

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
 Data File : BN034147.D
 Acq On : 22 Sep 2024 05:24
 Operator : JU/RC
 Sample : P4116-01
 Misc :
 ALS Vial : 112 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE123D3-20240916

Quant Time: Sep 23 00:03:49 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)

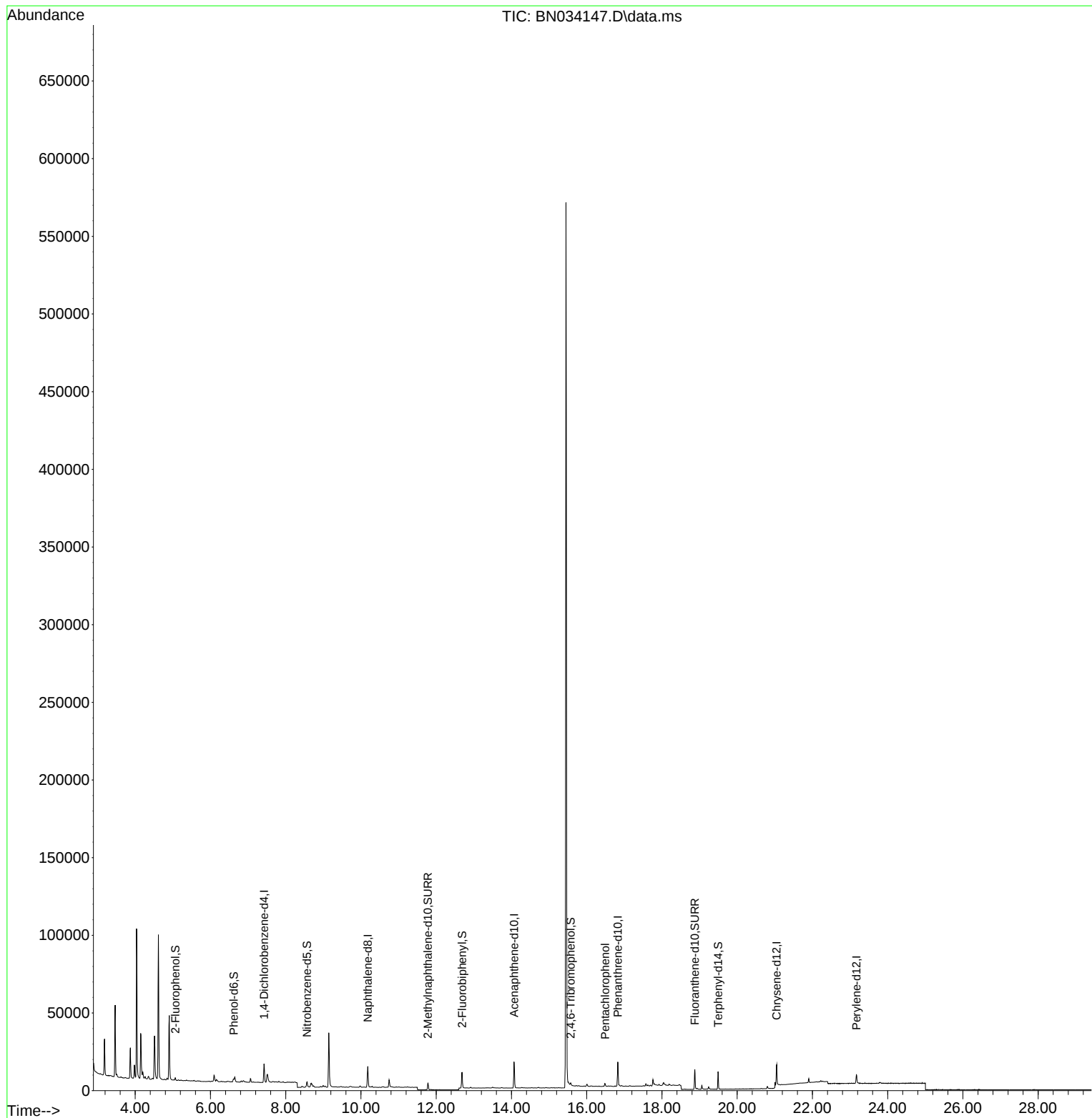
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.423	152	5666	0.400	ng	-0.01
7) Naphthalene-d8	10.180	136	16638	0.400	ng	-0.02
13) Acenaphthene-d10	14.069	164	9359	0.400	ng	-0.01
19) Phenanthrene-d10	16.828	188	20406	0.400	ng	#-0.01
29) Chrysene-d12	21.050	240	13402	0.400	ng	# 0.00
35) Perylene-d12	23.169	264	7153	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.069	112	1264	0.079	ng	0.00
5) Phenol-d6	6.621	99	1077	0.058	ng	-0.01
8) Nitrobenzene-d5	8.568	82	3171	0.249	ng	0.00
11) 2-Methylnaphthalene-d10	11.780	152	5961	0.243	ng	-0.01
14) 2,4,6-Tribromophenol	15.574	330	778	0.183	ng	-0.01
15) 2-Fluorobiphenyl	12.689	172	10018	0.263	ng	-0.01
27) Fluoranthene-d10	18.873	212	13823	0.268	ng	-0.01
31) Terphenyl-d14	19.491	244	10154	0.379	ng	-0.01
Target Compounds						
24) Pentachlorophenol	16.492	266	1087	0.256	ng	Qvalue 98

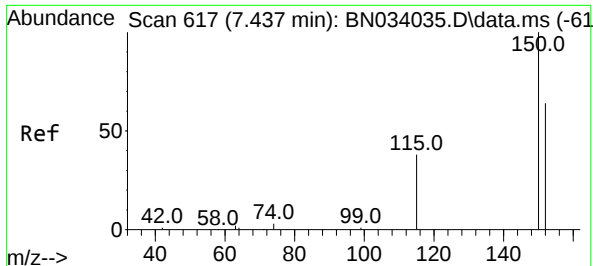
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
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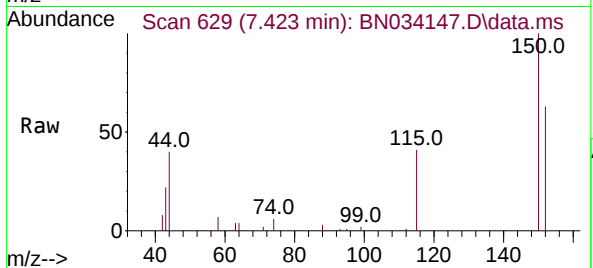
Quant Time: Sep 23 00:03:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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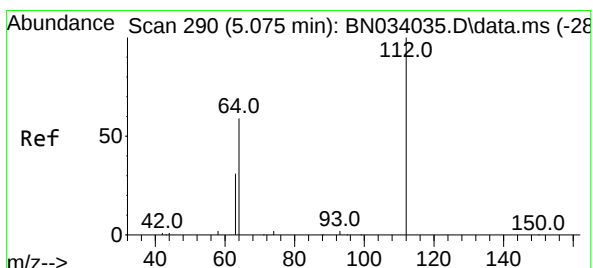
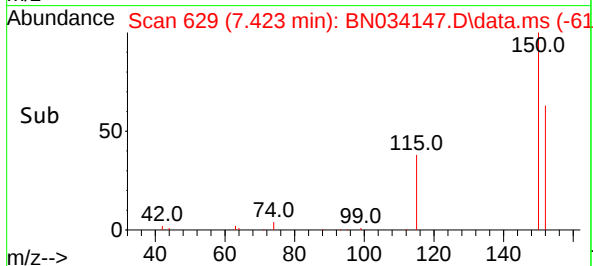
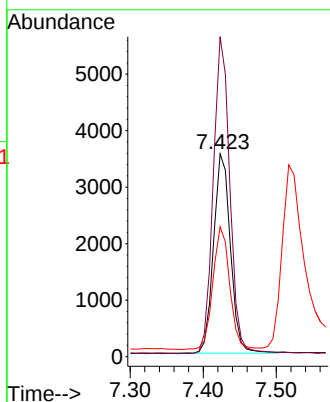


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.423 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN034147.D
Acq: 22 Sep 2024 05:24

Instrument :
BNA_N
ClientSampleId :
RE123D3-20240916

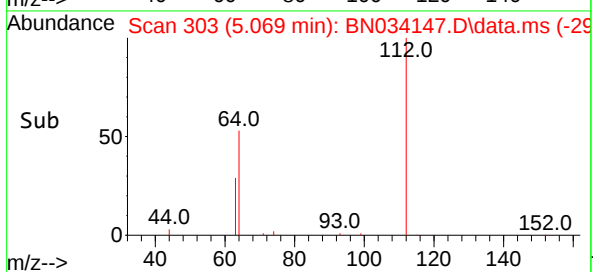
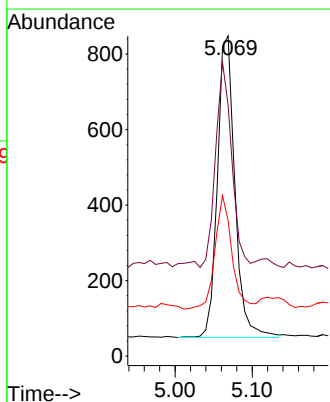
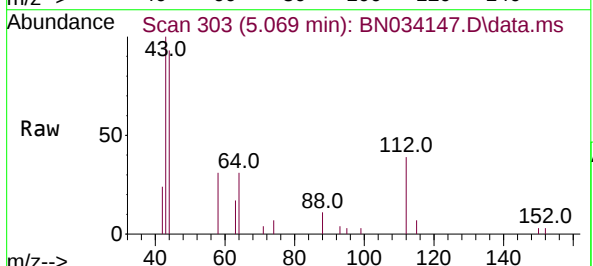


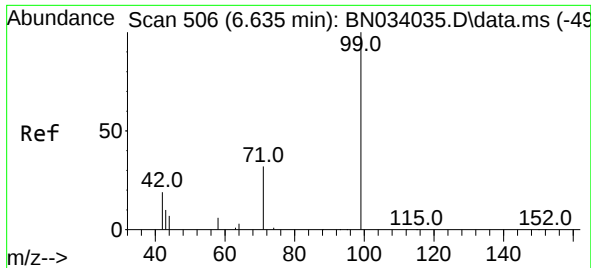
Tgt Ion:152 Resp: 5666
Ion Ratio Lower Upper
152 100
150 157.8 124.6 187.0
115 64.0 50.0 75.0



#4
2-Fluorophenol
Concen: 0.079 ng
RT: 5.069 min Scan# 303
Delta R.T. -0.006 min
Lab File: BN034147.D
Acq: 22 Sep 2024 05:24

Tgt Ion:112 Resp: 1264
Ion Ratio Lower Upper
112 100
64 62.1 48.6 72.8
63 35.5 25.6 38.4

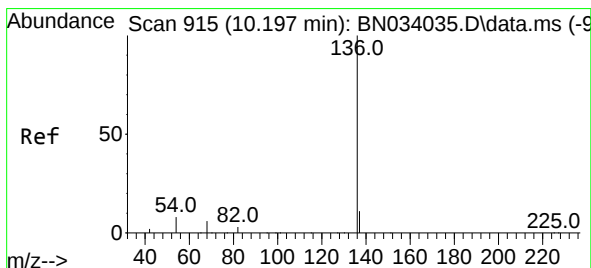
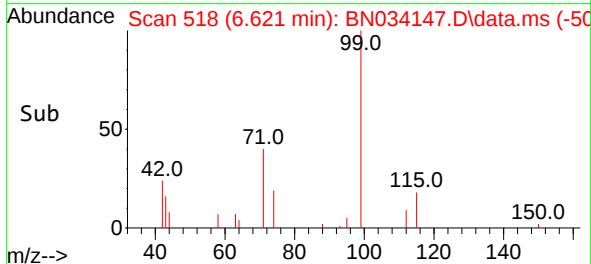
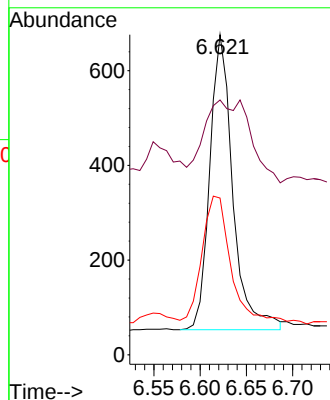
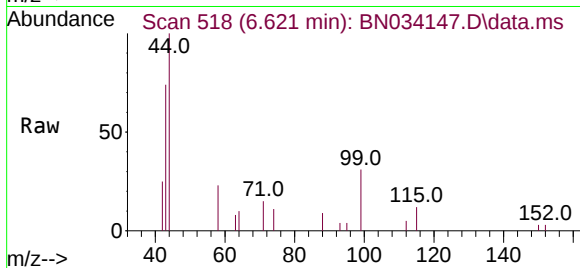




#5
Phenol-d6
Concen: 0.058 ng
RT: 6.621 min Scan# 51
Delta R.T. -0.014 min
Lab File: BN034147.D
Acq: 22 Sep 2024 05:24

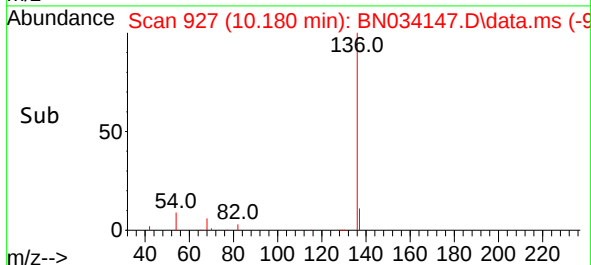
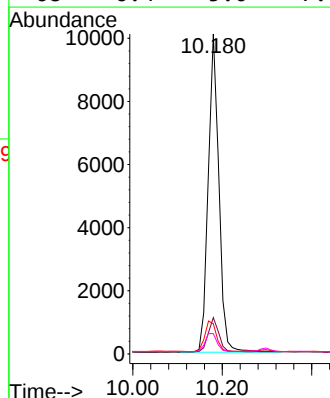
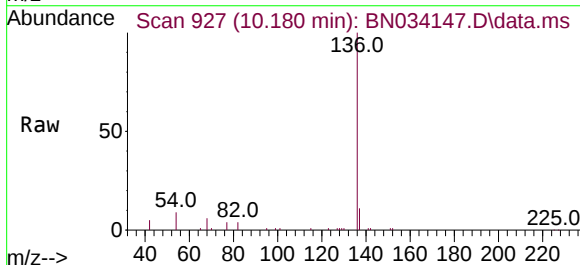
Instrument :
BNA_N
ClientSampleId :
RE123D3-20240916

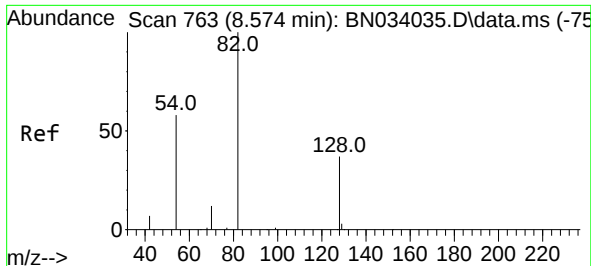
Tgt Ion: 99 Resp: 1077
Ion Ratio Lower Upper
99 100
42 56.2 17.8 26.8#
71 51.2 26.2 39.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.180 min Scan# 927
Delta R.T. -0.017 min
Lab File: BN034147.D
Acq: 22 Sep 2024 05:24

Tgt Ion: 136 Resp: 16638
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 9.4 6.8 10.2
68 6.4 5.0 7.6

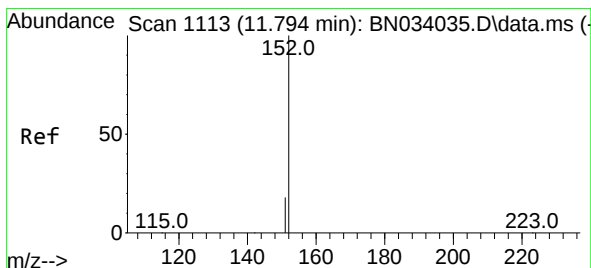
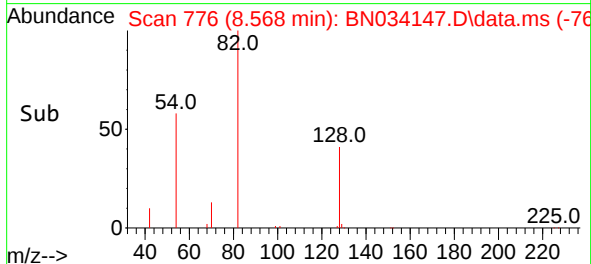
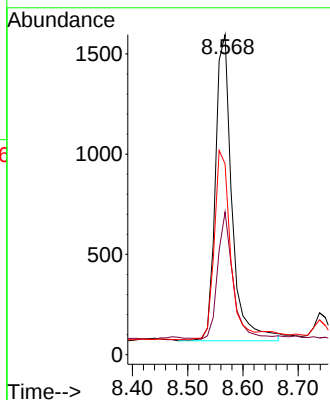
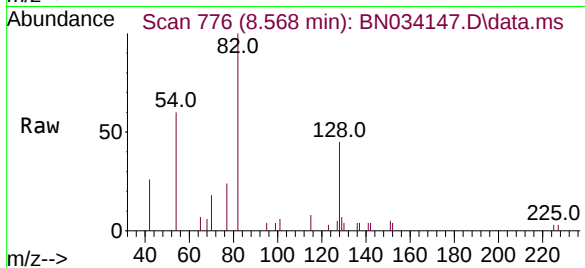




#8
Nitrobenzene-d5
Concen: 0.249 ng
RT: 8.568 min Scan# 71
Delta R.T. -0.006 min
Lab File: BN034147.D
Acq: 22 Sep 2024 05:24

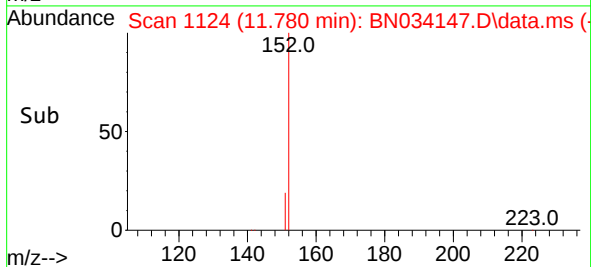
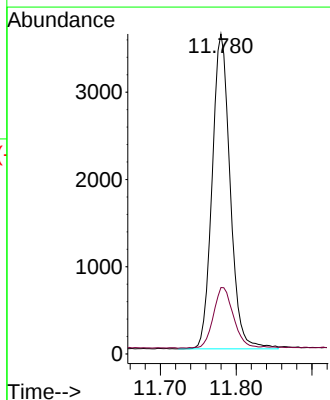
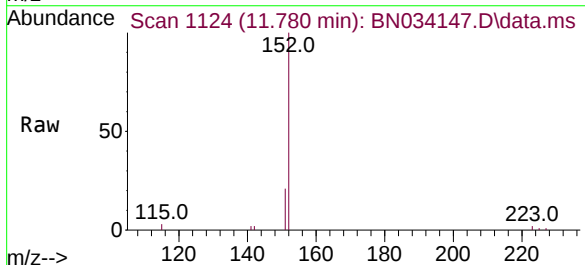
Instrument :
BNA_N
ClientSampleId :
RE123D3-20240916

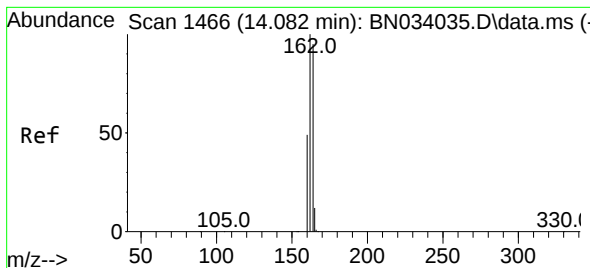
Tgt Ion: 82 Resp: 3171
Ion Ratio Lower Upper
82 100
128 44.6 31.4 47.2
54 59.6 47.4 71.0



#11
2-Methylnaphthalene-d10
Concen: 0.243 ng
RT: 11.780 min Scan# 1124
Delta R.T. -0.014 min
Lab File: BN034147.D
Acq: 22 Sep 2024 05:24

Tgt Ion:152 Resp: 5961
Ion Ratio Lower Upper
152 100
151 21.5 16.8 25.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.069 min Scan# 1466

Delta R.T. -0.013 min

Lab File: BN034147.D

Acq: 22 Sep 2024 05:24

Instrument :

BNA_N

ClientSampleId :

RE123D3-20240916

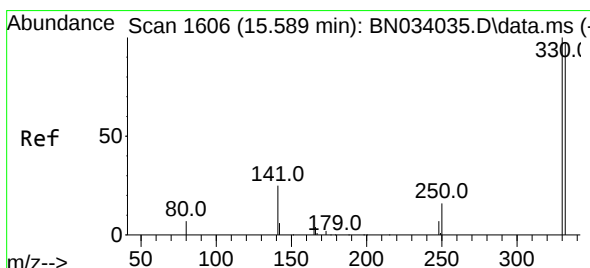
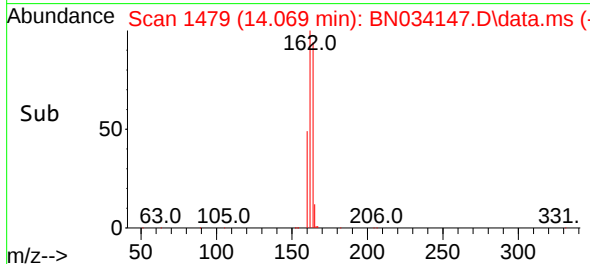
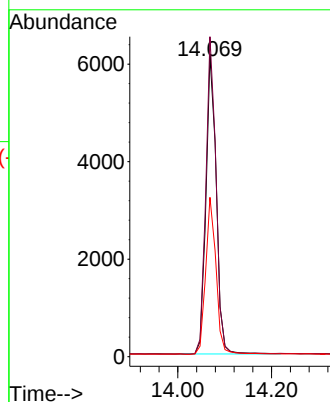
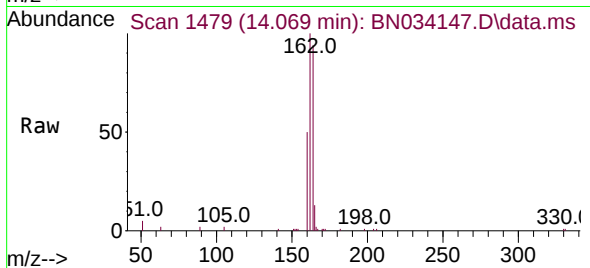
Tgt Ion:164 Resp: 9359

Ion Ratio Lower Upper

164 100

162 106.3 84.2 126.2

160 52.9 41.7 62.5



#14

2,4,6-Tribromophenol

Concen: 0.183 ng

RT: 15.574 min Scan# 1619

Delta R.T. -0.015 min

Lab File: BN034147.D

Acq: 22 Sep 2024 05:24

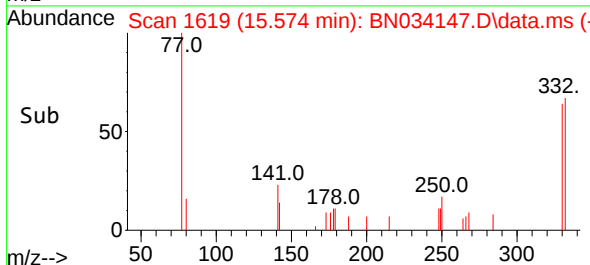
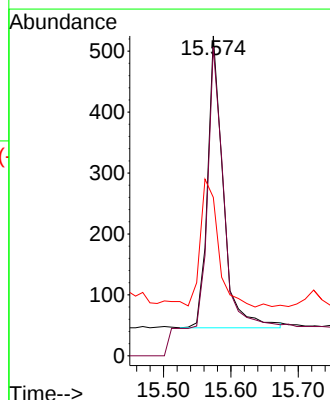
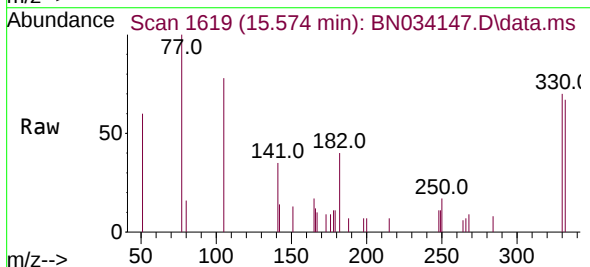
Tgt Ion:330 Resp: 778

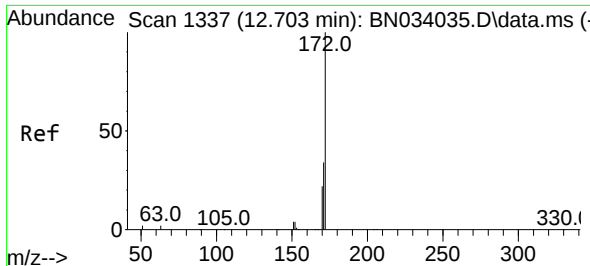
Ion Ratio Lower Upper

330 100

332 155.4 77.4 116.0#

141 49.9 35.9 53.9

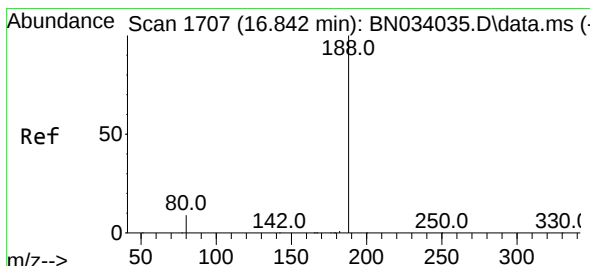
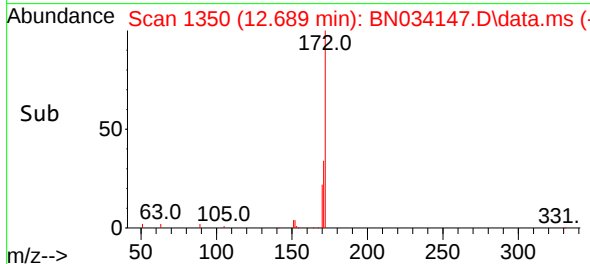
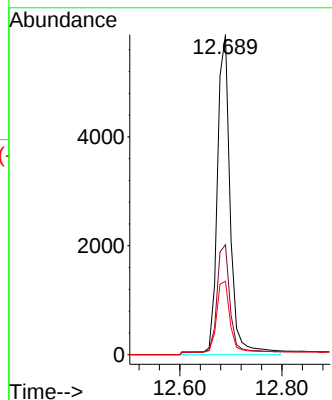
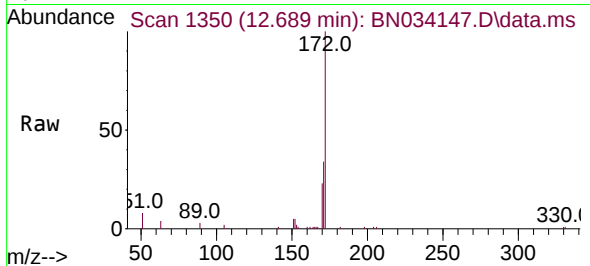




#15
2-Fluorobiphenyl
Concen: 0.263 ng
RT: 12.689 min Scan# 11
Delta R.T. -0.013 min
Lab File: BN034147.D
Acq: 22 Sep 2024 05:24

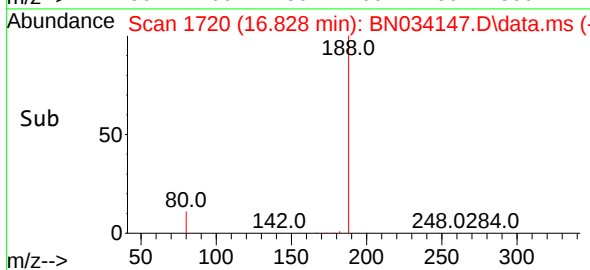
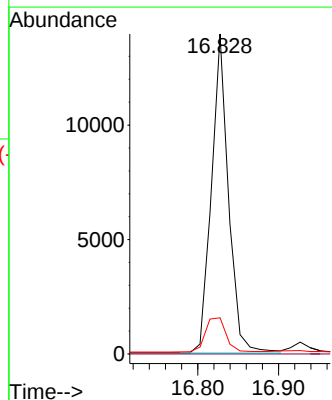
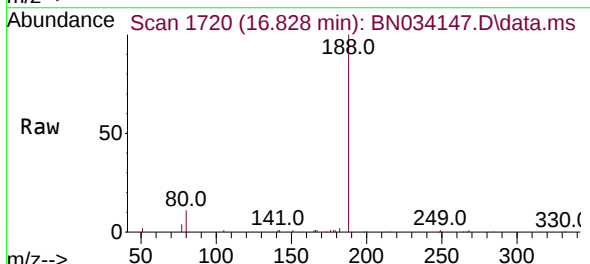
Instrument :
BNA_N
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RE123D3-20240916

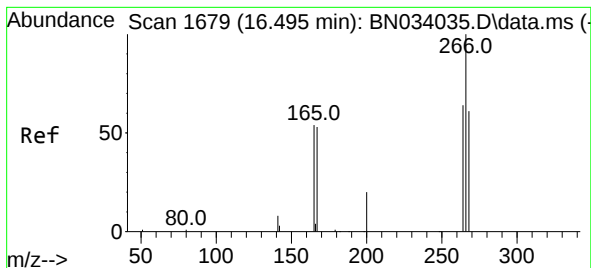
Tgt Ion:172	Resp:	10018
Ion Ratio	Lower	Upper
172	100	
171	34.3	27.3 40.9
170	23.0	18.1 27.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.828 min Scan# 1720
Delta R.T. -0.015 min
Lab File: BN034147.D
Acq: 22 Sep 2024 05:24

Tgt Ion:188	Resp:	20406
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	11.3	7.4 11.0#





#24

Pentachlorophenol

Concen: 0.256 ng

RT: 16.492 min Scan# 1693

Delta R.T. -0.003 min

Lab File: BN034147.D

Acq: 22 Sep 2024 05:24

Instrument :

BNA_N

ClientSampleId :

RE123D3-20240916

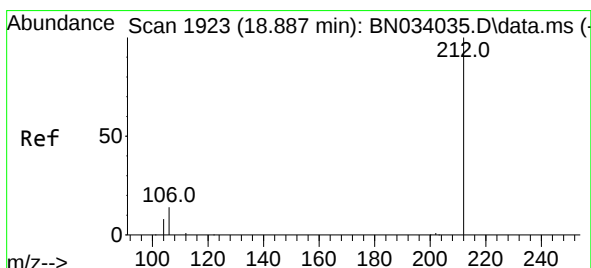
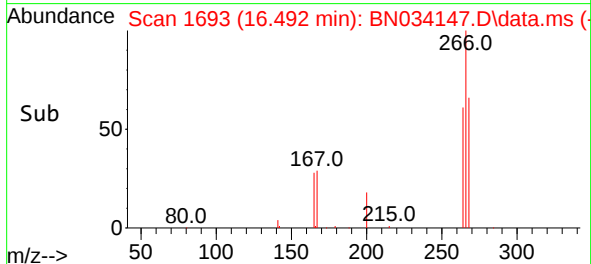
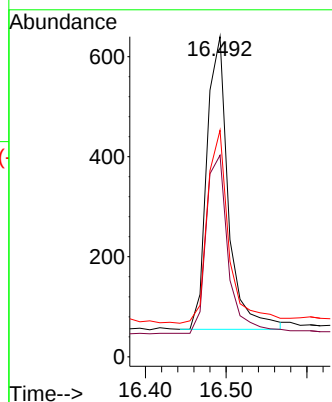
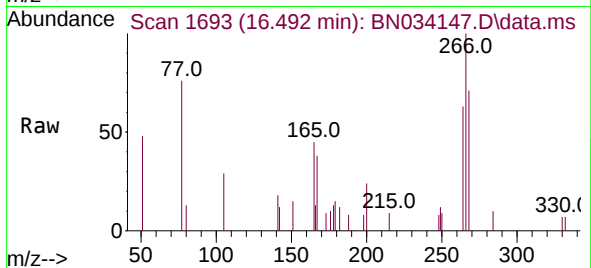
Tgt Ion:266 Resp: 1087

Ion Ratio Lower Upper

266 100

264 63.8 50.2 75.2

268 66.4 51.0 76.4



#27

Fluoranthene-d10

Concen: 0.268 ng

RT: 18.873 min Scan# 1933

Delta R.T. -0.013 min

Lab File: BN034147.D

Acq: 22 Sep 2024 05:24

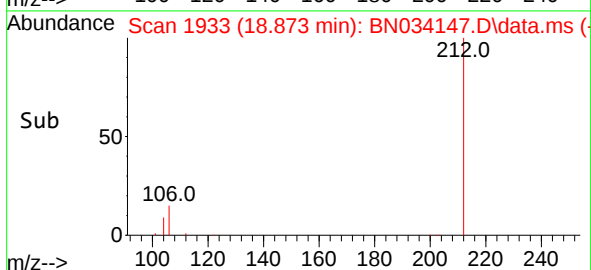
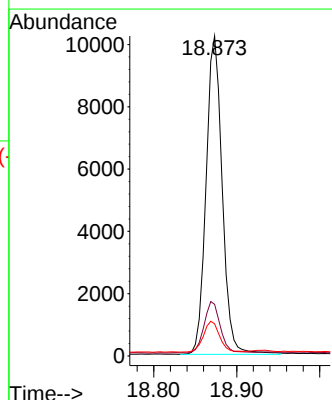
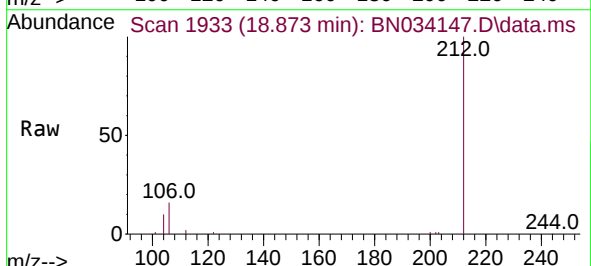
Tgt Ion:212 Resp: 13823

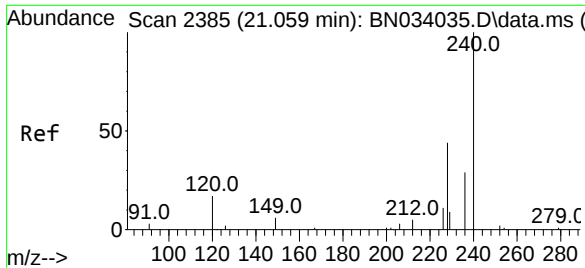
Ion Ratio Lower Upper

212 100

106 16.1 13.4 20.2

104 9.7 7.8 11.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.050 min Scan# 21

Delta R.T. -0.008 min

Lab File: BN034147.D

Acq: 22 Sep 2024 05:24

Instrument :

BNA_N

ClientSampleId :

RE123D3-20240916

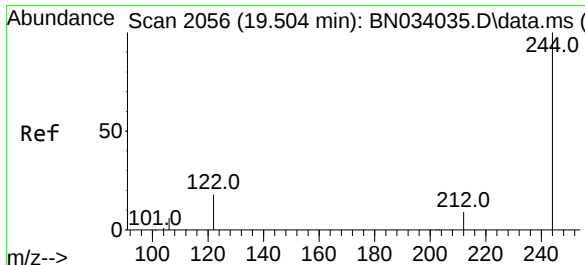
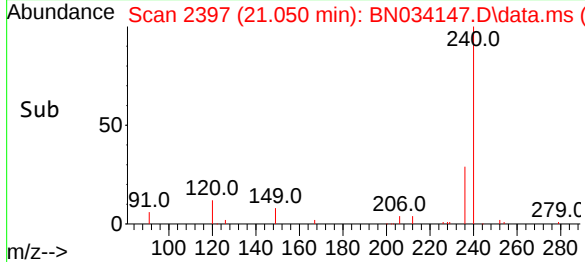
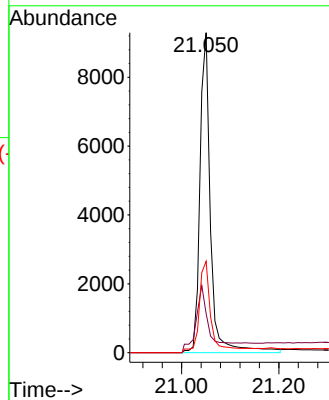
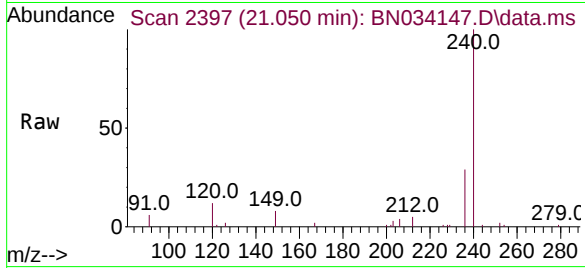
Tgt Ion:240 Resp: 13402

Ion Ratio Lower Upper

240 100

120 12.2 13.5 20.3#

236 28.6 23.4 35.0



#31

Terphenyl-d14

Concen: 0.379 ng

RT: 19.491 min Scan# 2066

Delta R.T. -0.013 min

Lab File: BN034147.D

Acq: 22 Sep 2024 05:24

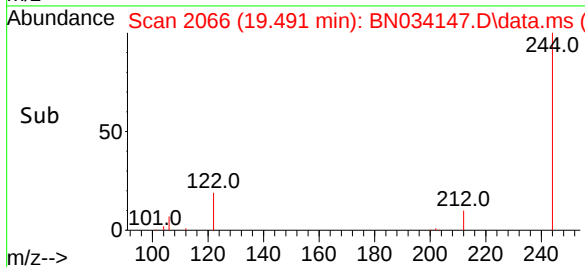
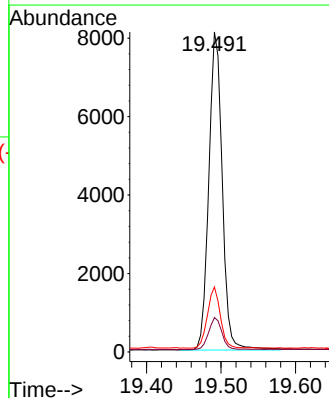
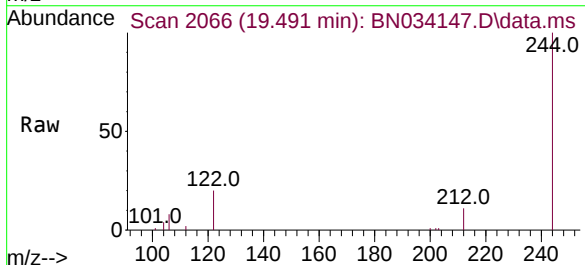
Tgt Ion:244 Resp: 10154

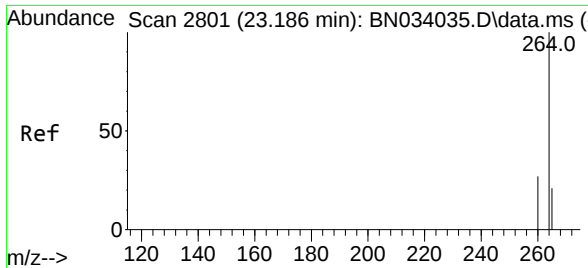
Ion Ratio Lower Upper

244 100

212 10.8 7.8 11.6

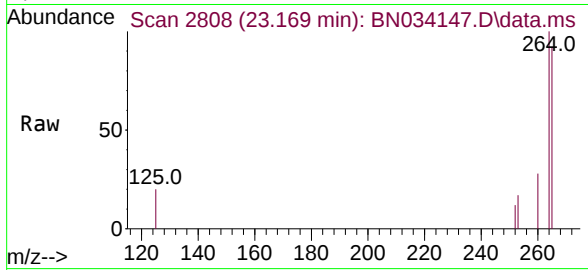
122 20.3 14.8 22.2





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.169 min Scan# 21
 Delta R.T. -0.017 min
 Lab File: BN034147.D
 Acq: 22 Sep 2024 05:24

Instrument :
 BNA_N
 ClientSampleId :
 RE123D3-20240916



Tgt Ion:264 Resp: 7153

Ion	Ratio	Lower	Upper
264	100		
260	28.3	21.7	32.5
265	92.0	52.1	78.1

