

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091024\
 Data File : BN033838.D
 Acq On : 10 Sep 2024 11:53
 Operator : MA/JU
 Sample : PB163220BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB163220BL

Quant Time: Sep 10 12:33:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 18:36:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.502	152	4897	0.400	ng	-0.01
7) Naphthalene-d8	10.261	136	12425	0.400	ng	#-0.01
13) Acenaphthene-d10	14.146	164	5628	0.400	ng	-0.01
19) Phenanthrene-d10	16.892	188	11008	0.400	ng	-0.01
29) Chrysene-d12	21.103	240	8239	0.400	ng	0.00
35) Perylene-d12	23.259	264	8982	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.147	112	4972	0.332	ng	0.00
5) Phenol-d6	6.700	99	5617	0.316	ng	0.00
8) Nitrobenzene-d5	8.638	82	4078	0.385	ng	-0.01
11) 2-Methylnaphthalene-d10	11.858	152	6780	0.386	ng	-0.02
14) 2,4,6-Tribromophenol	15.638	330	746	0.262	ng	-0.01
15) 2-Fluorobiphenyl	12.756	172	9510	0.405	ng	-0.01
27) Fluoranthene-d10	18.938	212	10813	0.398	ng	0.00
31) Terphenyl-d14	19.551	244	7585	0.432	ng	0.00

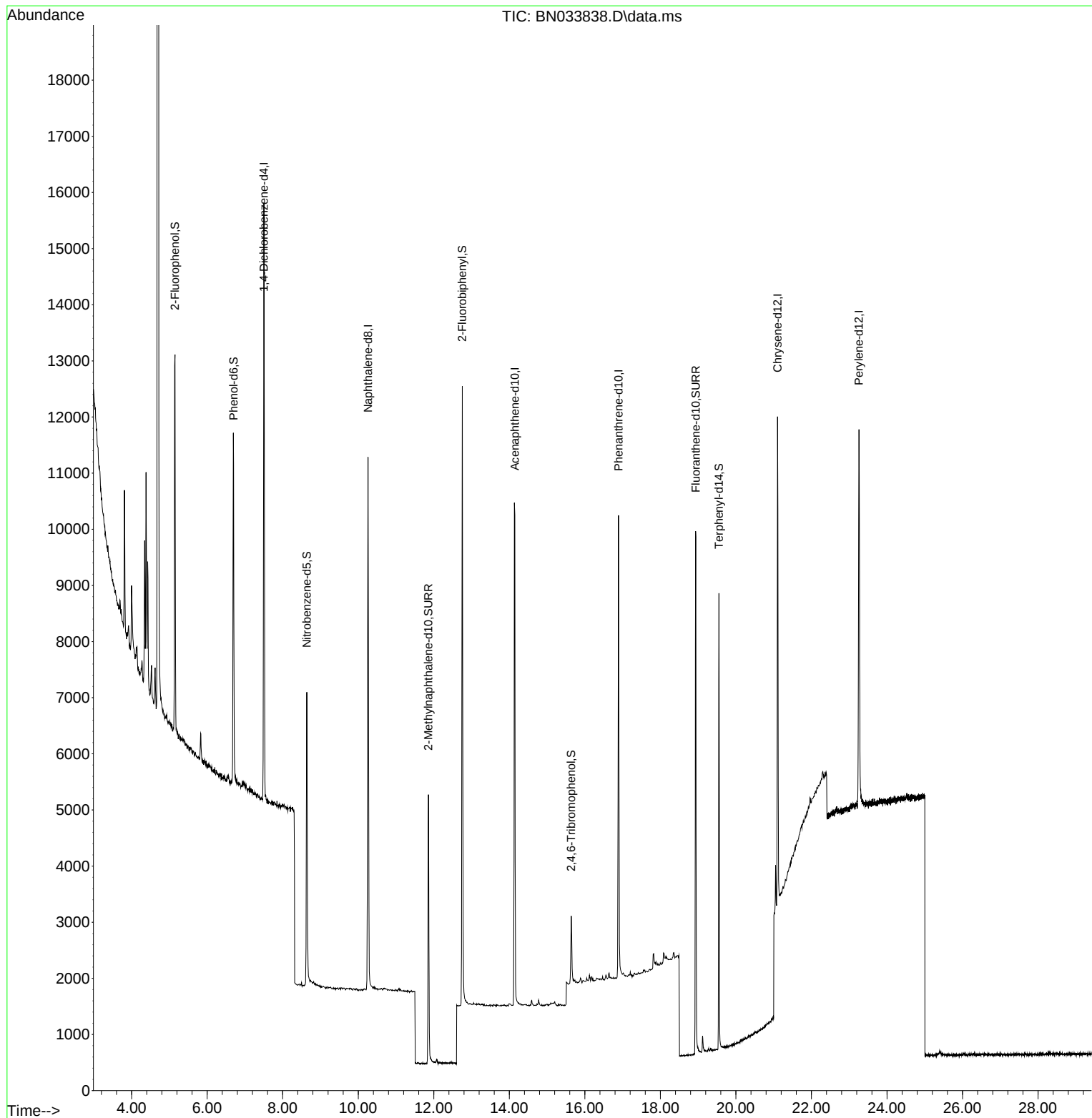
Target Compounds	Qvalue

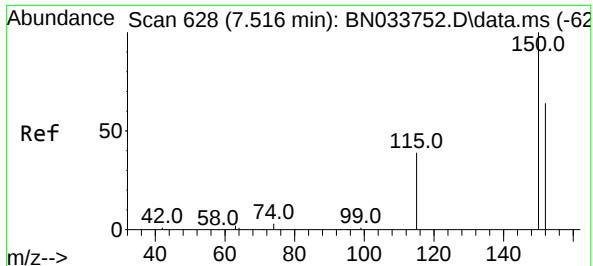
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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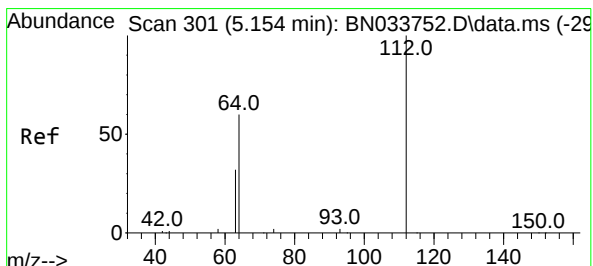
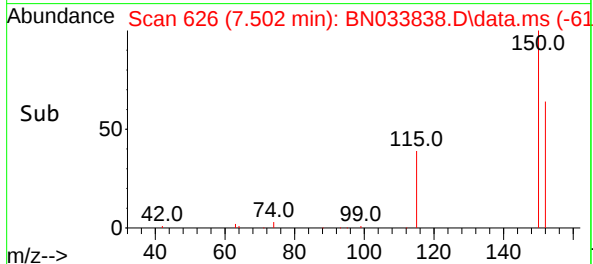
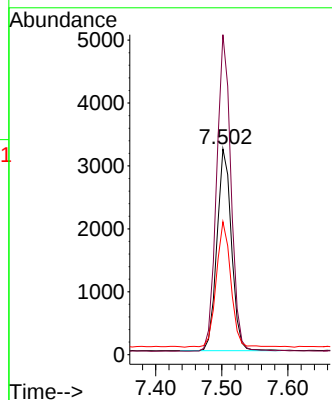
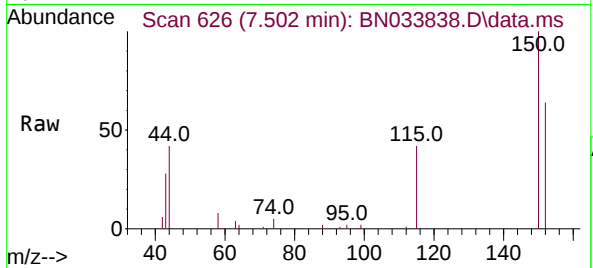




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.502 min Scan# 61
 Delta R.T. -0.014 min
 Lab File: BN033838.D
 Acq: 10 Sep 2024 11:53

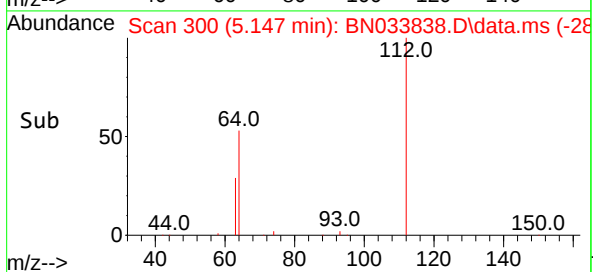
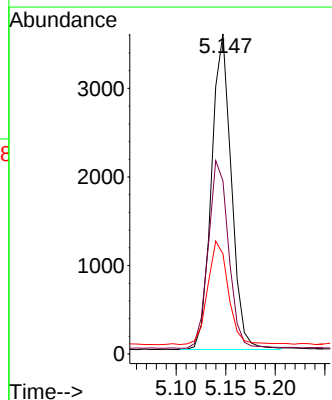
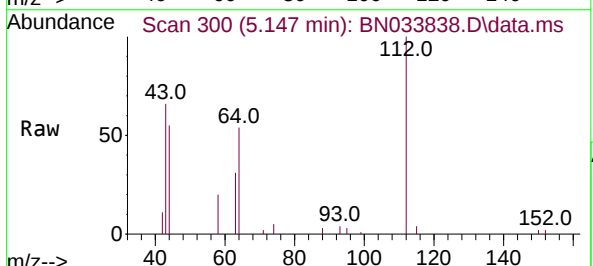
Instrument :
 BNA_N
 ClientSampleId :
 PB163220BL

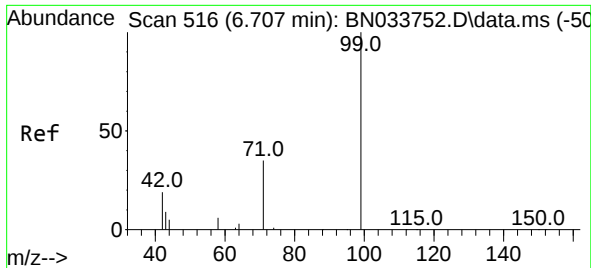
Tgt Ion:152 Resp: 4897
 Ion Ratio Lower Upper
 152 100
 150 155.5 123.3 184.9
 115 64.6 51.0 76.4



#4
 2-Fluorophenol
 Concen: 0.332 ng
 RT: 5.147 min Scan# 300
 Delta R.T. -0.007 min
 Lab File: BN033838.D
 Acq: 10 Sep 2024 11:53

Tgt Ion:112 Resp: 4972
 Ion Ratio Lower Upper
 112 100
 64 60.6 47.6 71.4
 63 34.4 25.9 38.9

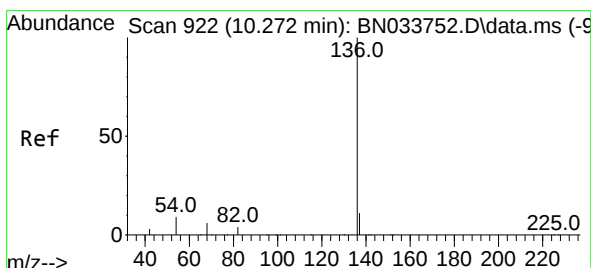
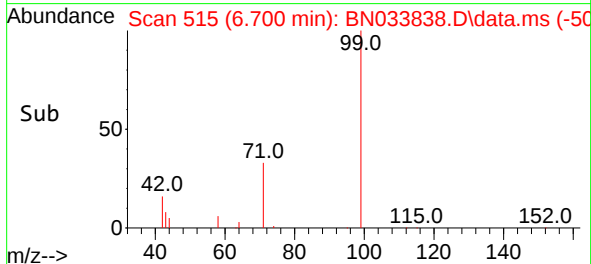
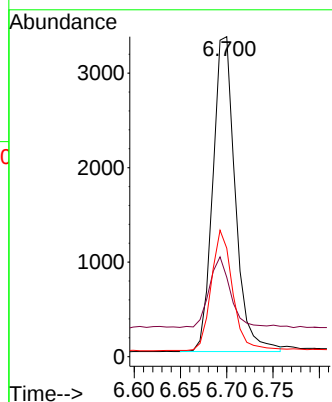
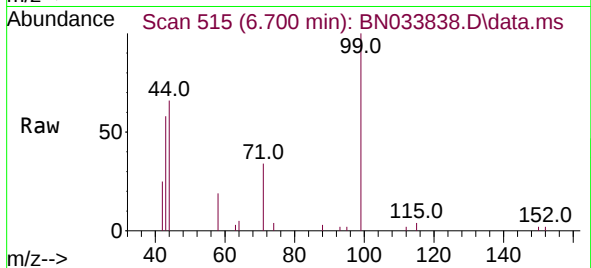




#5
Phenol-d6
Concen: 0.316 ng
RT: 6.700 min Scan# 516
Delta R.T. -0.007 min
Lab File: BN033838.D
Acq: 10 Sep 2024 11:53

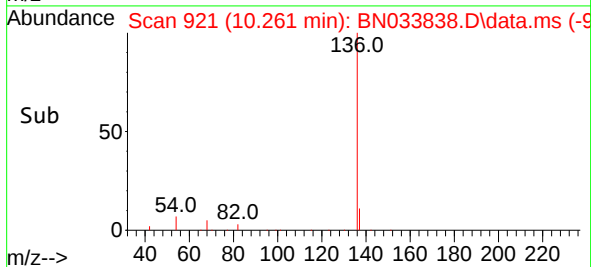
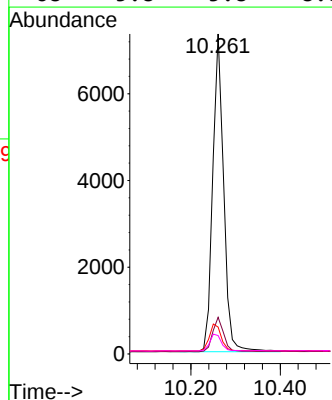
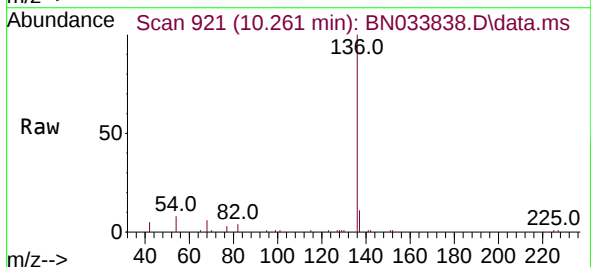
Instrument :
BNA_N
ClientSampleId :
PB163220BL

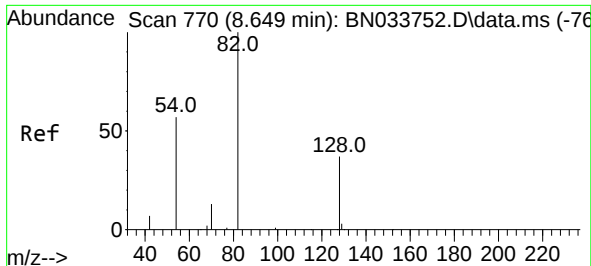
Tgt Ion: 99 Resp: 5617
Ion Ratio Lower Upper
99 100
42 21.0 18.0 27.0
71 37.0 28.7 43.1



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.261 min Scan# 921
Delta R.T. -0.011 min
Lab File: BN033838.D
Acq: 10 Sep 2024 11:53

Tgt Ion: 136 Resp: 12425
Ion Ratio Lower Upper
136 100
137 11.5 9.0 13.4
54 8.4 8.1 12.1
68 5.8 5.8 8.8#

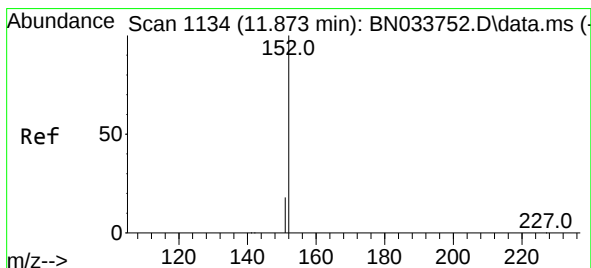
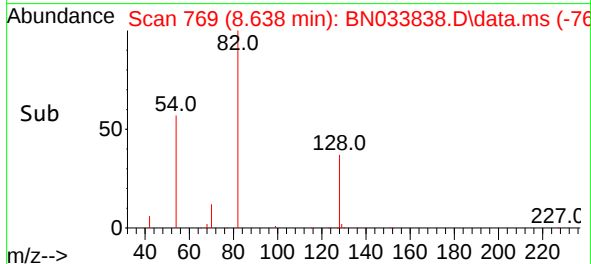
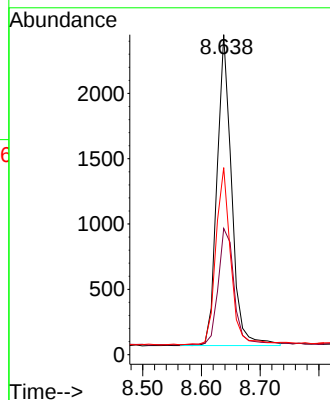
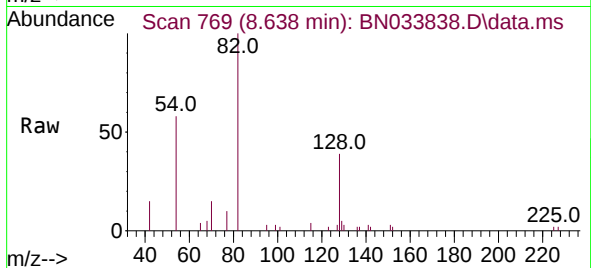




#8
Nitrobenzene-d5
Concen: 0.385 ng
RT: 8.638 min Scan# 710
Delta R.T. -0.011 min
Lab File: BN033838.D
Acq: 10 Sep 2024 11:53

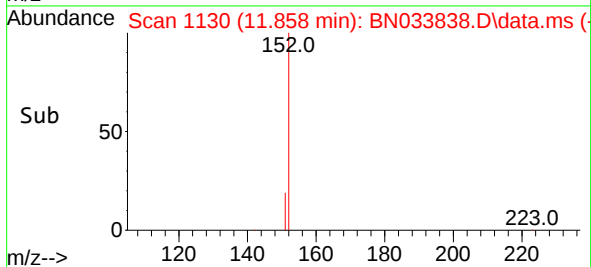
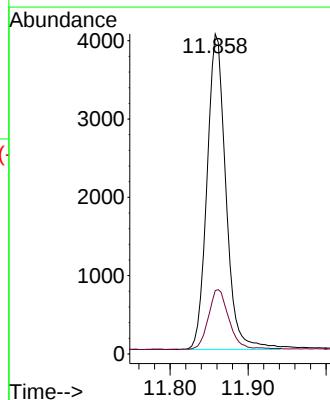
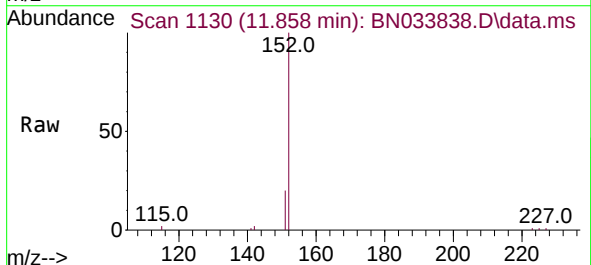
Instrument :
BNA_N
ClientSampleId :
PB163220BL

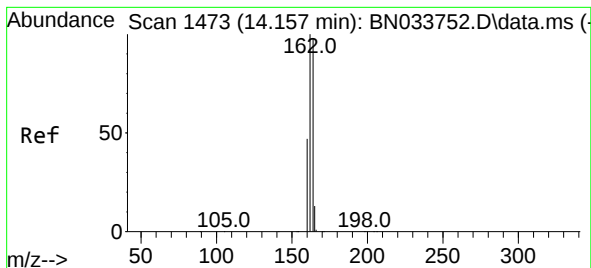
Tgt Ion: 82 Resp: 4078
Ion Ratio Lower Upper
82 100
128 39.4 31.3 46.9
54 58.4 46.9 70.3



#11
2-Methylnaphthalene-d10
Concen: 0.386 ng
RT: 11.858 min Scan# 1130
Delta R.T. -0.015 min
Lab File: BN033838.D
Acq: 10 Sep 2024 11:53

Tgt Ion: 152 Resp: 6780
Ion Ratio Lower Upper
152 100
151 20.3 16.7 25.1





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.146 min Scan# 14

Delta R.T. -0.011 min

Lab File: BN033838.D

Acq: 10 Sep 2024 11:53

Instrument :

BNA_N

ClientSampleId :

PB163220BL

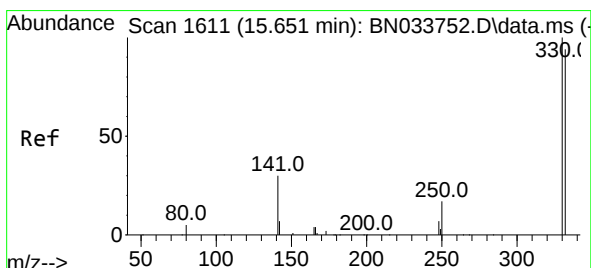
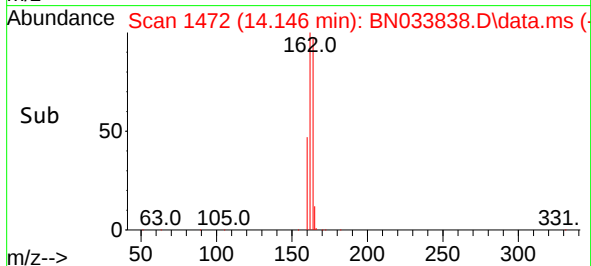
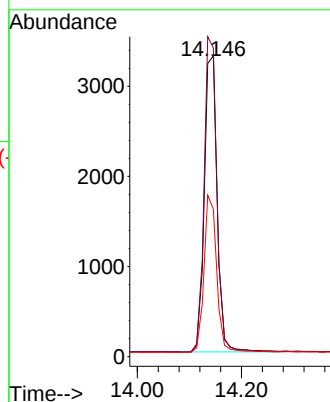
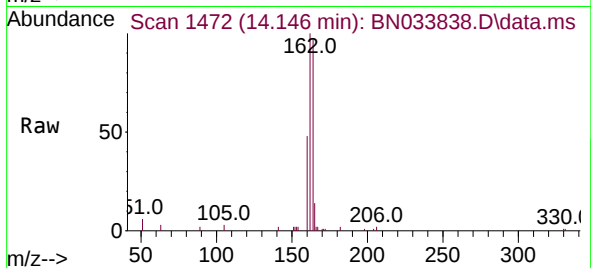
Tgt Ion:164 Resp: 5628

Ion Ratio Lower Upper

164 100

162 102.6 82.0 123.0

160 49.1 39.1 58.7



#14

2,4,6-Tribromophenol

Concen: 0.262 ng

RT: 15.638 min Scan# 1610

Delta R.T. -0.013 min

Lab File: BN033838.D

Acq: 10 Sep 2024 11:53

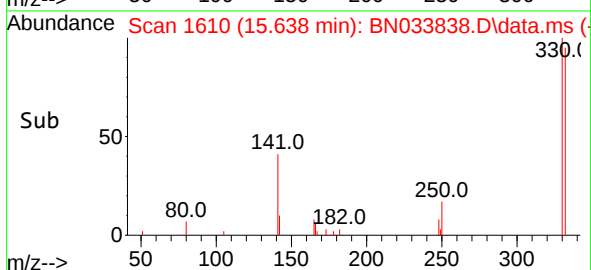
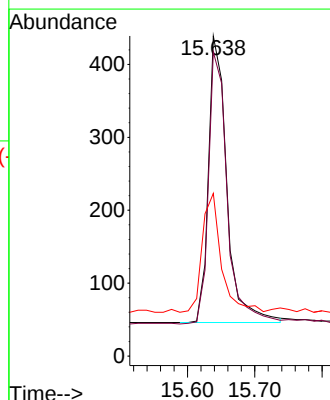
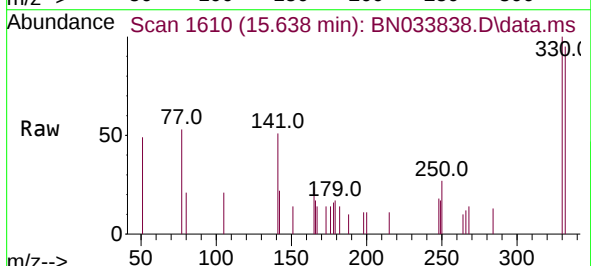
Tgt Ion:330 Resp: 746

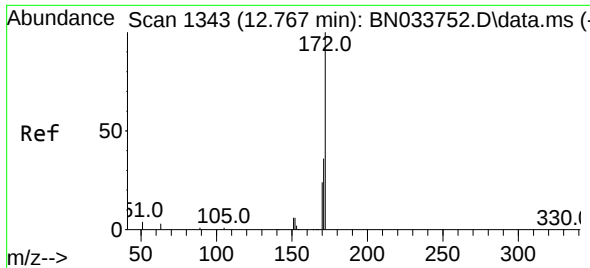
Ion Ratio Lower Upper

330 100

332 97.3 74.2 111.4

141 43.3 33.9 50.9

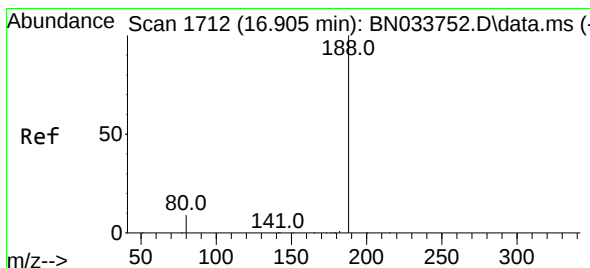
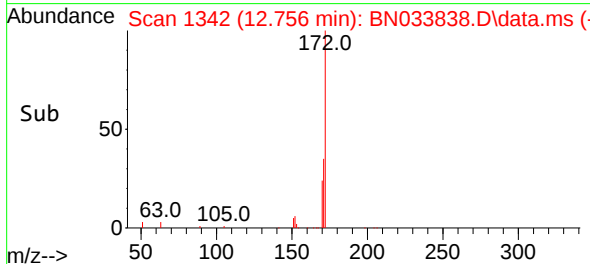
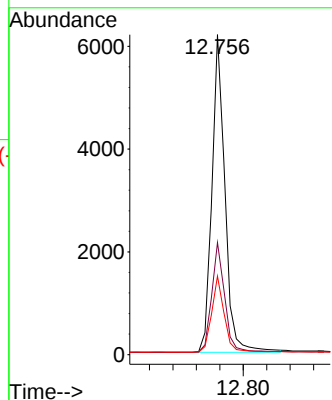
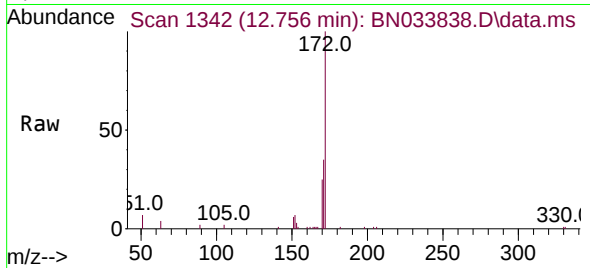




#15
2-Fluorobiphenyl
Concen: 0.405 ng
RT: 12.756 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN033838.D
Acq: 10 Sep 2024 11:53

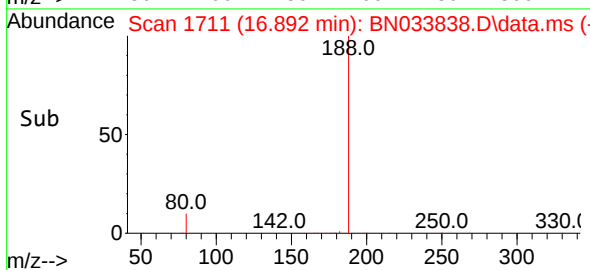
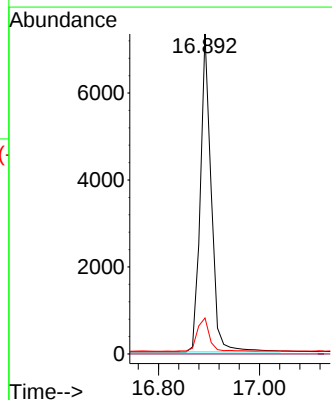
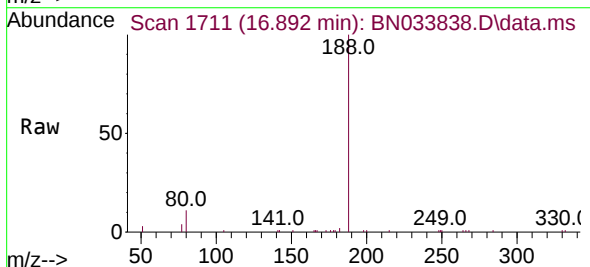
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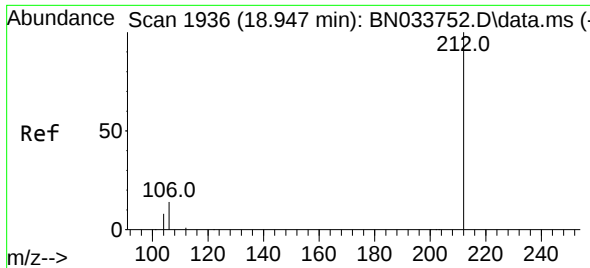
Tgt Ion:	172	Resp:	9510
Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.8	43.2
170	24.5	19.7	29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.892 min Scan# 1711
Delta R.T. -0.013 min
Lab File: BN033838.D
Acq: 10 Sep 2024 11:53

Tgt Ion:	188	Resp:	11008
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.2	7.9	11.9

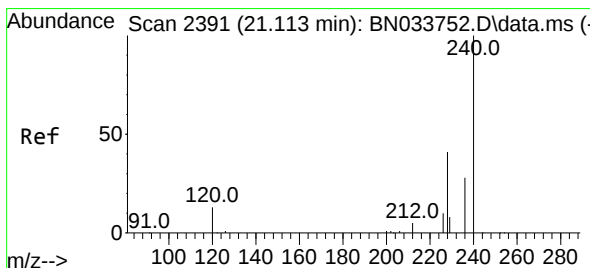
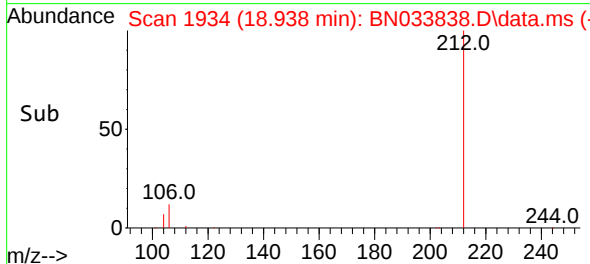
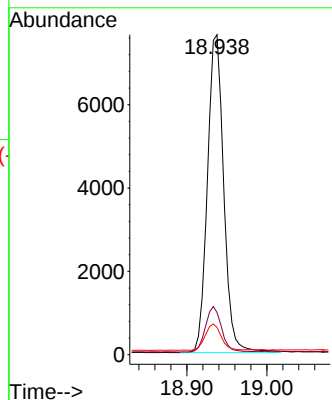
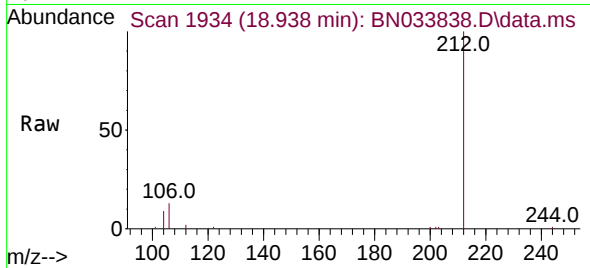




#27
Fluoranthene-d10
Concen: 0.398 ng
RT: 18.938 min Scan# 1934
Delta R.T. -0.009 min
Lab File: BN033838.D
Acq: 10 Sep 2024 11:53

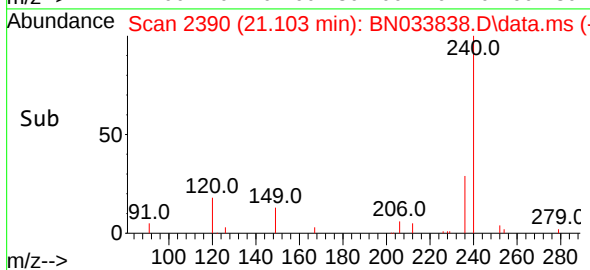
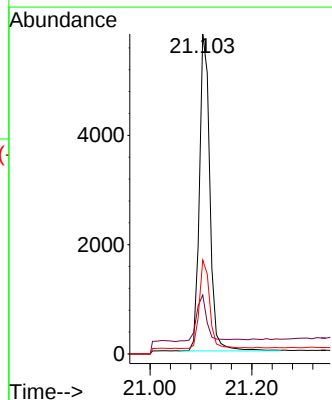
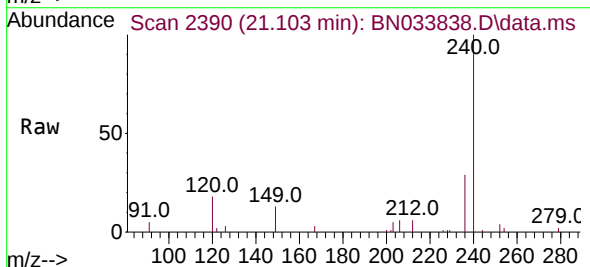
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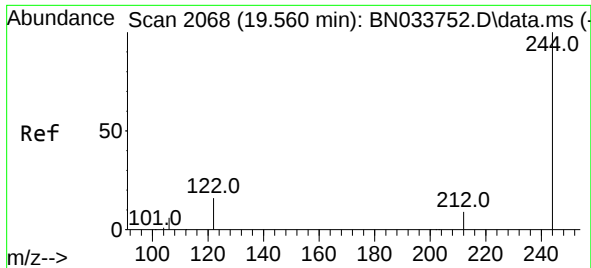
Tgt Ion:212 Resp: 10813
Ion Ratio Lower Upper
212 100
106 14.0 11.5 17.3
104 8.1 6.6 9.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.103 min Scan# 2390
Delta R.T. -0.009 min
Lab File: BN033838.D
Acq: 10 Sep 2024 11:53

Tgt Ion:240 Resp: 8239
Ion Ratio Lower Upper
240 100
120 18.4 13.7 20.5
236 29.3 23.4 35.2

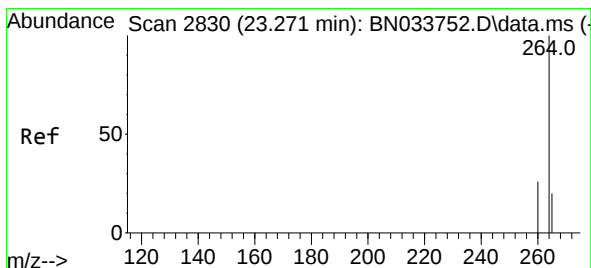
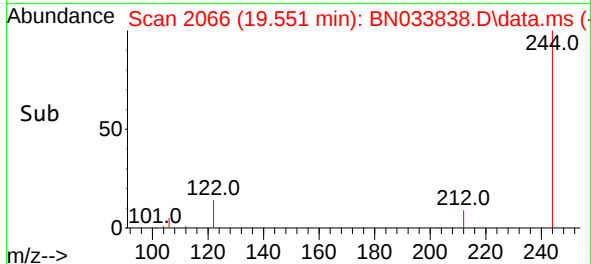
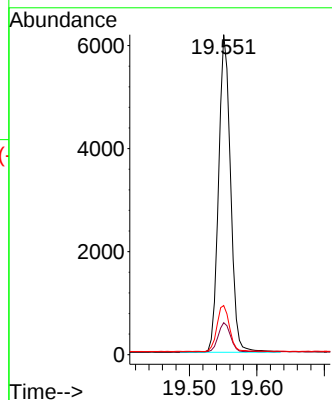
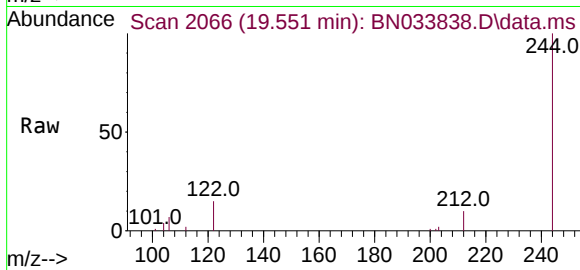




#31
Terphenyl-d14
Concen: 0.432 ng
RT: 19.551 min Scan# 2066
Delta R.T. -0.009 min
Lab File: BN033838.D
Acq: 10 Sep 2024 11:53

Instrument :
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Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.0	7.9	11.9
122	15.3	13.2	19.8



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.259 min Scan# 2826
Delta R.T. -0.012 min
Lab File: BN033838.D
Acq: 10 Sep 2024 11:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.3	21.1	31.7
265	88.3	72.0	108.0

