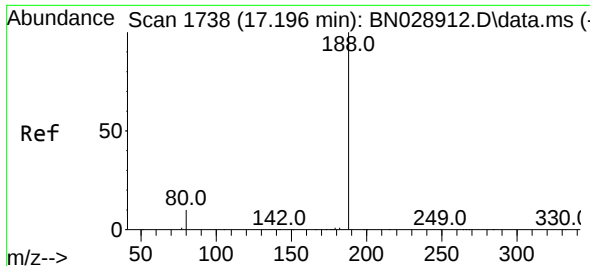
Tgt Ion:330 Resp: 650
Ion Ratio Lower Upper
330 100
332 90.2 75.4 113.2
141 44.9 35.7 53.5



#15
2-Fluorobiphenyl
Concen: 0.306 ng
RT: 13.038 min Scan# 1371
Delta R.T. -0.000 min
Lab File: BN029011.D
Acq: 03 Dec 2023 09:11

Tgt Ion:172 Resp: 5065
Ion Ratio Lower Upper
172 100
171 35.1 29.0 43.4
170 24.3 19.7 29.5

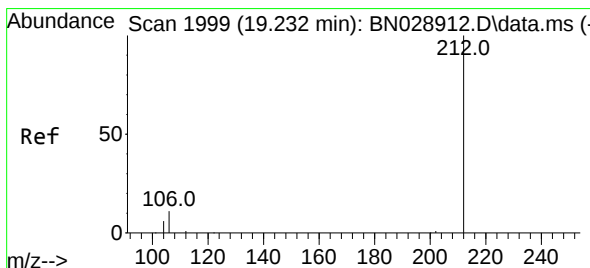
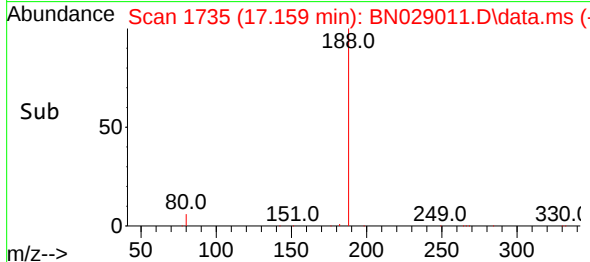
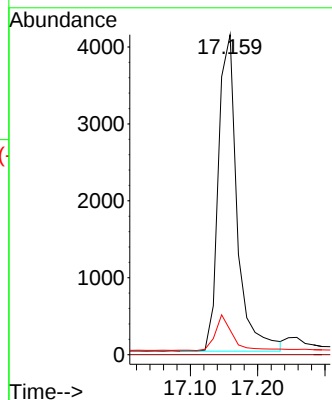
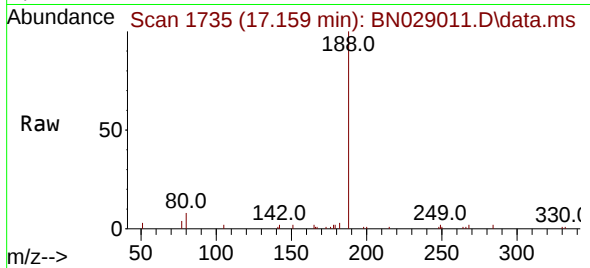




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.159 min Scan# 1735
Delta R.T. -0.000 min
Lab File: BN029011.D
Acq: 03 Dec 2023 09:11

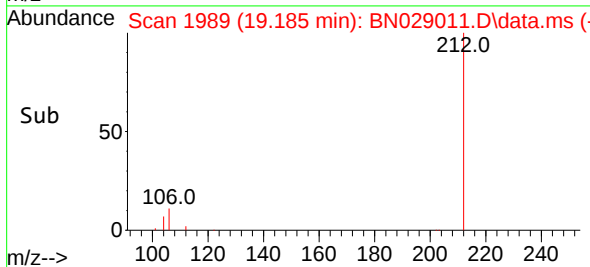
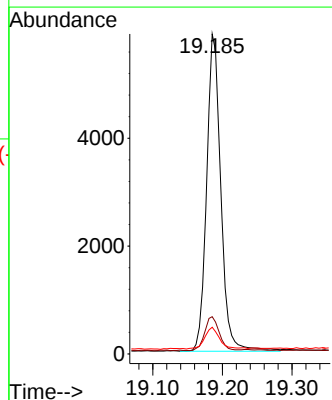
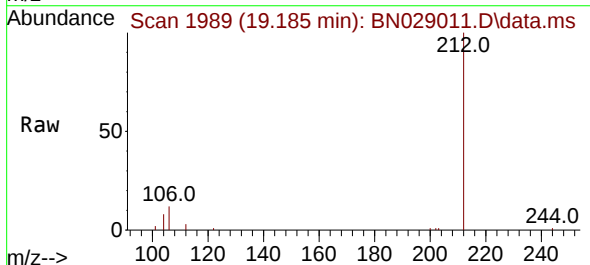
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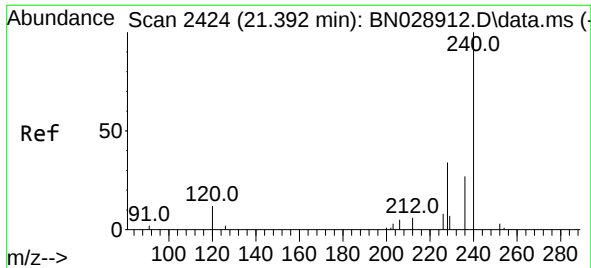
Tgt Ion:188 Resp: 7940
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.7 9.0 13.6#



#27
Fluoranthene-d10
Concen: 0.399 ng
RT: 19.185 min Scan# 1989
Delta R.T. -0.005 min
Lab File: BN029011.D
Acq: 03 Dec 2023 09:11

Tgt Ion:212 Resp: 8324
Ion Ratio Lower Upper
212 100
106 10.8 9.4 14.2
104 7.2 6.2 9.2

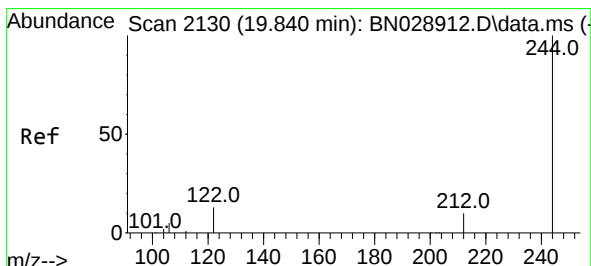
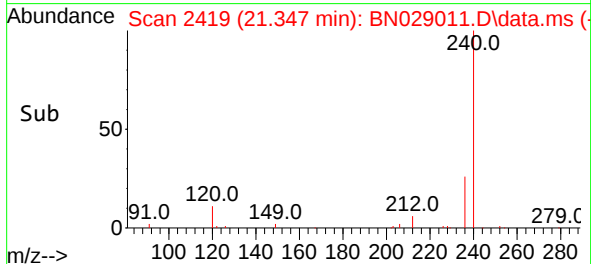
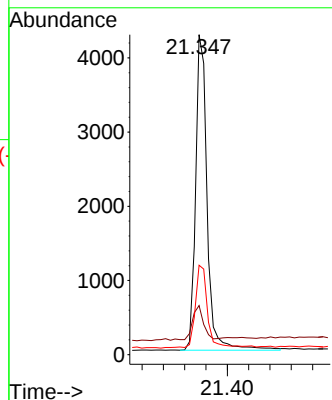
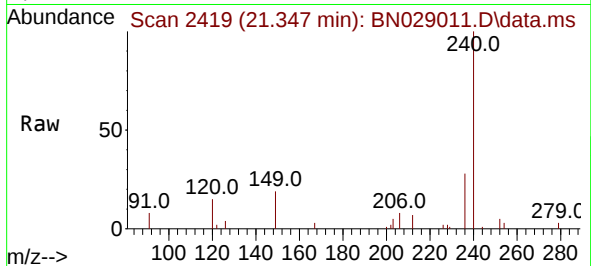




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.347 min Scan# 2419
Delta R.T. -0.000 min
Lab File: BN029011.D
Acq: 03 Dec 2023 09:11

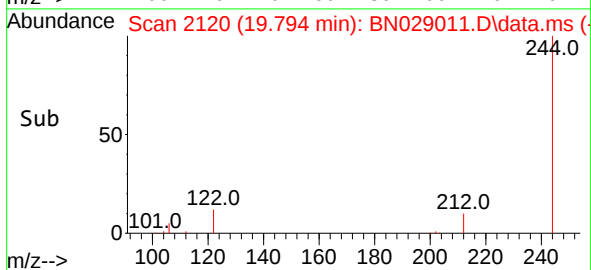
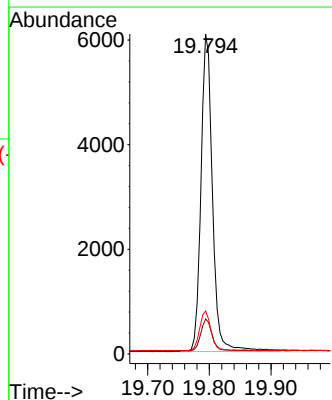
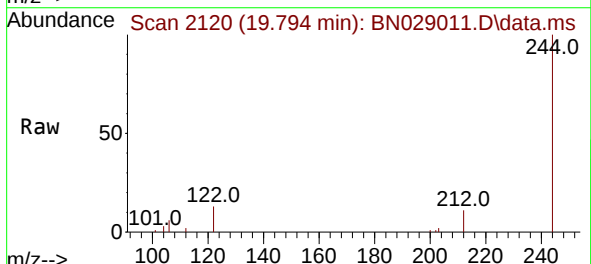
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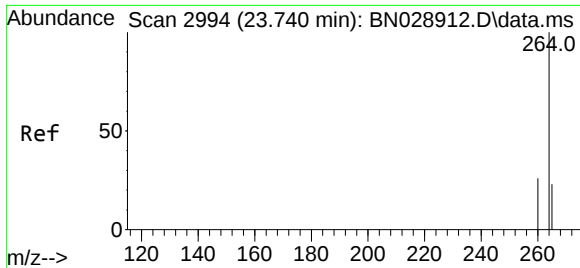
Tgt Ion:240 Resp: 6407
Ion Ratio Lower Upper
240 100
120 15.4 37.1 55.7#
236 28.0 32.4 48.6#



#31
Terphenyl-d14
Concen: 0.420 ng
RT: 19.794 min Scan# 2120
Delta R.T. -0.000 min
Lab File: BN029011.D
Acq: 03 Dec 2023 09:11

Tgt Ion:244 Resp: 7887
Ion Ratio Lower Upper
244 100
212 11.0 11.5 17.3#
122 13.5 13.2 19.8





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.673 min Scan# 2994

Delta R.T. 0.003 min

Lab File: BN029011.D

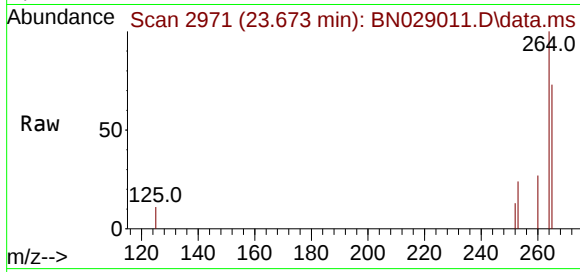
Acq: 03 Dec 2023 09:11

Instrument :

BNA_N

ClientSampleId :

RE105D1-20231109



Tgt Ion:264 Resp: 6163

Ion Ratio Lower Upper

264 100

260 26.8 20.6 30.8

265 73.0 464.5 696.7#

