

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092024\
 Data File : BN034070.D
 Acq On : 20 Sep 2024 04:46
 Operator : JU/RC
 Sample : P3957-07
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW179D2-20240910

Quant Time: Sep 20 05:09:54 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)

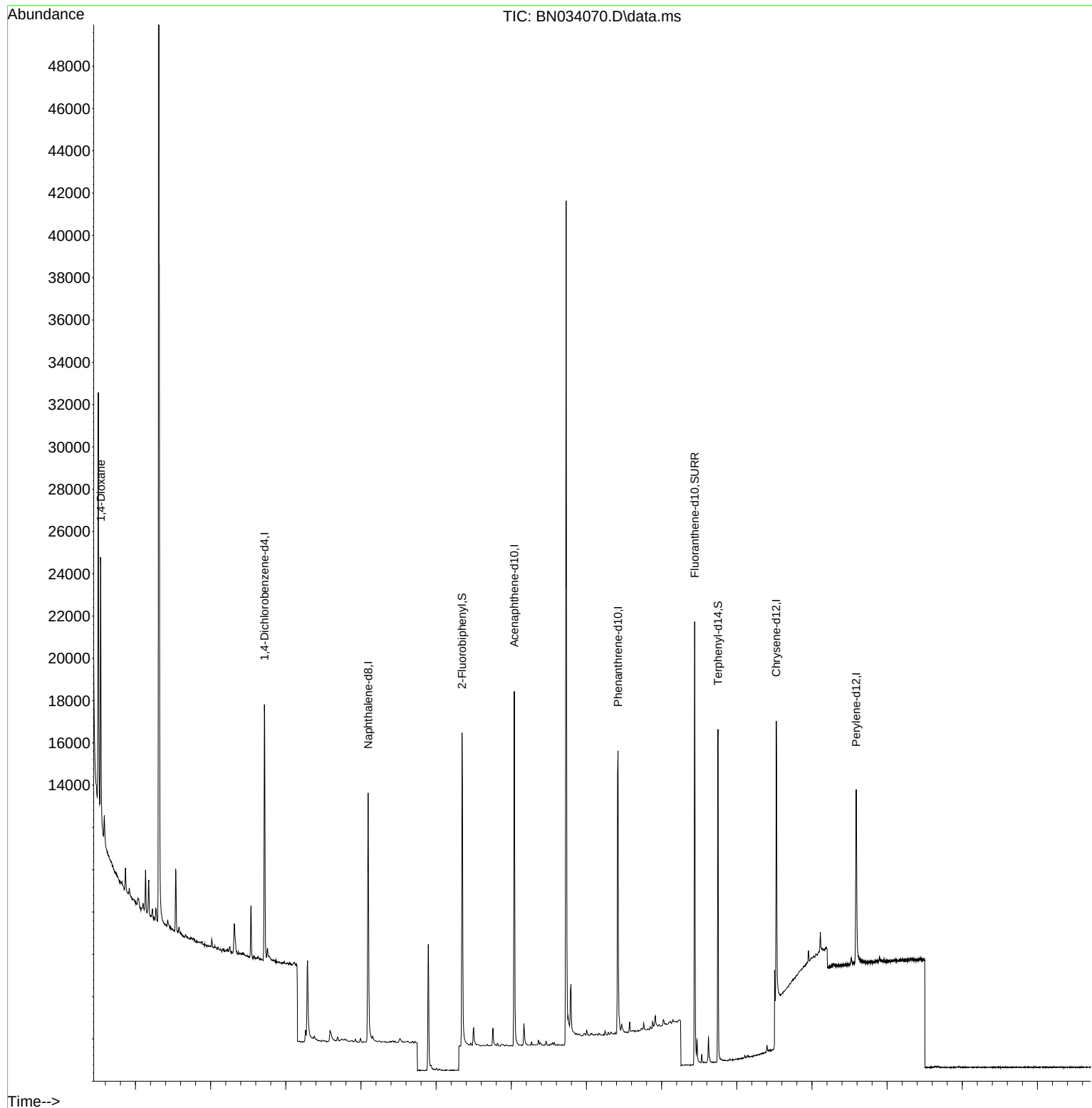
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.430	152	5993	0.400	ng	0.00
7) Naphthalene-d8	10.191	136	16724	0.400	ng	0.00
13) Acenaphthene-d10	14.079	164	9408	0.400	ng	0.00
19) Phenanthrene-d10	16.840	188	20793	0.400	ng	0.00
29) Chrysene-d12	21.051	240	13634	0.400	ng	# 0.00
35) Perylene-d12	23.175	264	11391	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.076	112	2276	0.134	ng	0.00
5) Phenol-d6	6.629	99	1395	0.071	ng	0.00
8) Nitrobenzene-d5	8.579	82	4293	0.336	ng	0.00
11) 2-Methylnaphthalene-d10	11.791	152	9079	0.368	ng	0.00
14) 2,4,6-Tribromophenol	15.586	330	1382	0.324	ng	0.00
15) 2-Fluorobiphenyl	12.690	172	14808	0.387	ng	-0.01
27) Fluoranthene-d10	18.878	212	22946	0.437	ng	0.00
31) Terphenyl-d14	19.501	244	15011	0.551	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.075	88	7317	0.977	ng	# 81

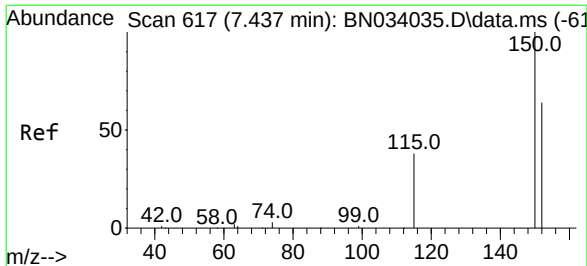
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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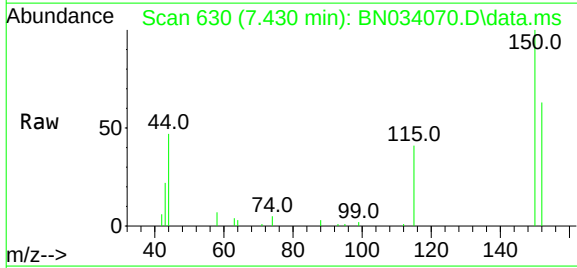
Quant Time: Sep 20 05:09:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
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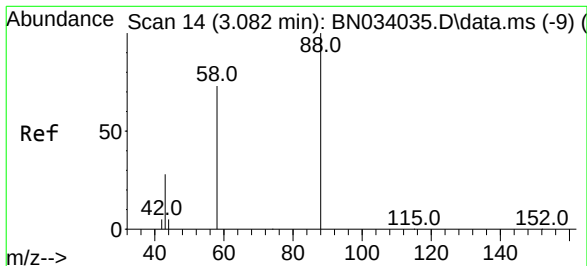
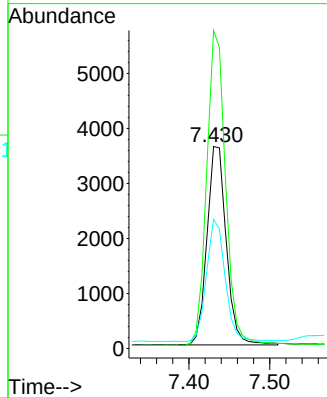
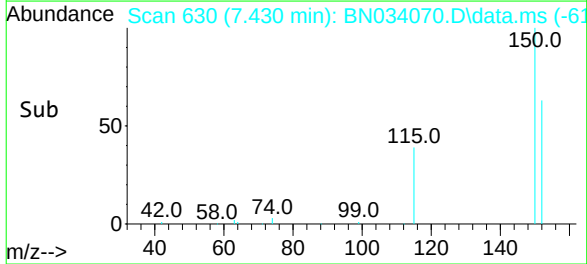


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.430 min Scan# 63
Delta R.T. -0.007 min
Lab File: BN034070.D
Acq: 20 Sep 2024 04:46

Instrument :
BNA_N
ClientSampleId :
MW179D2-20240910

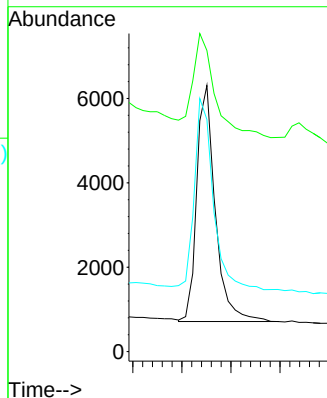
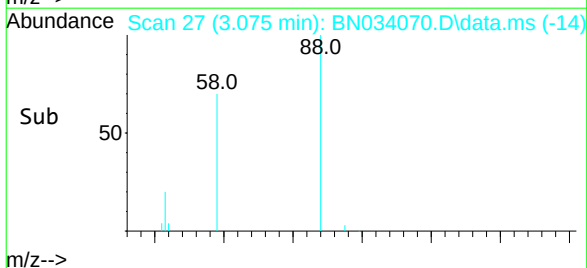
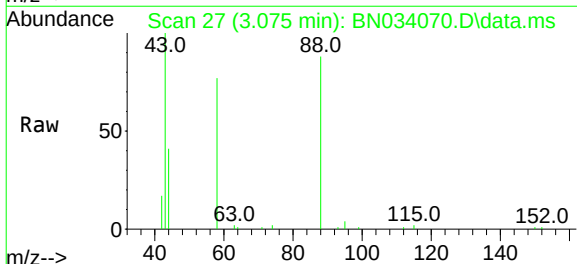


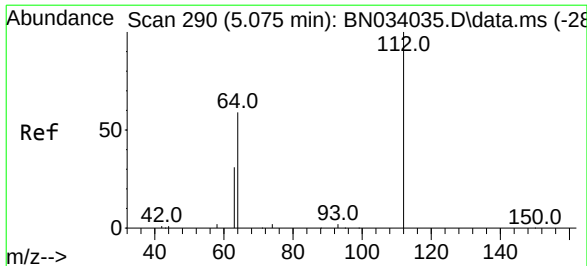
Tgt Ion: 152 Resp: 5993
Ion Ratio Lower Upper
152 100
150 157.5 124.6 187.0
115 64.0 50.0 75.0



#2
1,4-Dioxane
Concen: 0.977 ng
RT: 3.075 min Scan# 27
Delta R.T. -0.006 min
Lab File: BN034070.D
Acq: 20 Sep 2024 04:46

Tgt Ion: 88 Resp: 7317
Ion Ratio Lower Upper
88 100
43 53.8 25.8 38.8
58 82.6 58.8 88.2

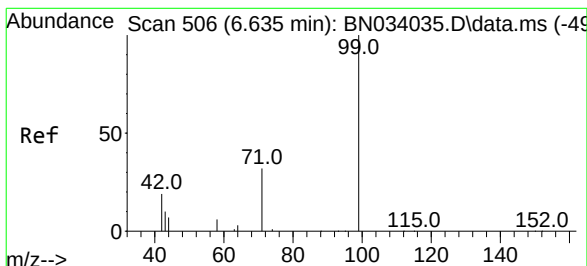
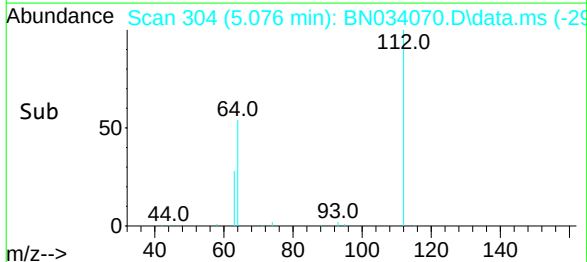
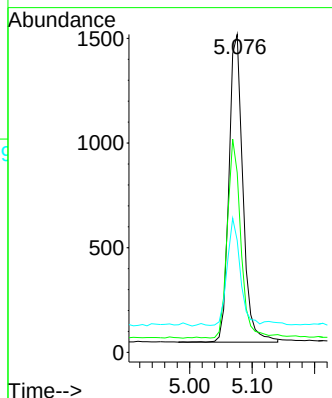
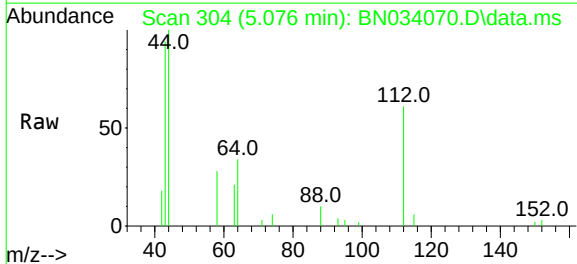




#4
2-Fluorophenol
Concen: 0.134 ng
RT: 5.076 min Scan# 30
Delta R.T. 0.001 min
Lab File: BN034070.D
Acq: 20 Sep 2024 04:46

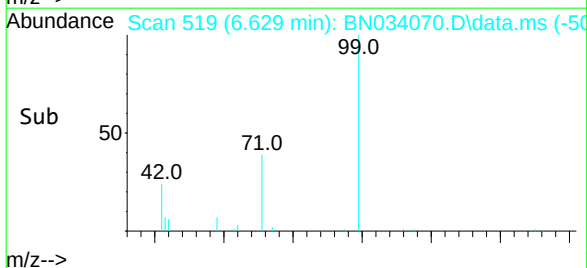
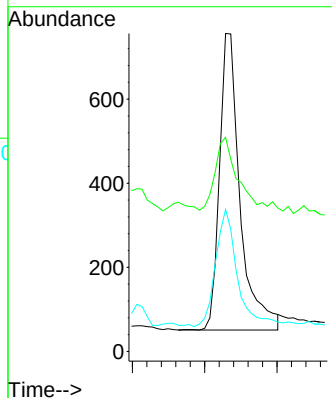
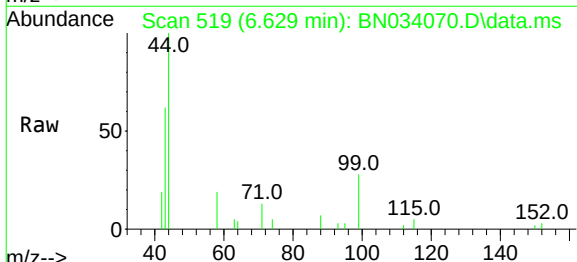
Instrument :
BNA_N
ClientSampleId :
MW179D2-20240910

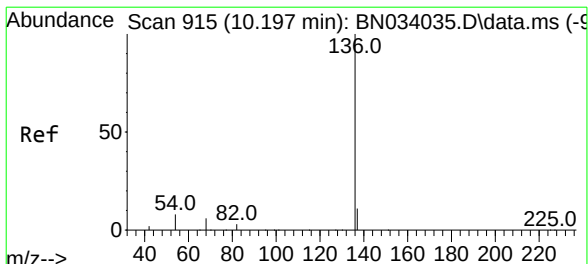
Tgt Ion:	112	Resp:	2276
Ion	Ratio	Lower	Upper
112	100		
64	62.1	48.6	72.8
63	32.3	25.6	38.4



#5
Phenol-d6
Concen: 0.071 ng
RT: 6.629 min Scan# 519
Delta R.T. -0.006 min
Lab File: BN034070.D
Acq: 20 Sep 2024 04:46

Tgt Ion:	99	Resp:	1395
Ion	Ratio	Lower	Upper
99	100		
42	27.0	17.8	26.8#
71	41.5	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: BN034070.D

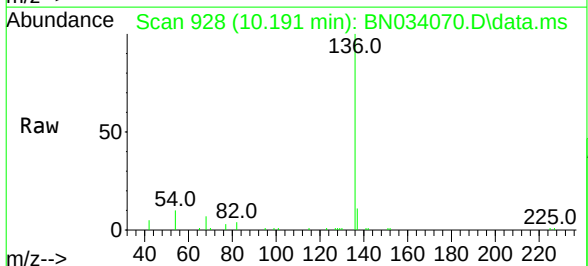
Acq: 20 Sep 2024 04:46

Instrument :

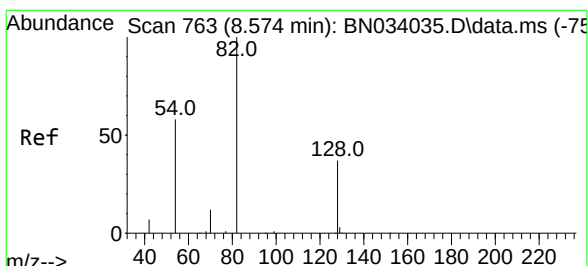
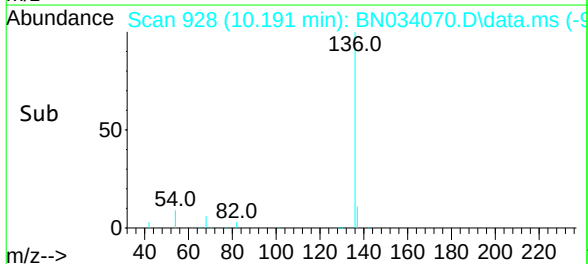
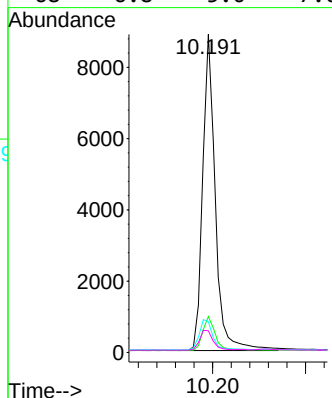
BNA_N

ClientSampleId :

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Tgt Ion:	136	Resp:	16724
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	9.7	6.8	10.2
68	6.8	5.0	7.6



#8

Nitrobenzene-d5

Concen: 0.336 ng

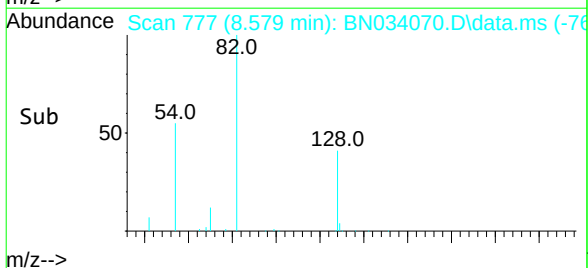
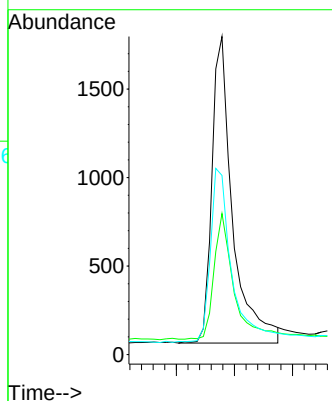
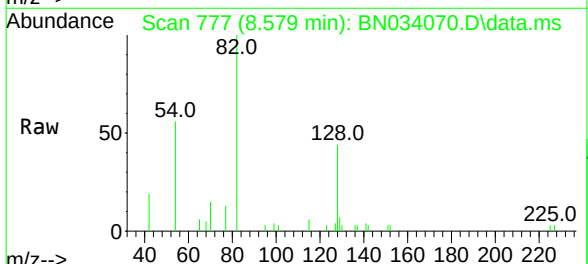
RT: 8.579 min Scan# 777

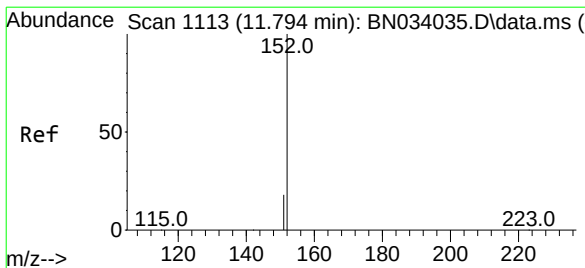
Delta R.T. 0.005 min

Lab File: BN034070.D

Acq: 20 Sep 2024 04:46

Tgt Ion:	82	Resp:	4293
Ion	Ratio	Lower	Upper
82	100		
128	44.4	31.4	47.2
54	56.3	47.4	71.0

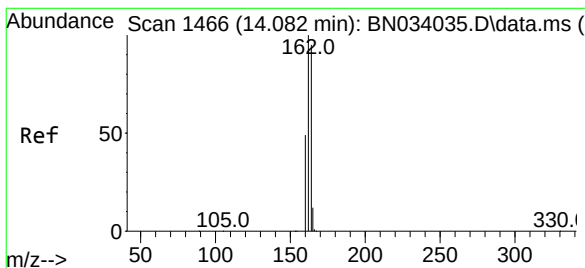
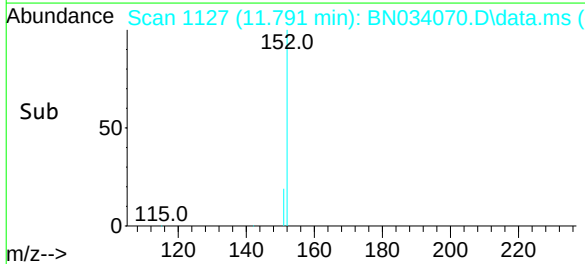
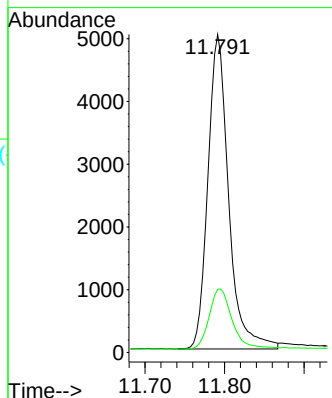
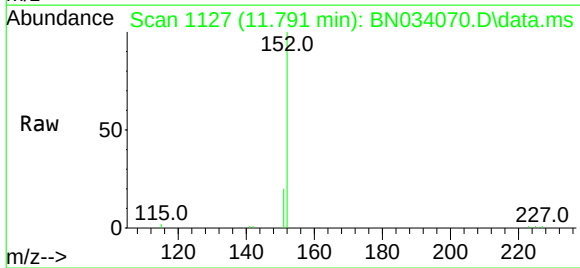




#11
2-Methylnaphthalene-d10
Concen: 0.368 ng
RT: 11.791 min Scan# 1113
Delta R.T. -0.002 min
Lab File: BN034070.D
Acq: 20 Sep 2024 04:46

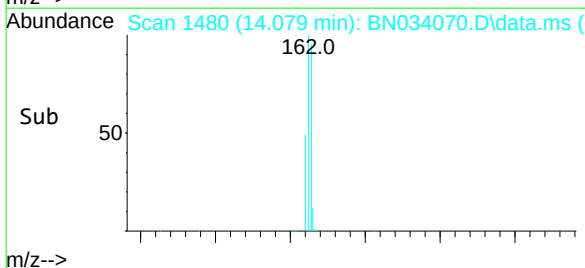
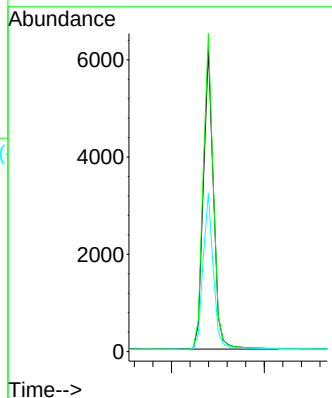
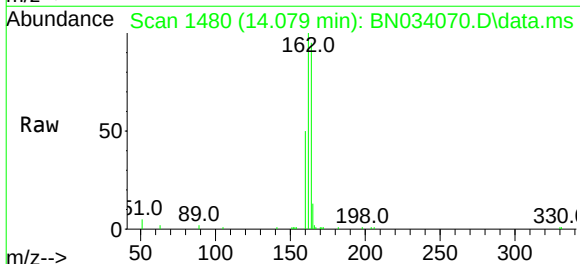
Instrument :
BNA_N
ClientSampleId :
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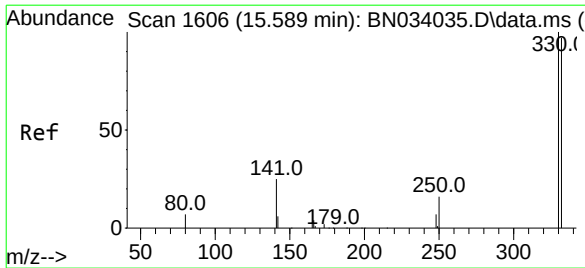
Tgt Ion:152 Resp: 9079
Ion Ratio Lower Upper
152 100
151 21.2 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.079 min Scan# 1480
Delta R.T. -0.002 min
Lab File: BN034070.D
Acq: 20 Sep 2024 04:46

Tgt Ion:164 Resp: 9408
Ion Ratio Lower Upper
164 100
162 105.3 84.2 126.2
160 52.3 41.7 62.5

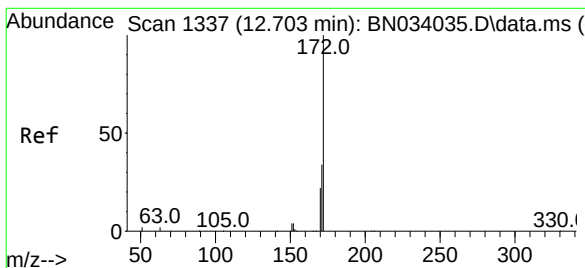
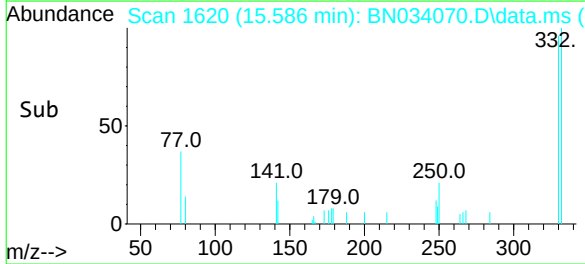
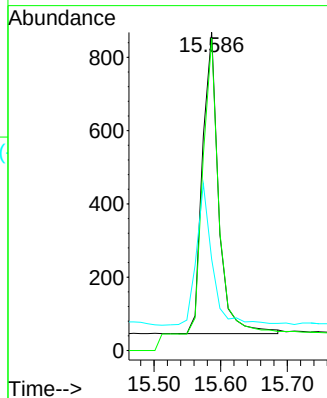
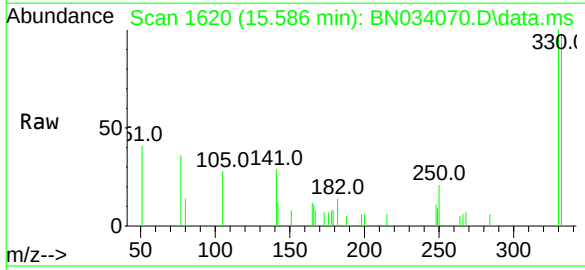




#14
2,4,6-Tribromophenol
Concen: 0.324 ng
RT: 15.586 min Scan# 1606
Delta R.T. -0.002 min
Lab File: BN034070.D
Acq: 20 Sep 2024 04:46

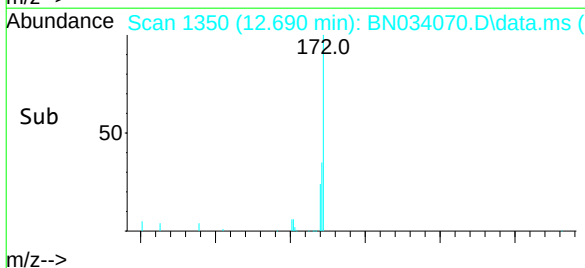
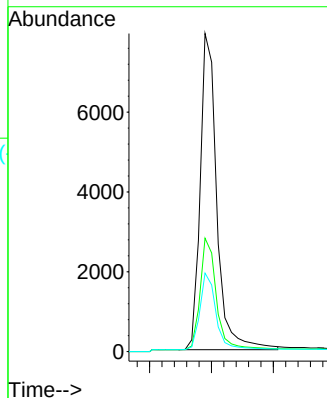
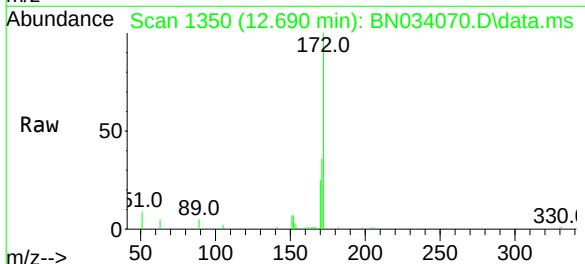
Instrument :
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MW179D2-20240910

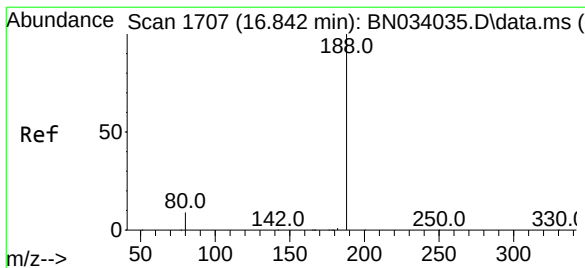
Tgt Ion:	330	Resp:	1382
Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.4	116.0
141	46.5	35.9	53.9



#15
2-Fluorobiphenyl
Concen: 0.387 ng
RT: 12.690 min Scan# 1350
Delta R.T. -0.013 min
Lab File: BN034070.D
Acq: 20 Sep 2024 04:46

Tgt Ion:	172	Resp:	14808
Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.3	40.9
170	24.7	18.1	27.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.840 min Scan# 17

Delta R.T. -0.002 min

Lab File: BN034070.D

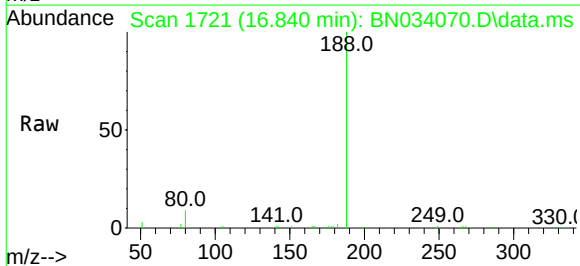
Acq: 20 Sep 2024 04:46

Instrument :

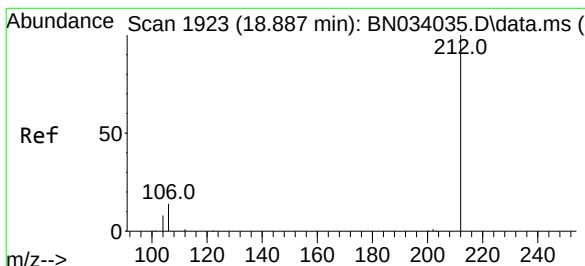
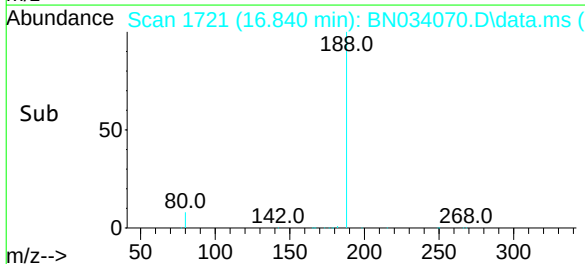
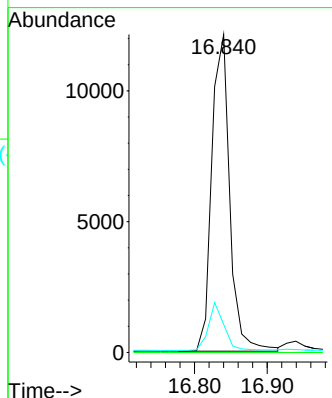
BNA_N

ClientSampleId :

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Tgt Ion:	188	Resp:	20793
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	8.9	7.4	11.0



#27

Fluoranthene-d10

Concen: 0.437 ng

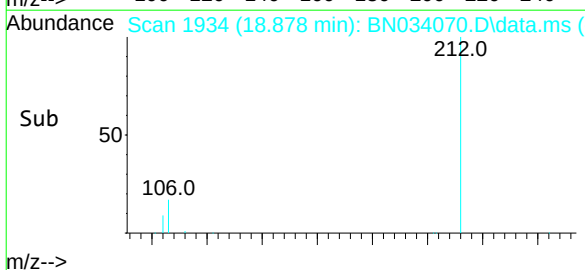
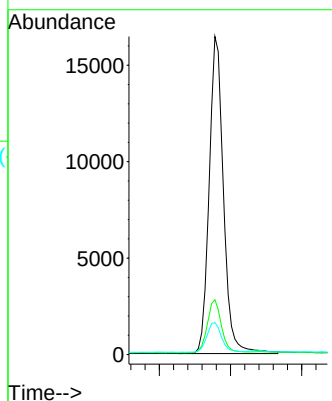
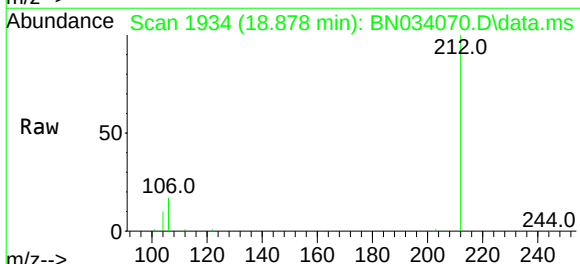
RT: 18.878 min Scan# 1934

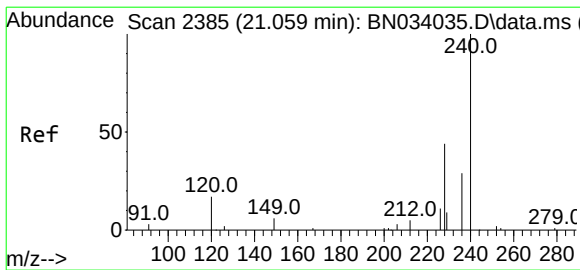
Delta R.T. -0.009 min

Lab File: BN034070.D

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Tgt Ion:	212	Resp:	22946
Ion Ratio	Lower	Upper	
212	100		
106	16.5	13.4	20.2
104	9.7	7.8	11.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.051 min Scan# 23

Delta R.T. -0.008 min

Lab File: BN034070.D

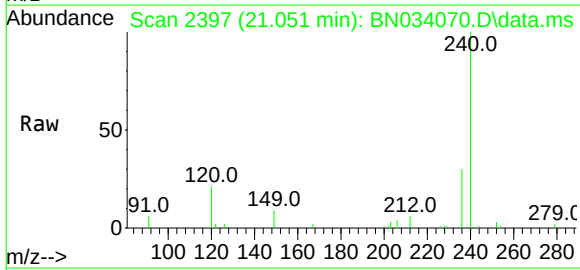
Acq: 20 Sep 2024 04:46

Instrument :

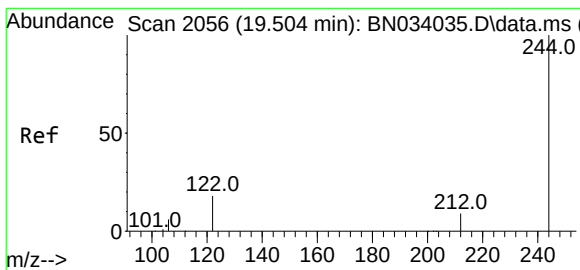
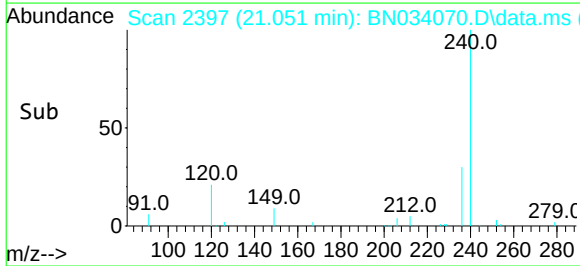
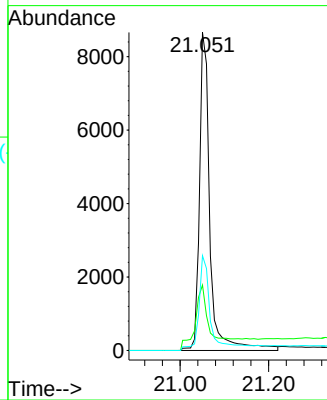
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Tgt Ion:	240	Resp:	13634
Ion Ratio	Lower	Upper	
240	100		
120	20.6	13.5	20.3#
236	29.8	23.4	35.0



#31

Terphenyl-d14

Concen: 0.551 ng

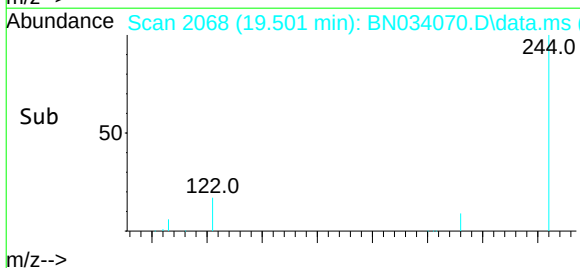
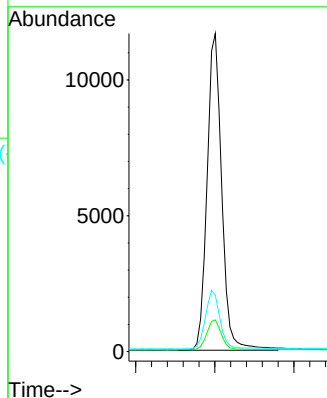
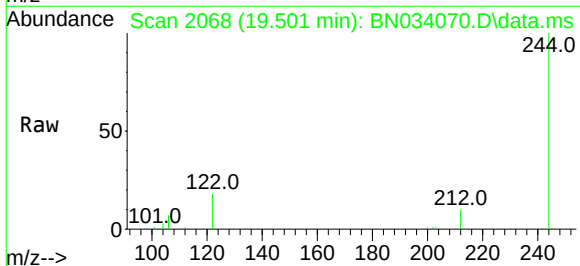
RT: 19.501 min Scan# 2068

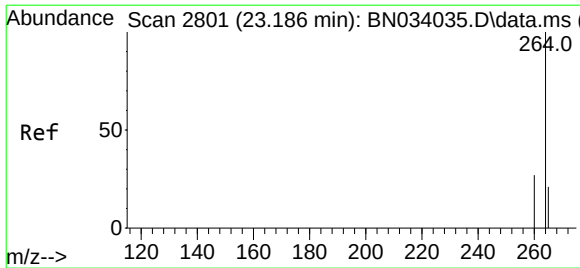
Delta R.T. -0.004 min

Lab File: BN034070.D

Acq: 20 Sep 2024 04:46

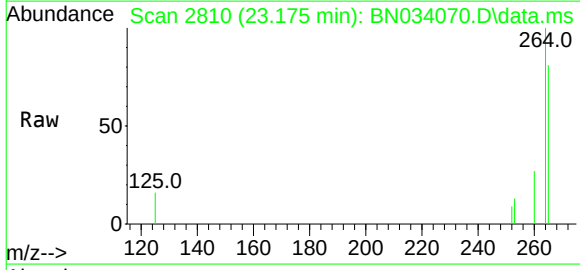
Tgt Ion:	244	Resp:	15011
Ion Ratio	Lower	Upper	
244	100		
212	10.0	7.8	11.6
122	17.7	14.8	22.2





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.175 min Scan# 28
 Delta R.T. -0.011 min
 Lab File: BN034070.D
 Acq: 20 Sep 2024 04:46

Instrument :
 BNA_N
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Tgt Ion:264	Resp:	11391
Ion	Ratio	Lower Upper
264	100	
260	26.8	21.7 32.5
265	81.4	52.1 78.1#

