

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092024\
 Data File : BN034067.D
 Acq On : 20 Sep 2024 02:57
 Operator : JU/RC
 Sample : P3957-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW305D-20240910

Quant Time: Sep 20 03:50:17 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)

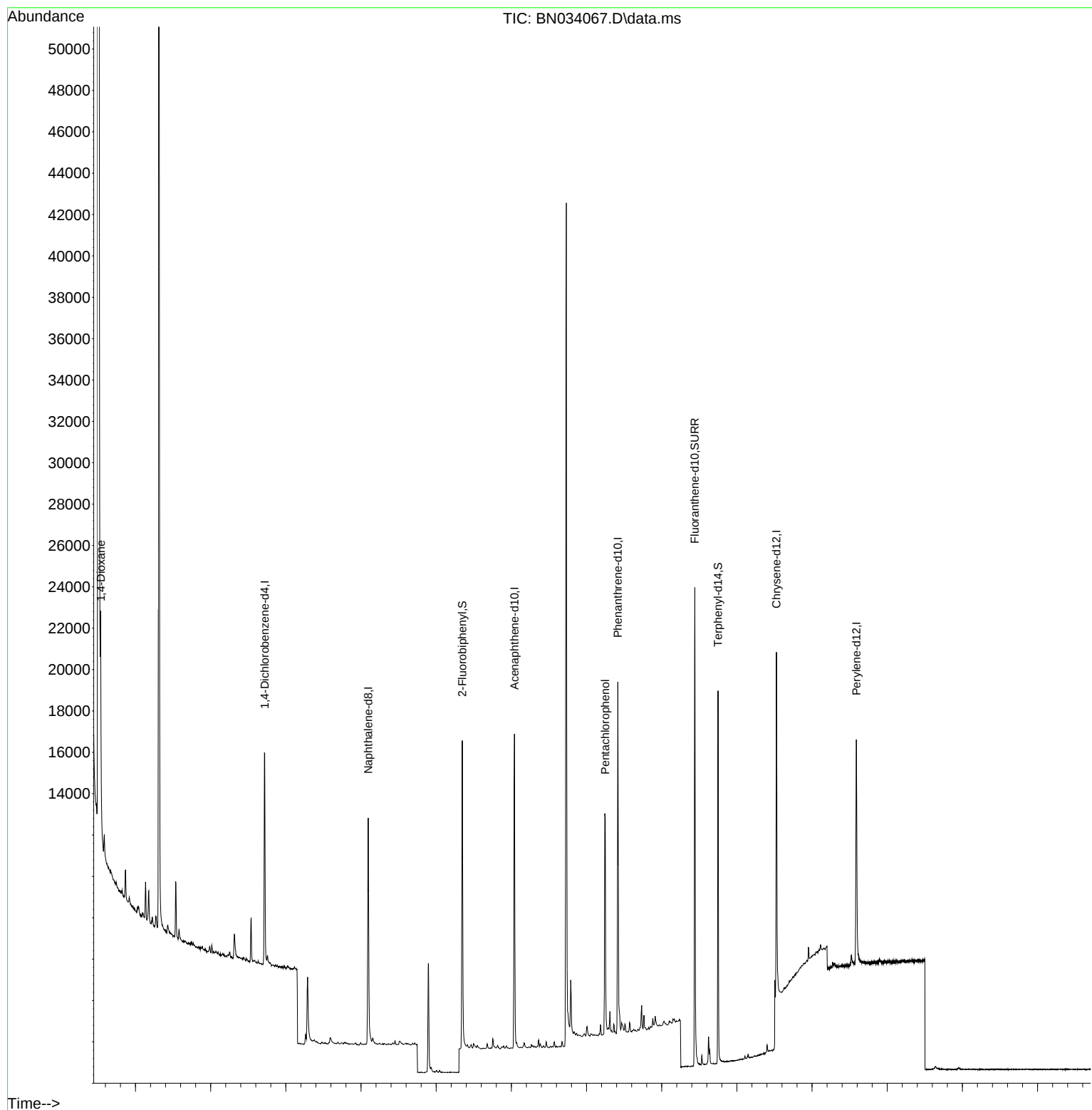
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.438	152	5360	0.400	ng	0.00
7) Naphthalene-d8	10.191	136	15498	0.400	ng	0.00
13) Acenaphthene-d10	14.083	164	9061	0.400	ng	0.00
19) Phenanthrene-d10	16.833	188	21444	0.400	ng	# 0.00
29) Chrysene-d12	21.053	240	16206	0.400	ng	0.00
35) Perylene-d12	23.177	264	14678	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.076	112	2134	0.140	ng	0.00
5) Phenol-d6	6.636	99	1294	0.073	ng	0.00
8) Nitrobenzene-d5	8.578	82	3634	0.307	ng	0.00
11) 2-Methylnaphthalene-d10	11.791	152	8153	0.356	ng	0.00
14) 2,4,6-Tribromophenol	15.579	330	1429	0.348	ng	0.00
15) 2-Fluorobiphenyl	12.693	172	13665	0.371	ng	0.00
27) Fluoranthene-d10	18.880	212	24802	0.458	ng	0.00
31) Terphenyl-d14	19.498	244	16700	0.516	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.075	88	4214	0.629	ng	# 74
24) Pentachlorophenol	16.498	266	5873	1.314	ng	100

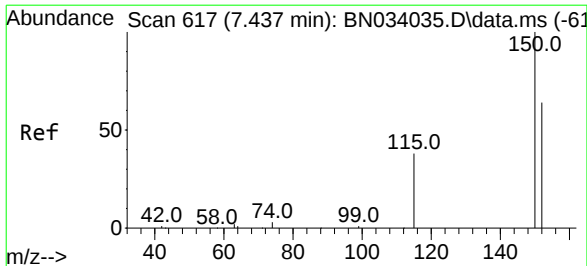
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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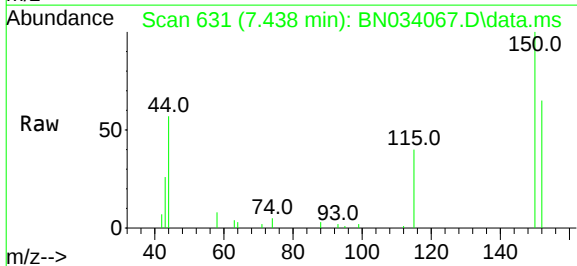
Quant Time: Sep 20 03:50:17 2024
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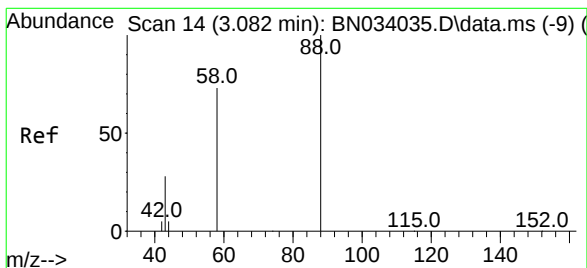
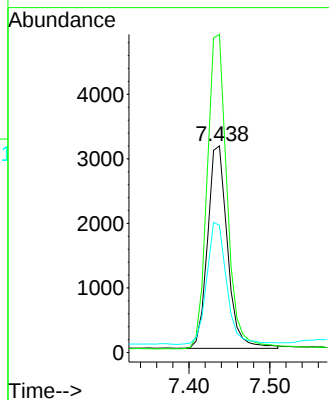
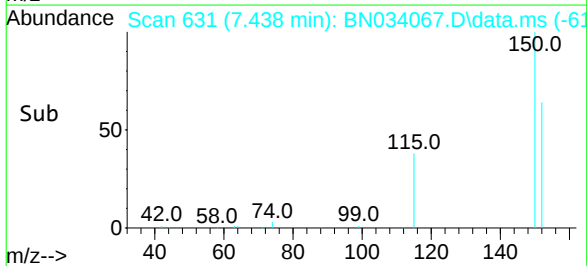


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.438 min Scan# 63
Delta R.T. 0.001 min
Lab File: BN034067.D
Acq: 20 Sep 2024 02:57

Instrument :
BNA_N
ClientSampleId :
MW305D-20240910

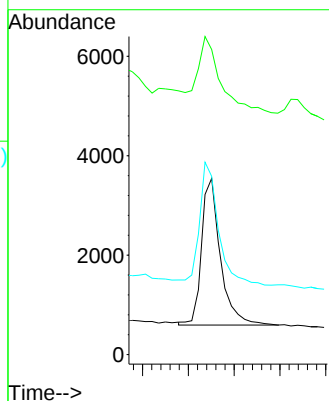
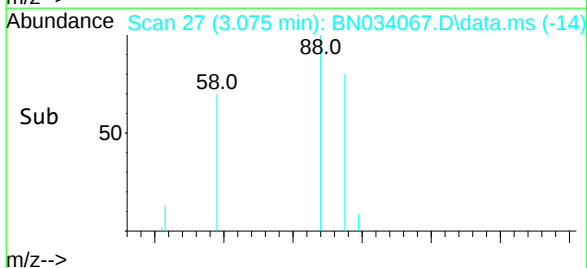
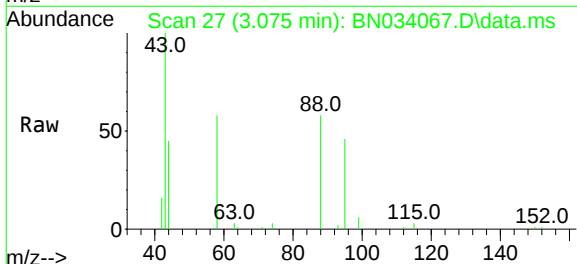


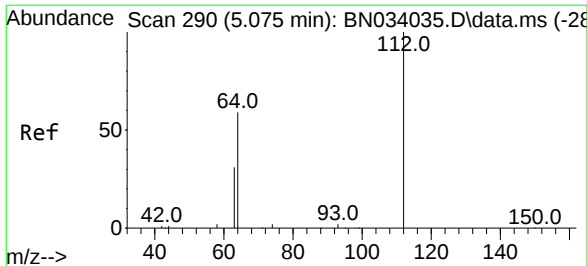
Tgt Ion: 152 Resp: 5360
Ion Ratio Lower Upper
152 100
150 154.0 124.6 187.0
115 61.5 50.0 75.0



#2
1,4-Dioxane
Concen: 0.629 ng
RT: 3.075 min Scan# 27
Delta R.T. -0.006 min
Lab File: BN034067.D
Acq: 20 Sep 2024 02:57

Tgt Ion: 88 Resp: 4214
Ion Ratio Lower Upper
88 100
43 65.0 25.8 38.8
58 83.7 58.8 88.2

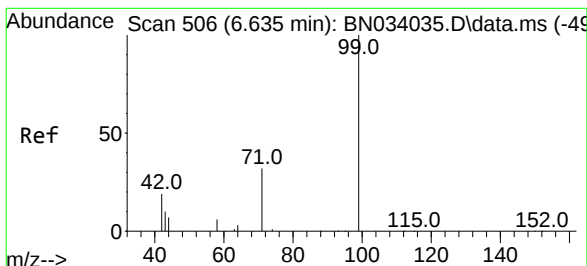
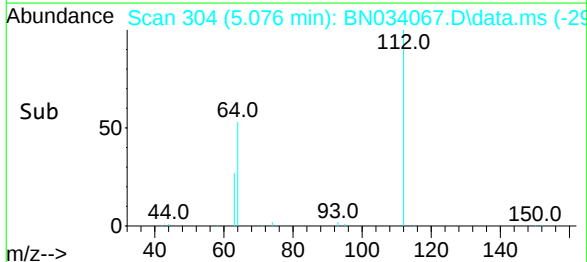
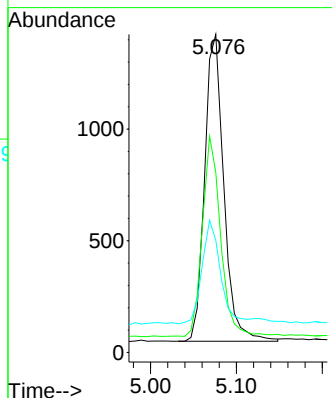
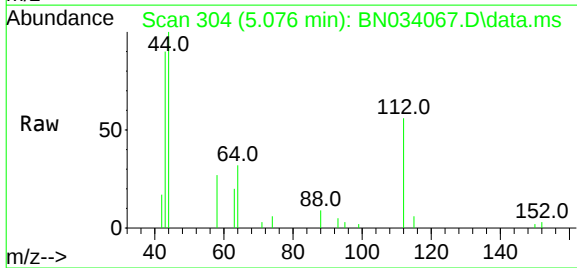




#4
2-Fluorophenol
Concen: 0.140 ng
RT: 5.076 min Scan# 30
Delta R.T. 0.001 min
Lab File: BN034067.D
Acq: 20 Sep 2024 02:57

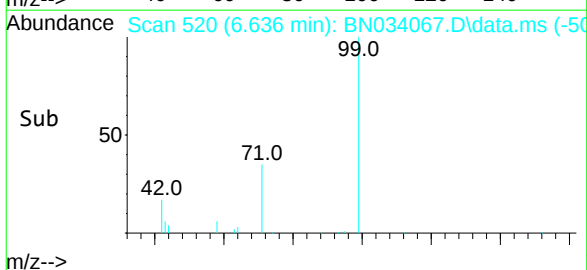
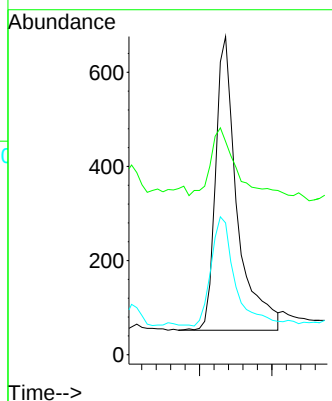
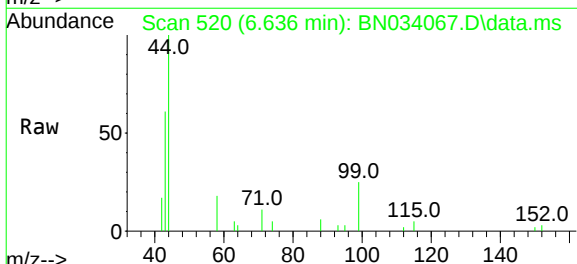
Instrument :
BNA_N
ClientSampleId :
MW305D-20240910

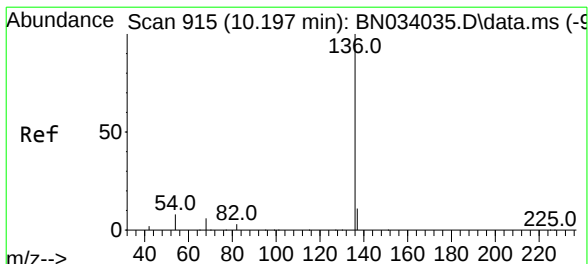
Tgt Ion:	112	Resp:	2134
Ion	Ratio	Lower	Upper
112	100		
64	61.8	48.6	72.8
63	32.3	25.6	38.4



#5
Phenol-d6
Concen: 0.073 ng
RT: 6.636 min Scan# 520
Delta R.T. 0.001 min
Lab File: BN034067.D
Acq: 20 Sep 2024 02:57

Tgt Ion:	99	Resp:	1294
Ion	Ratio	Lower	Upper
99	100		
42	26.0	17.8	26.8
71	40.0	26.2	39.2

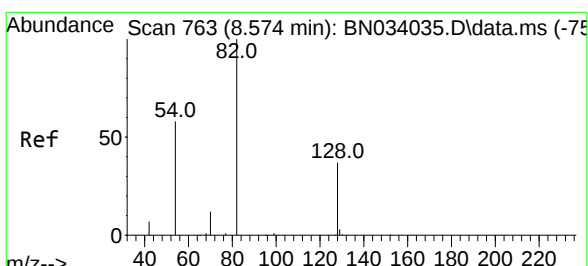
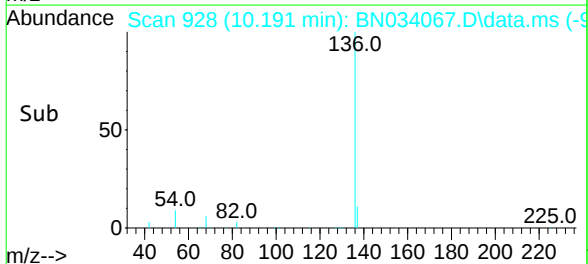
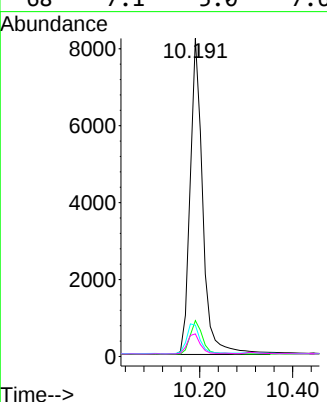
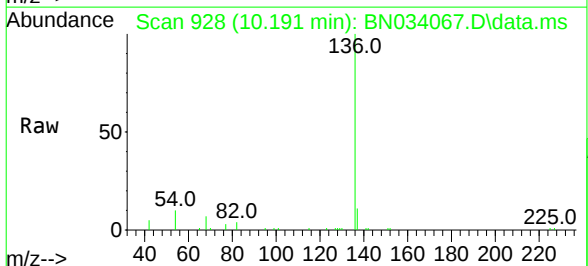




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.191 min Scan# 92
Delta R.T. -0.006 min
Lab File: BN034067.D
Acq: 20 Sep 2024 02:57

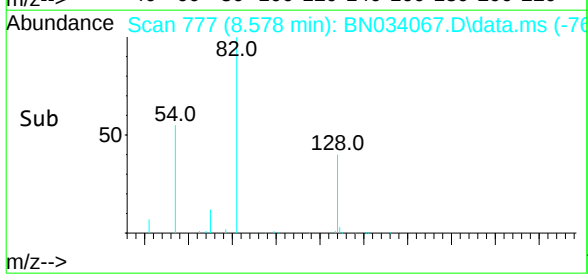
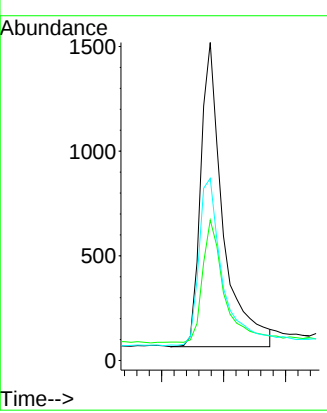
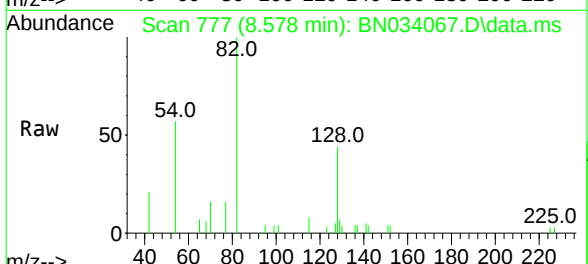
Instrument :
BNA_N
ClientSampleId :
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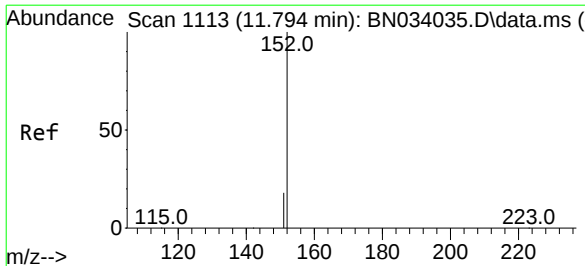
Tgt Ion:	136	Resp:	15498
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	9.8	6.8	10.2
68	7.1	5.0	7.6



#8
Nitrobenzene-d5
Concen: 0.307 ng
RT: 8.578 min Scan# 777
Delta R.T. 0.004 min
Lab File: BN034067.D
Acq: 20 Sep 2024 02:57

Tgt Ion:	82	Resp:	3634
Ion	Ratio	Lower	Upper
82	100		
128	44.2	31.4	47.2
54	57.3	47.4	71.0

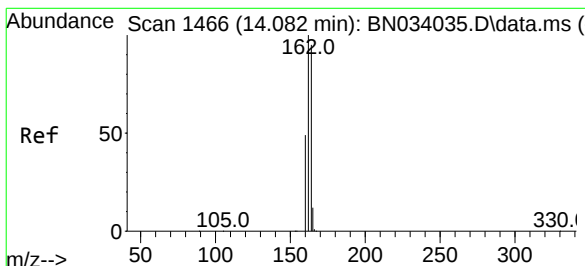
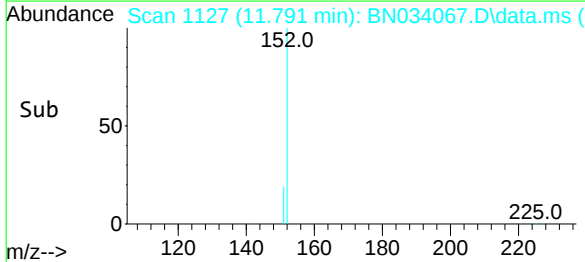
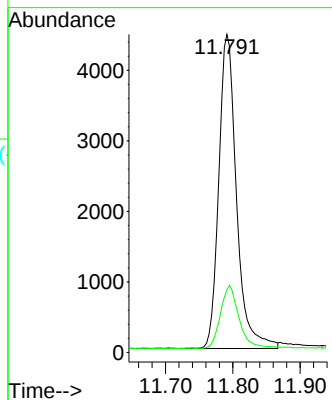
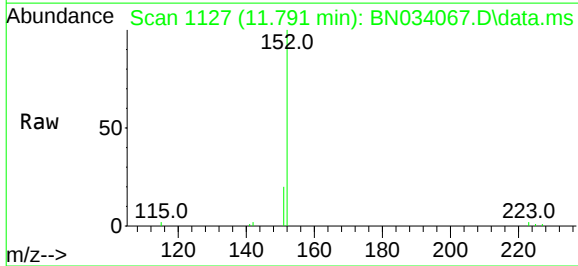




#11
2-Methylnaphthalene-d10
Concen: 0.356 ng
RT: 11.791 min Scan# 1113
Delta R.T. -0.002 min
Lab File: BN034067.D
Acq: 20 Sep 2024 02:57

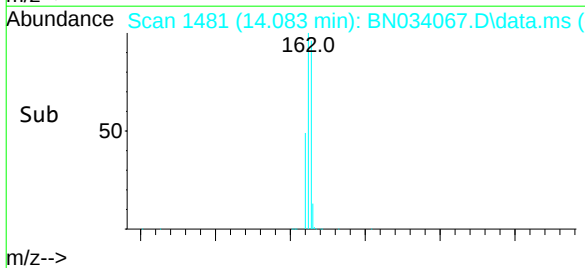
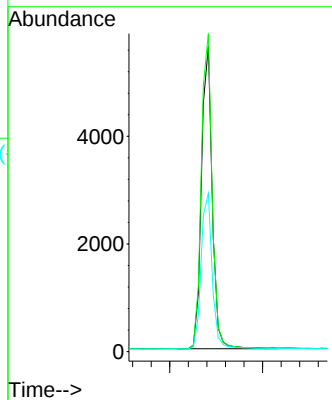
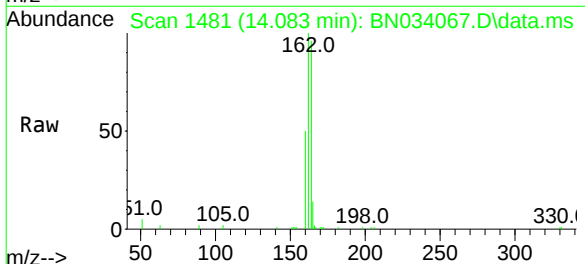
Instrument :
BNA_N
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MW305D-20240910

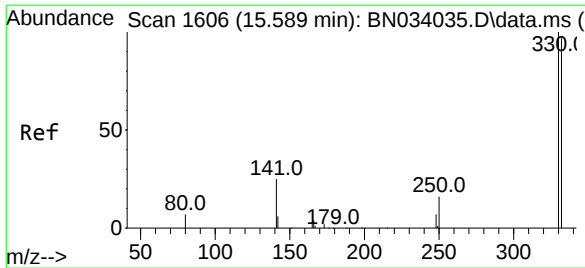
Tgt Ion:152 Resp: 8153
Ion Ratio Lower Upper
152 100
151 21.1 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.083 min Scan# 1481
Delta R.T. 0.001 min
Lab File: BN034067.D
Acq: 20 Sep 2024 02:57

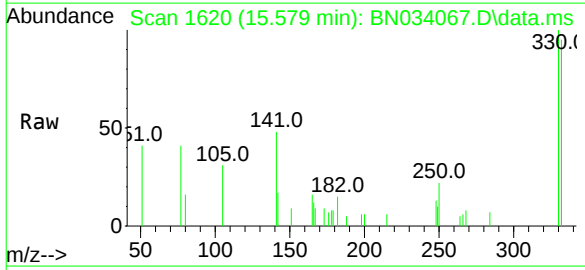
Tgt Ion:164 Resp: 9061
Ion Ratio Lower Upper
164 100
162 104.3 84.2 126.2
160 51.8 41.7 62.5



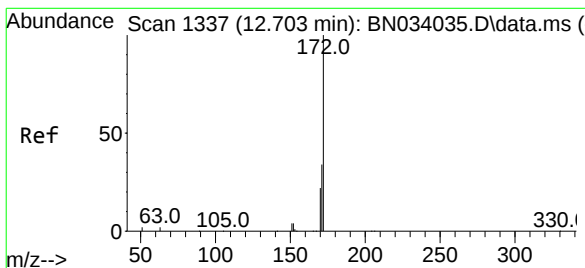
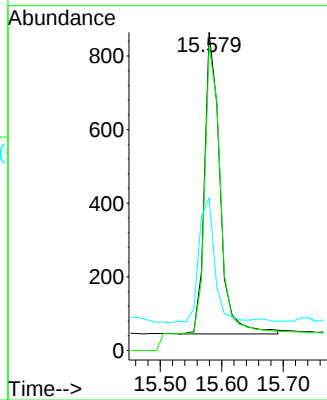
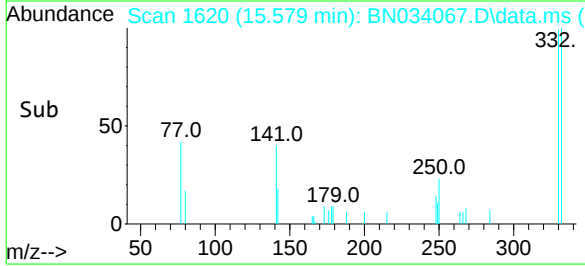


#14
2,4,6-Tribromophenol
Concen: 0.348 ng
RT: 15.579 min Scan# 1606
Delta R.T. -0.009 min
Lab File: BN034067.D
Acq: 20 Sep 2024 02:57

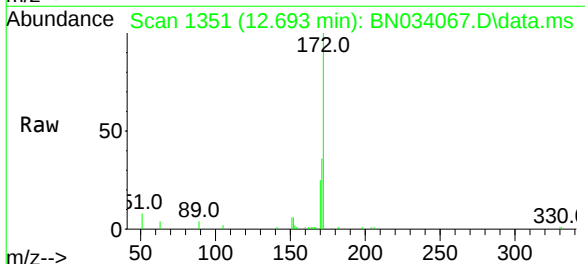
Instrument :
BNA_N
ClientSampleId :
MW305D-20240910



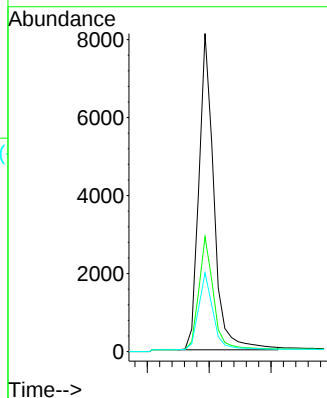
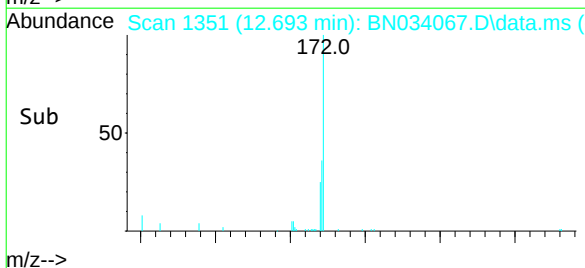
Tgt Ion: 330 Resp: 1429
Ion Ratio Lower Upper
330 100
332 96.6 77.4 116.0
141 43.2 35.9 53.9

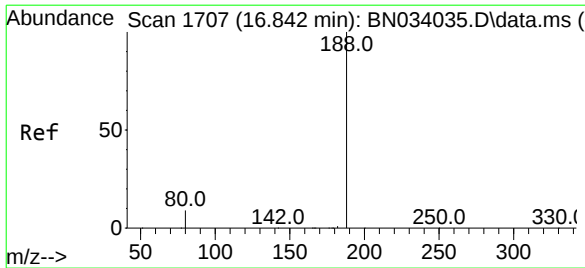


#15
2-Fluorobiphenyl
Concen: 0.371 ng
RT: 12.693 min Scan# 1351
Delta R.T. -0.009 min
Lab File: BN034067.D
Acq: 20 Sep 2024 02:57



Tgt Ion: 172 Resp: 13665
Ion Ratio Lower Upper
172 100
171 36.1 27.3 40.9
170 24.8 18.1 27.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.833 min Scan# 17

Delta R.T. -0.009 min

Lab File: BN034067.D

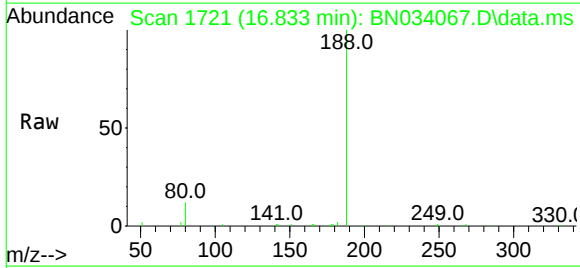
Acq: 20 Sep 2024 02:57

Instrument :

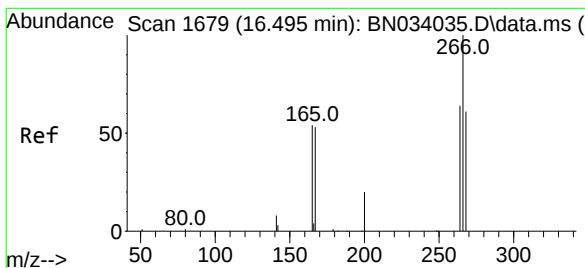
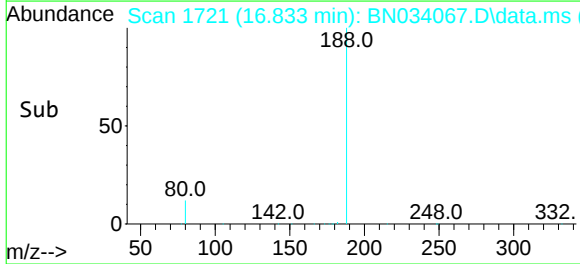
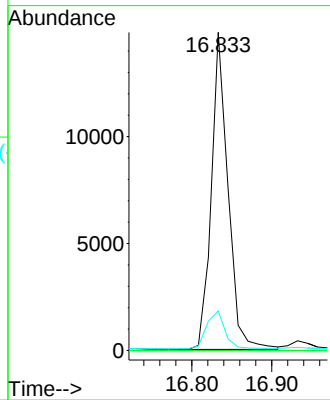
BNA_N

ClientSampleId :

MW305D-20240910



Tgt Ion:	188	Resp:	21444
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	12.4	7.4	11.0



#24

Pentachlorophenol

Concen: 1.314 ng

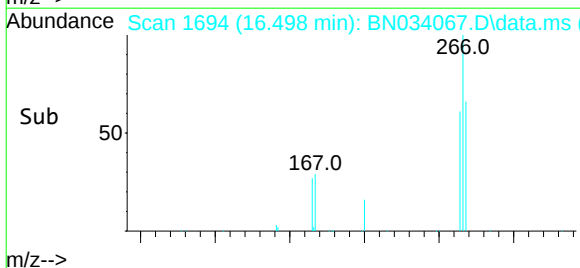
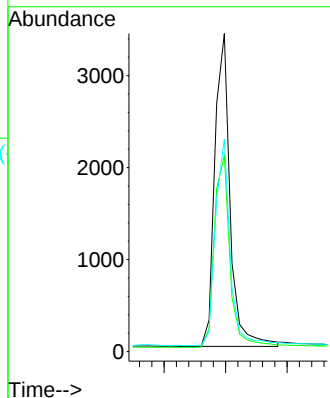
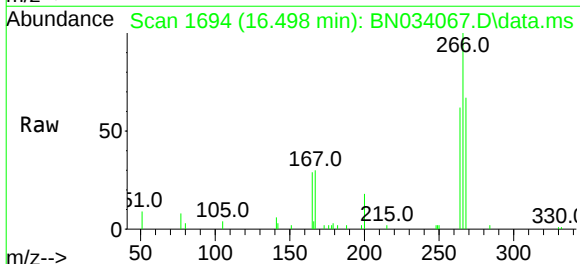
RT: 16.498 min Scan# 1694

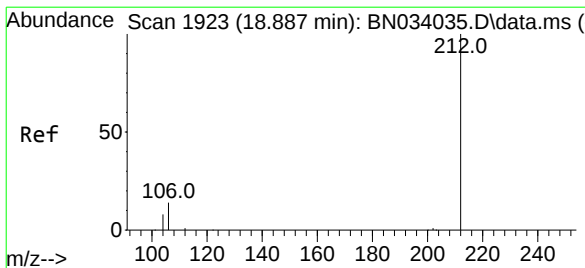
Delta R.T. 0.003 min

Lab File: BN034067.D

Acq: 20 Sep 2024 02:57

Tgt Ion:	266	Resp:	5873
Ion Ratio	Lower	Upper	
266	100		
264	62.8	50.2	75.2
268	63.9	51.0	76.4





#27

Fluoranthene-d10

Concen: 0.458 ng

RT: 18.880 min Scan# 19

Delta R.T. -0.006 min

Lab File: BN034067.D

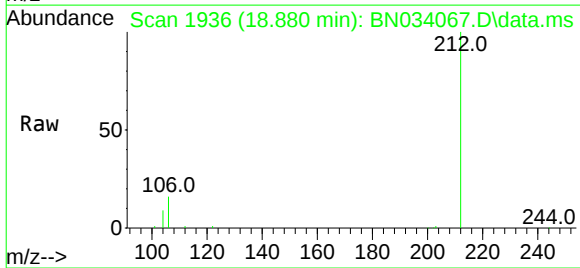
Acq: 20 Sep 2024 02:57

Instrument :

BNA_N

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MW305D-20240910



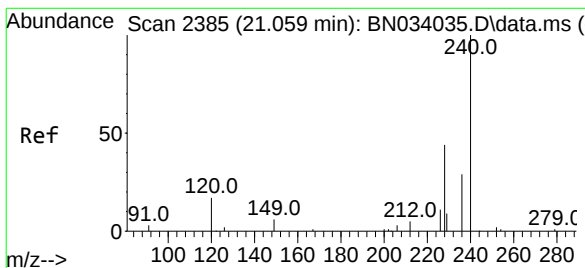
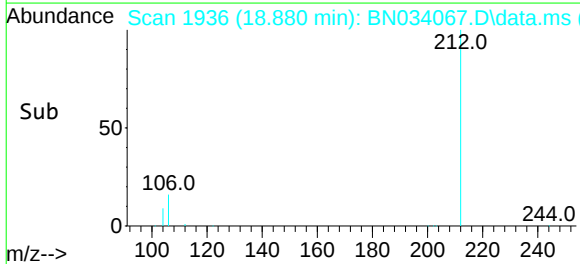
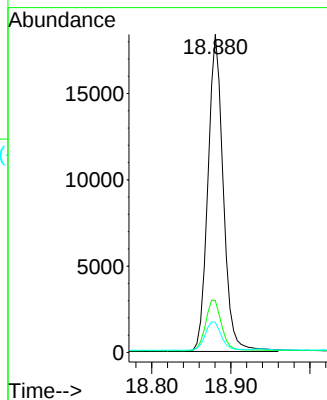
Tgt Ion:212 Resp: 24802

Ion Ratio Lower Upper

212 100

106 16.9 13.4 20.2

104 9.5 7.8 11.6



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.053 min Scan# 2399

Delta R.T. -0.006 min

Lab File: BN034067.D

Acq: 20 Sep 2024 02:57

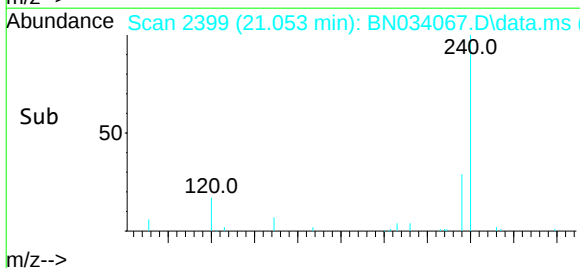
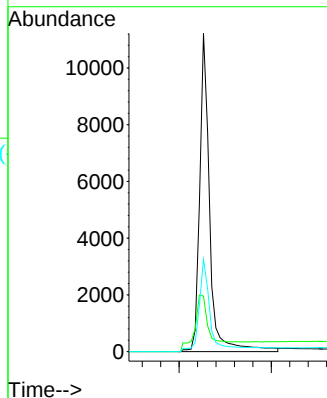
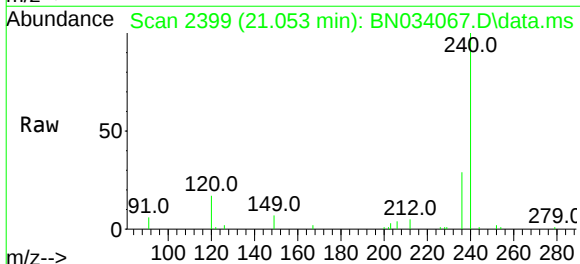
Tgt Ion:240 Resp: 16206

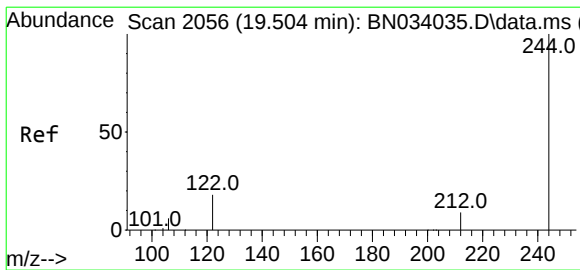
Ion Ratio Lower Upper

240 100

120 17.5 13.5 20.3

236 29.0 23.4 35.0





#31

Terphenyl-d14

Concen: 0.516 ng

RT: 19.498 min Scan# 2069

Delta R.T. -0.006 min

Lab File: BN034067.D

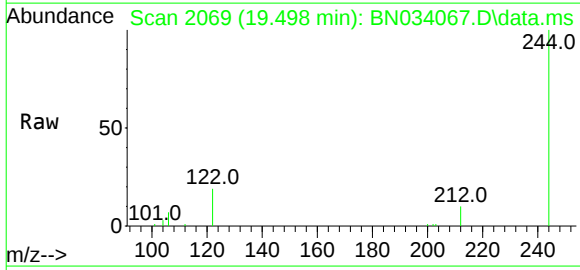
Acq: 20 Sep 2024 02:57

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MW305D-20240910



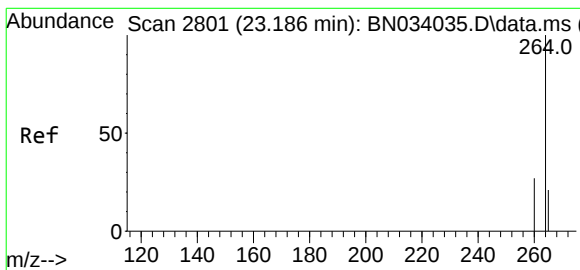
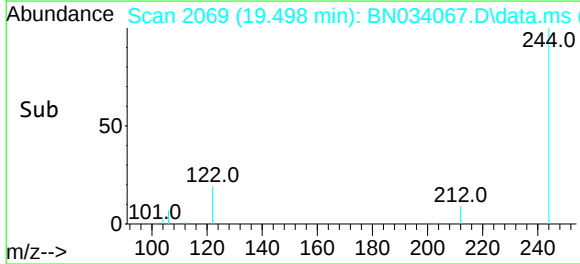
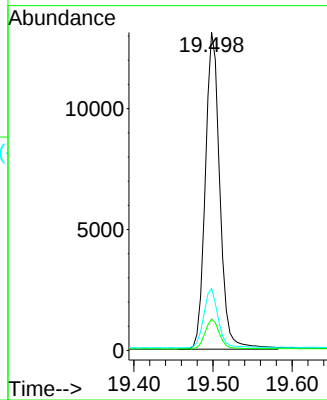
Tgt Ion:244 Resp: 16700

Ion Ratio Lower Upper

244 100

212 9.9 7.8 11.6

122 19.5 14.8 22.2



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.177 min Scan# 2814

Delta R.T. -0.009 min

Lab File: BN034067.D

Acq: 20 Sep 2024 02:57

Tgt Ion:264 Resp: 14678

Ion Ratio Lower Upper

264 100

260 26.3 21.7 32.5

265 67.2 52.1 78.1

