

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091924\
 Data File : BN034041.D
 Acq On : 18 Sep 2024 18:37
 Operator : JU/RC
 Sample : PB163341BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB163341BL

Quant Time: Sep 19 02:17:29 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	7.437	152	7257	0.400	ng	0.00
7) Naphthalene-d8	10.201	136	18819	0.400	ng	0.00
13) Acenaphthene-d10	14.083	164	9563	0.400	ng	0.00
19) Phenanthrene-d10	16.845	188	20045	0.400	ng	# 0.00
29) Chrysene-d12	21.061	240	12322	0.400	ng	# 0.00
35) Perylene-d12	23.191	264	9995	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.083	112	6779	0.329	ng	0.00
5) Phenol-d6	6.643	99	5900	0.246	ng	0.00
8) Nitrobenzene-d5	8.589	82	4159	0.289	ng	0.01
11) 2-Methylnaphthalene-d10	11.802	152	8794	0.316	ng	0.00
14) 2,4,6-Tribromophenol	15.604	330	552	0.127	ng	0.02
15) 2-Fluorobiphenyl	12.704	172	13745	0.353	ng	0.00
27) Fluoranthene-d10	18.885	212	18547	0.367	ng	0.00
31) Terphenyl-d14	19.507	244	10898	0.443	ng	0.00

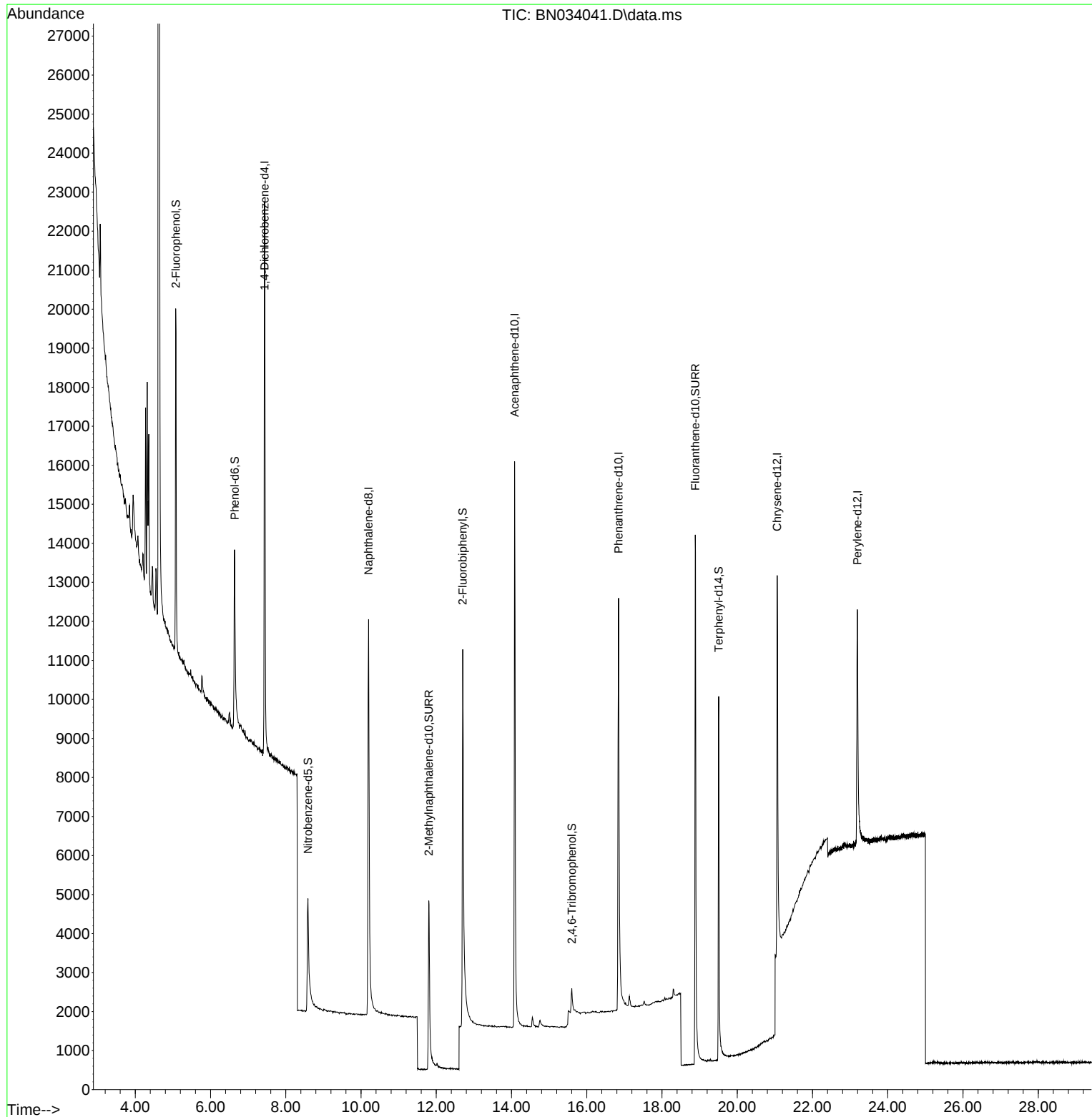
Target Compounds	Qvalue
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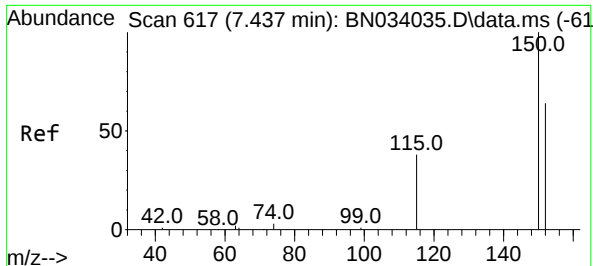
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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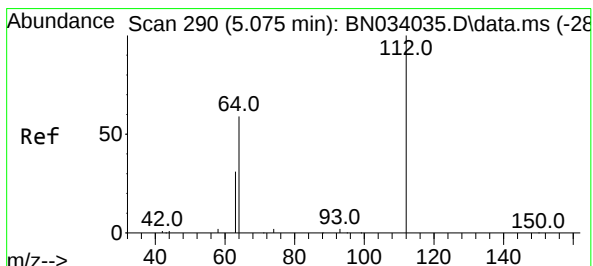
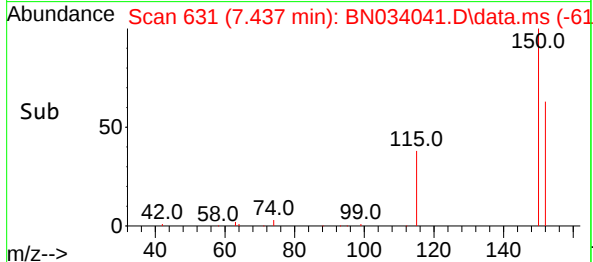
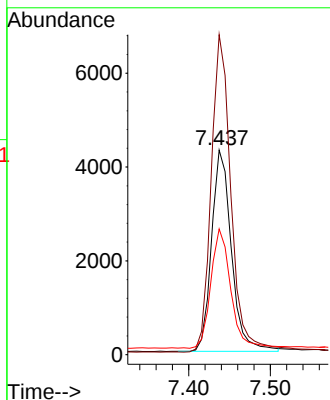
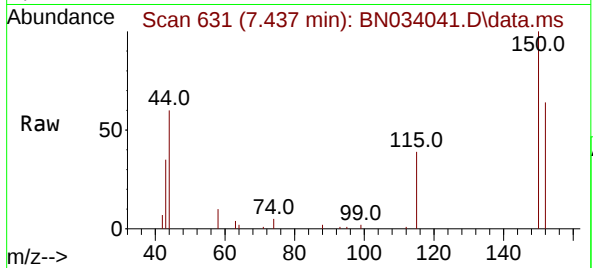




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.437 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN034041.D
Acq: 18 Sep 2024 18:37

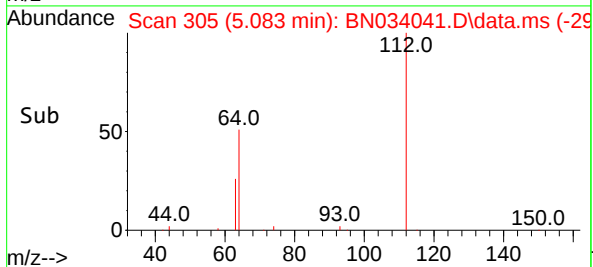
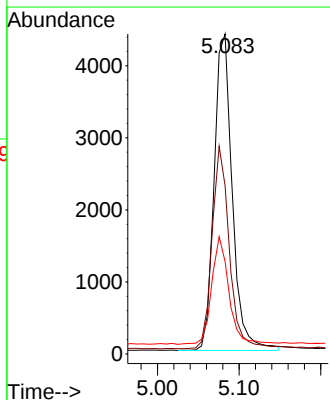
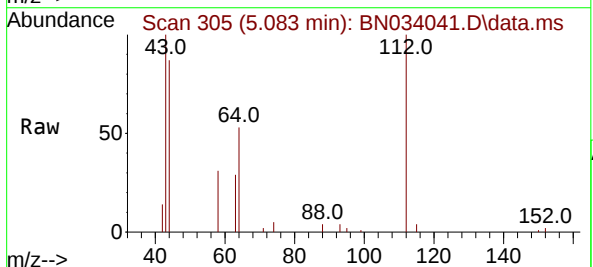
Instrument :
BNA_N
ClientSampleId :
PB163341BL

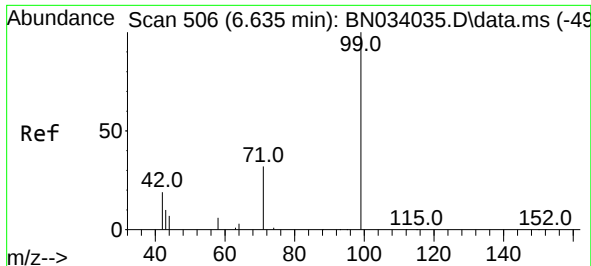
Tgt Ion:152 Resp: 7257
Ion Ratio Lower Upper
152 100
150 156.4 124.6 187.0
115 61.5 50.0 75.0



#4
2-Fluorophenol
Concen: 0.329 ng
RT: 5.083 min Scan# 305
Delta R.T. 0.008 min
Lab File: BN034041.D
Acq: 18 Sep 2024 18:37

Tgt Ion:112 Resp: 6779
Ion Ratio Lower Upper
112 100
64 60.6 48.6 72.8
63 32.6 25.6 38.4

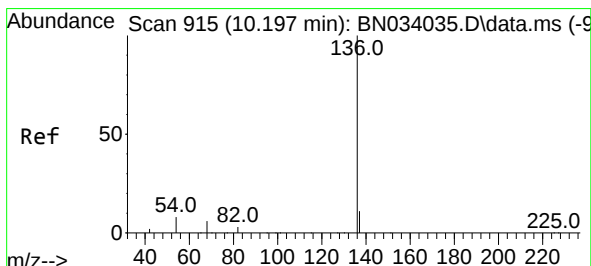
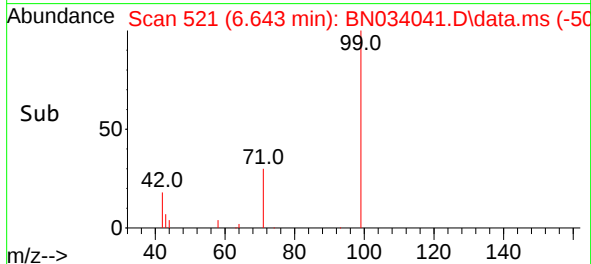
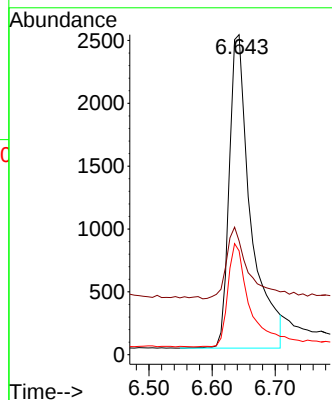
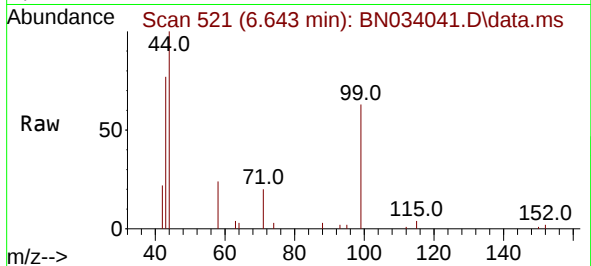




#5
Phenol-d6
Concen: 0.246 ng
RT: 6.643 min Scan# 51
Delta R.T. 0.008 min
Lab File: BN034041.D
Acq: 18 Sep 2024 18:37

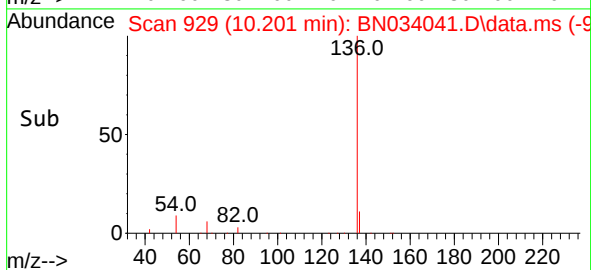
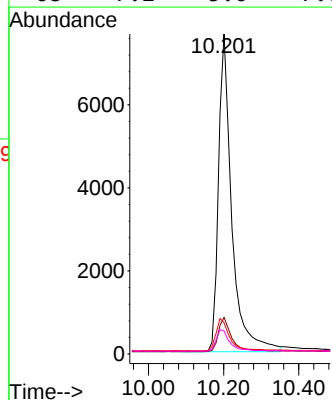
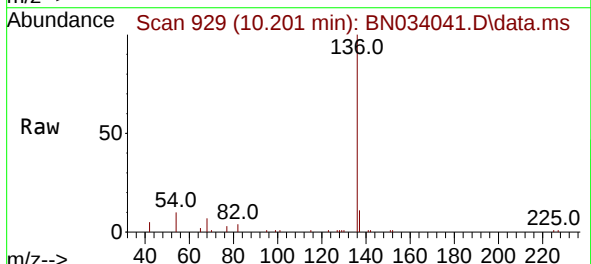
Instrument :
BNA_N
ClientSampleId :
PB163341BL

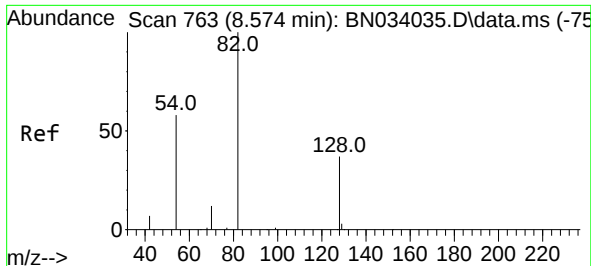
Tgt Ion: 99 Resp: 5900
Ion Ratio Lower Upper
99 100
42 22.7 17.8 26.8
71 32.8 26.2 39.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.201 min Scan# 929
Delta R.T. 0.004 min
Lab File: BN034041.D
Acq: 18 Sep 2024 18:37

Tgt Ion: 136 Resp: 18819
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 9.7 6.8 10.2
68 7.2 5.0 7.6

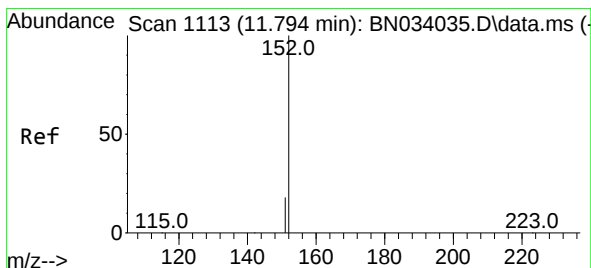
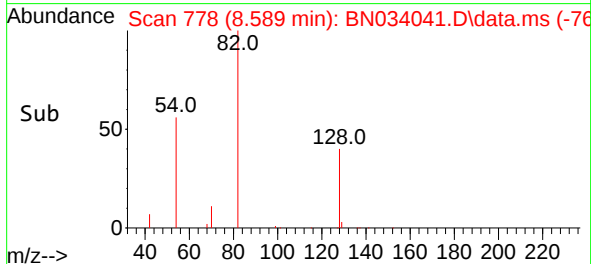
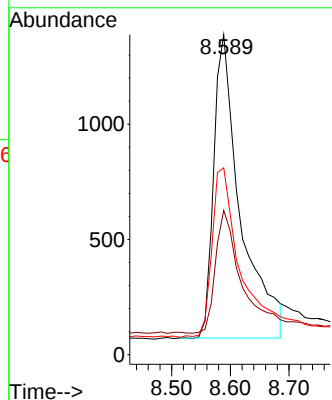
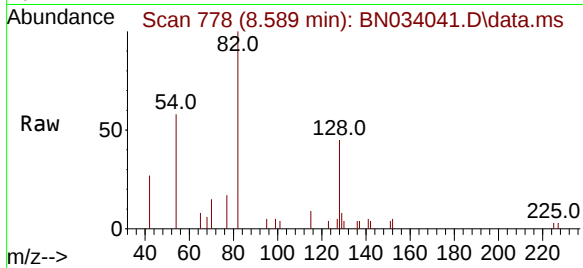




#8
 Nitrobenzene-d5
 Concen: 0.289 ng
 RT: 8.589 min Scan# 71
 Delta R.T. 0.015 min
 Lab File: BN034041.D
 Acq: 18 Sep 2024 18:37

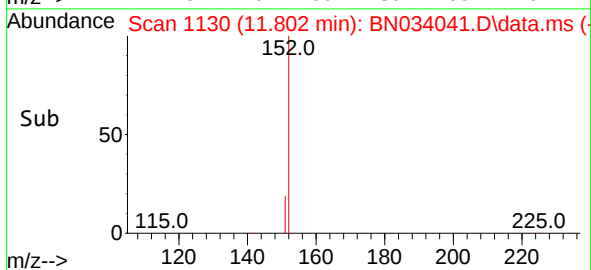
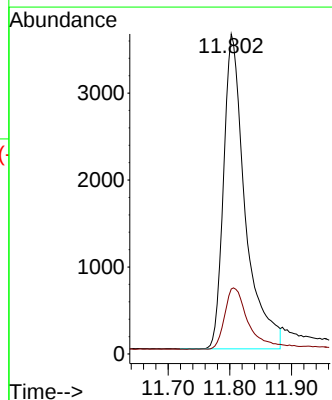
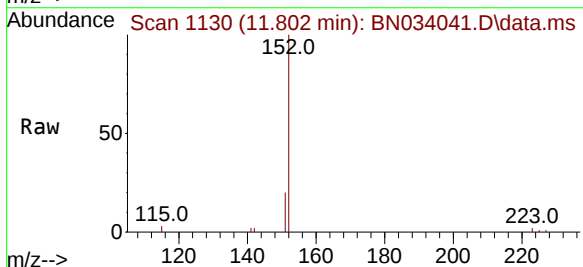
Instrument :
 BNA_N
 ClientSampleId :
 PB163341BL

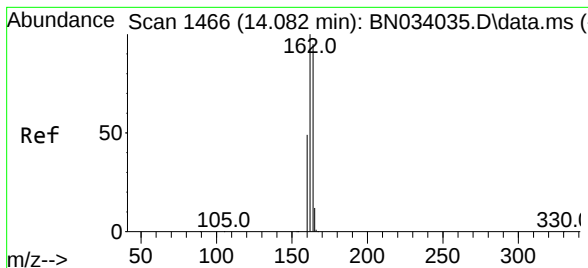
Tgt Ion: 82 Resp: 4159
 Ion Ratio Lower Upper
 82 100
 128 45.1 31.4 47.2
 54 58.4 47.4 71.0



#11
 2-Methylnaphthalene-d10
 Concen: 0.316 ng
 RT: 11.802 min Scan# 1130
 Delta R.T. 0.009 min
 Lab File: BN034041.D
 Acq: 18 Sep 2024 18:37

Tgt Ion: 152 Resp: 8794
 Ion Ratio Lower Upper
 152 100
 151 20.9 16.8 25.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.083 min Scan# 1466

Delta R.T. 0.001 min

Lab File: BN034041.D

Acq: 18 Sep 2024 18:37

Instrument :

BNA_N

ClientSampleId :

PB163341BL

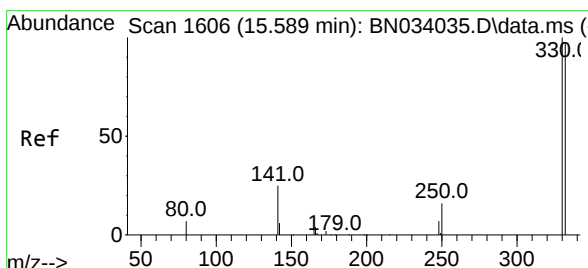
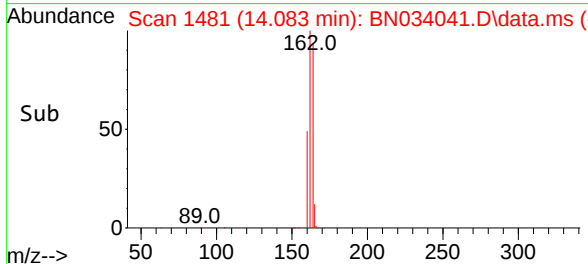
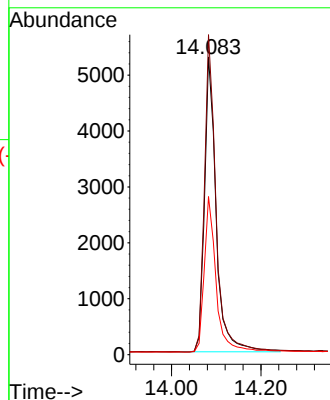
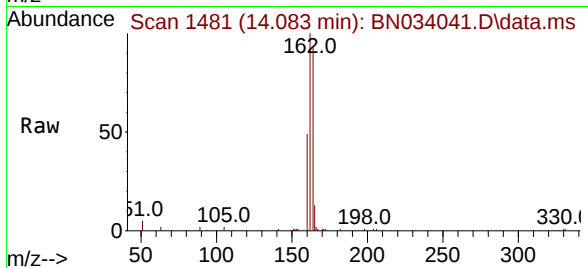
Tgt Ion:164 Resp: 9563

Ion Ratio Lower Upper

164 100

162 107.5 84.2 126.2

160 53.1 41.7 62.5



#14

2,4,6-Tribromophenol

Concen: 0.127 ng

RT: 15.604 min Scan# 1622

Delta R.T. 0.015 min

Lab File: BN034041.D

Acq: 18 Sep 2024 18:37

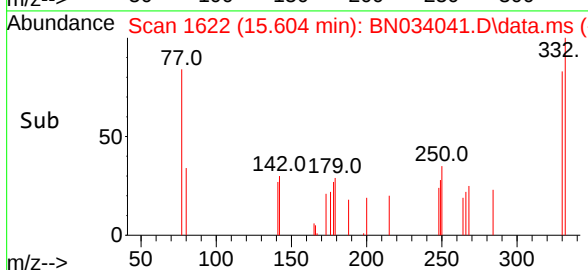
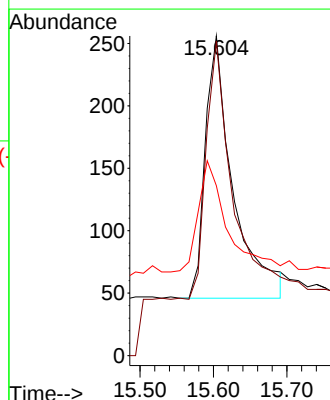
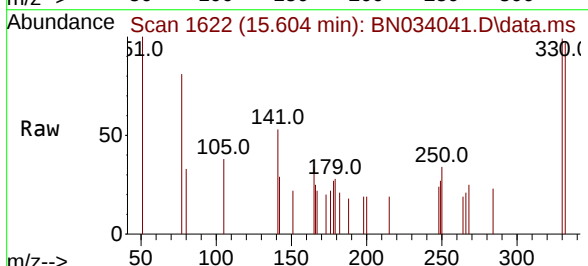
Tgt Ion:330 Resp: 552

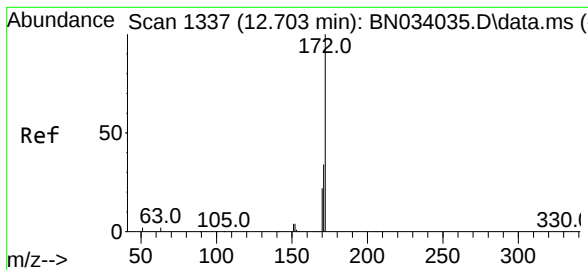
Ion Ratio Lower Upper

330 100

332 95.5 77.4 116.0

141 44.4 35.9 53.9

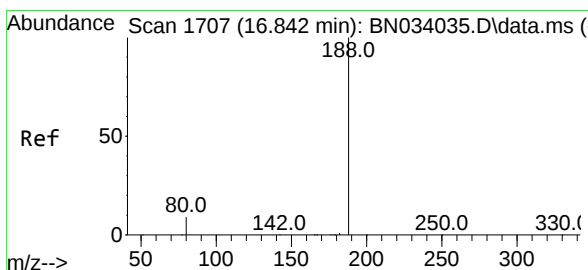
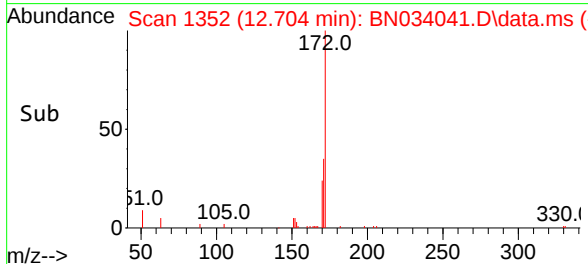
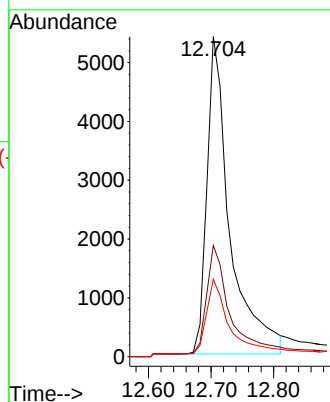
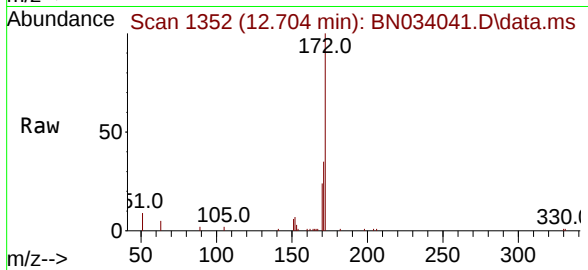




#15
 2-Fluorobiphenyl
 Concen: 0.353 ng
 RT: 12.704 min Scan# 11
 Delta R.T. 0.001 min
 Lab File: BN034041.D
 Acq: 18 Sep 2024 18:37

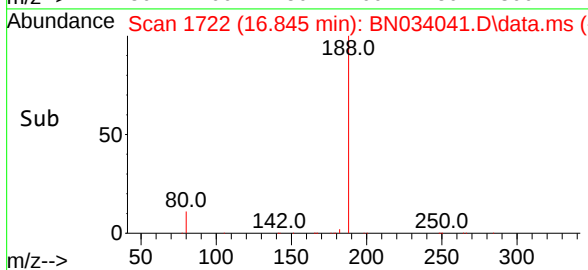
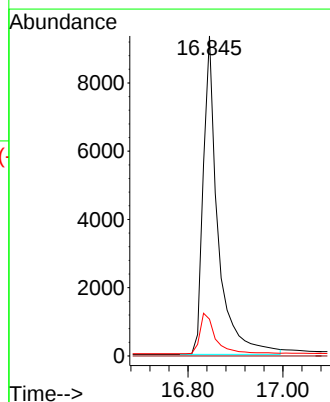
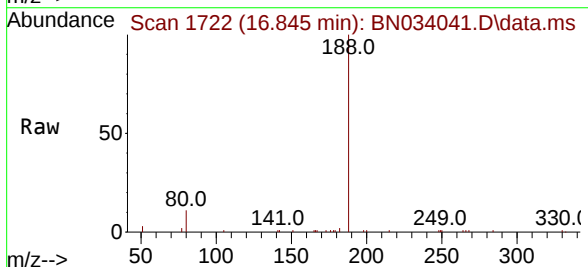
Instrument :
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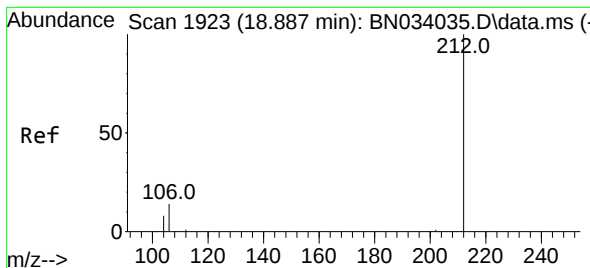
Tgt Ion:	172	Resp:	13745
Ion Ratio	Lower	Upper	
172	100		
171	34.8	27.3	40.9
170	24.2	18.1	27.1



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.845 min Scan# 1722
 Delta R.T. 0.003 min
 Lab File: BN034041.D
 Acq: 18 Sep 2024 18:37

Tgt Ion:	188	Resp:	20045
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	11.5	7.4	11.0





#27

Fluoranthene-d10

Concen: 0.367 ng

RT: 18.885 min Scan# 1923

Delta R.T. -0.002 min

Lab File: BN034041.D

Acq: 18 Sep 2024 18:37

Instrument :

BNA_N

ClientSampleId :

PB163341BL

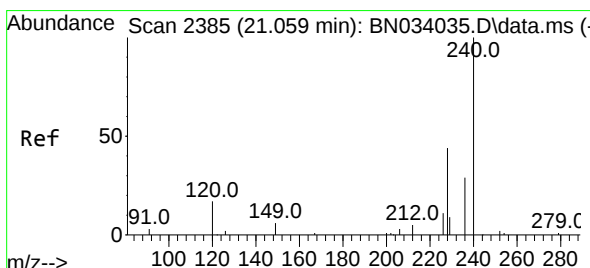
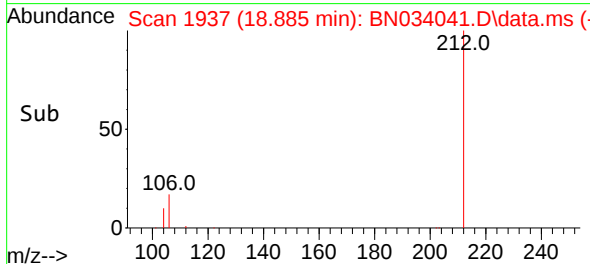
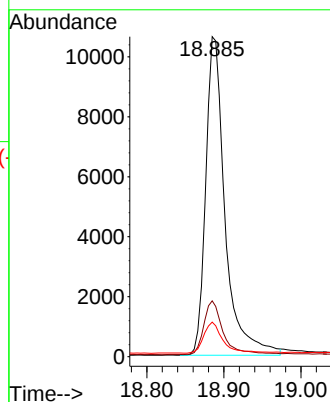
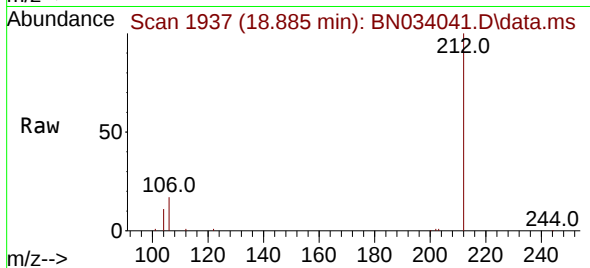
Tgt Ion:212 Resp: 18547

Ion Ratio Lower Upper

212 100

106 16.7 13.4 20.2

104 9.5 7.8 11.6



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.061 min Scan# 2400

Delta R.T. 0.003 min

Lab File: BN034041.D

Acq: 18 Sep 2024 18:37

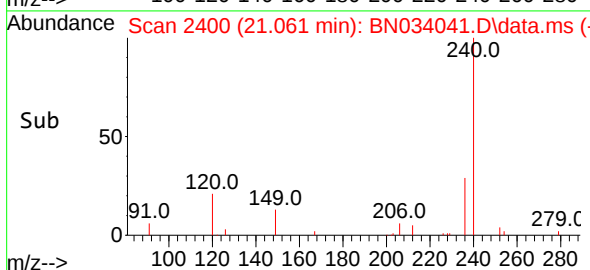
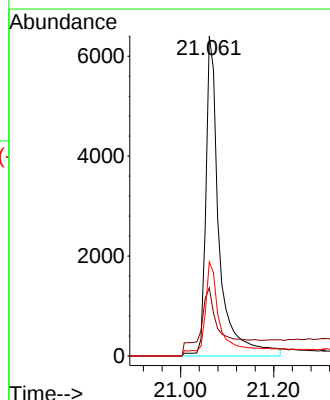
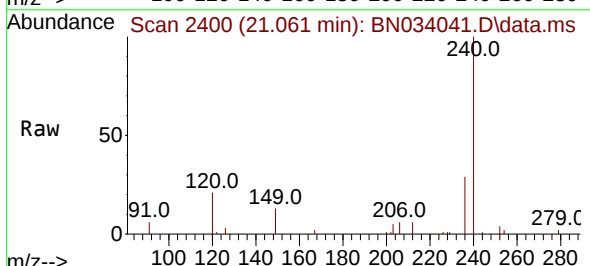
Tgt Ion:240 Resp: 12322

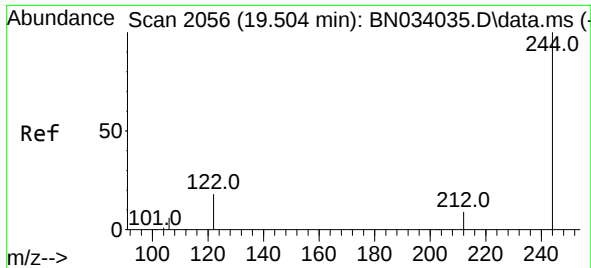
Ion Ratio Lower Upper

240 100

120 21.3 13.5 20.3#

236 29.4 23.4 35.0

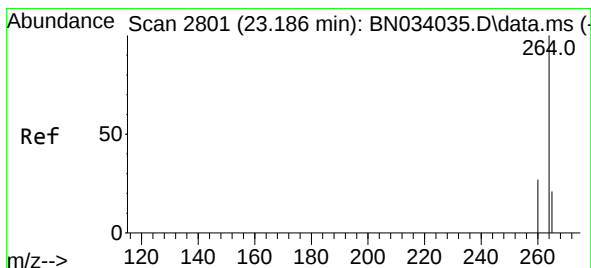
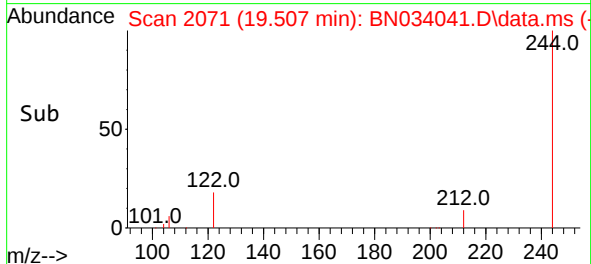
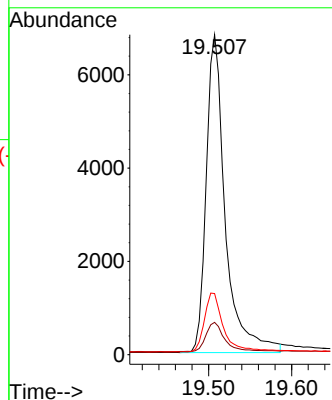
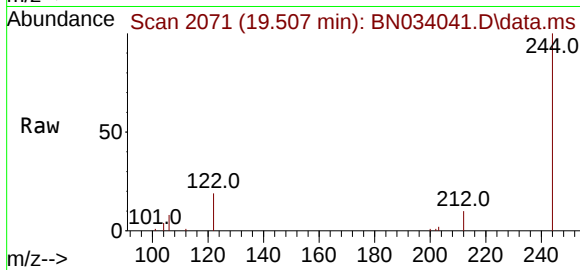




#31
Terphenyl-d14
Concen: 0.443 ng
RT: 19.507 min Scan# 2056
Delta R.T. 0.003 min
Lab File: BN034041.D
Acq: 18 Sep 2024 18:37

Instrument :
BNA_N
ClientSampleId :
PB163341BL

Tgt Ion:244 Resp: 10898
Ion Ratio Lower Upper
244 100
212 10.1 7.8 11.6
122 19.1 14.8 22.2



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.191 min Scan# 2819
Delta R.T. 0.005 min
Lab File: BN034041.D
Acq: 18 Sep 2024 18:37

Tgt Ion:264 Resp: 9995
Ion Ratio Lower Upper
264 100
260 27.4 21.7 32.5
265 116.5 52.1 78.1#

