

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092024\
 Data File : BN034063.D
 Acq On : 20 Sep 2024 00:32
 Operator : JU/RC
 Sample : P4003-14
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE126D2-20240912

Quant Time: Sep 20 02:32:00 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)

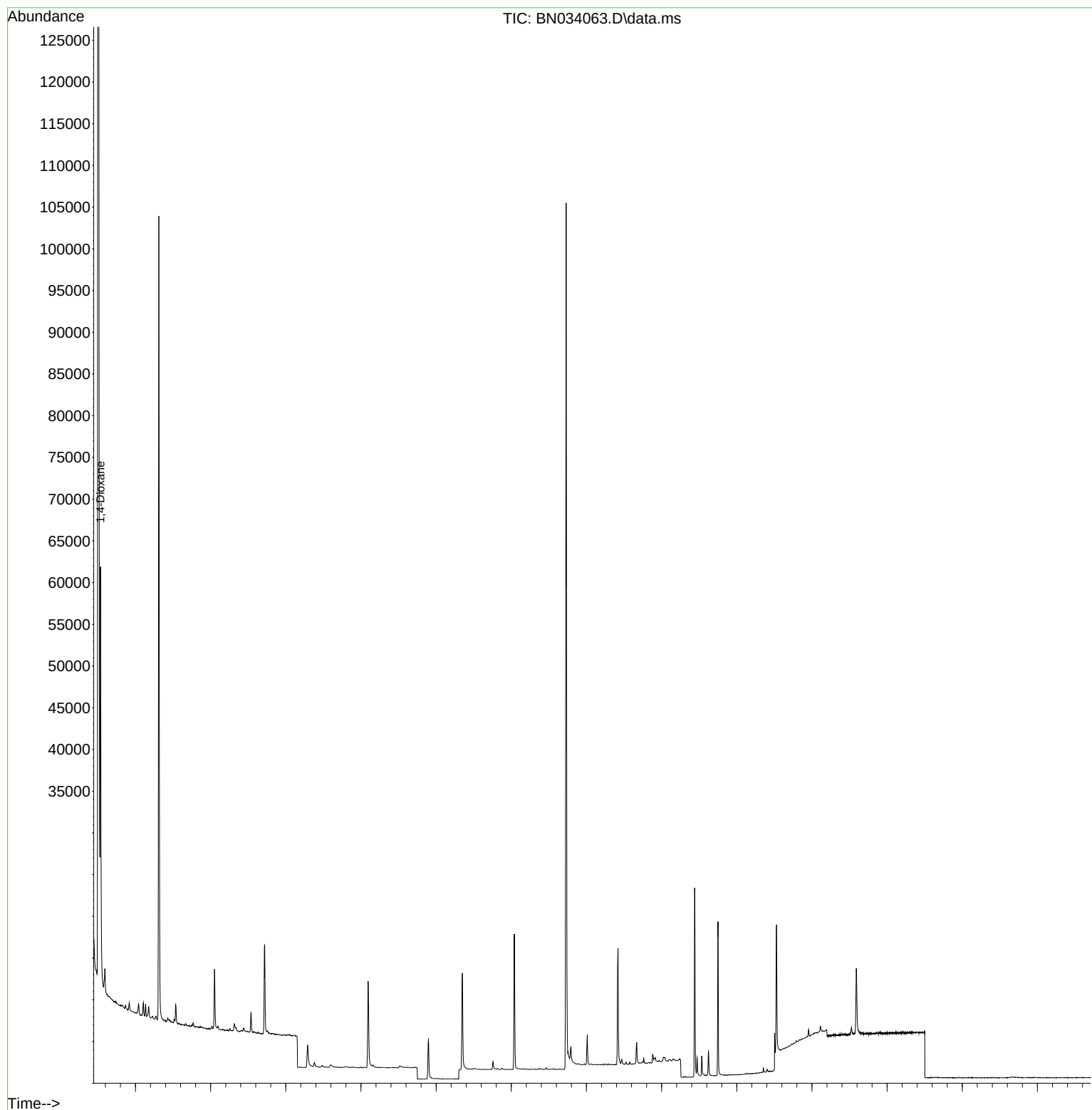
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.438	152	5386	0.400	ng	0.00
7) Naphthalene-d8	10.191	136	15223	0.400	ng	# 0.00
13) Acenaphthene-d10	14.080	164	8902	0.400	ng	0.00
19) Phenanthrene-d10	16.840	188	20717	0.400	ng	0.00
29) Chrysene-d12	21.060	240	16565	0.400	ng	# 0.00
35) Perylene-d12	23.181	264	11088	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.076	112	1793	0.117	ng	0.00
5) Phenol-d6	6.636	99	1016	0.057	ng	0.00
8) Nitrobenzene-d5	8.579	82	3302	0.284	ng	0.00
11) 2-Methylnaphthalene-d10	11.795	152	7557	0.336	ng	0.00
14) 2,4,6-Tribromophenol	15.587	330	1076	0.267	ng	0.00
15) 2-Fluorobiphenyl	12.700	172	12311	0.340	ng	0.00
27) Fluoranthene-d10	18.883	212	24760	0.474	ng	0.00
31) Terphenyl-d14	19.501	244	16519	0.499	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.068	88	24952	3.706	ng	# 89

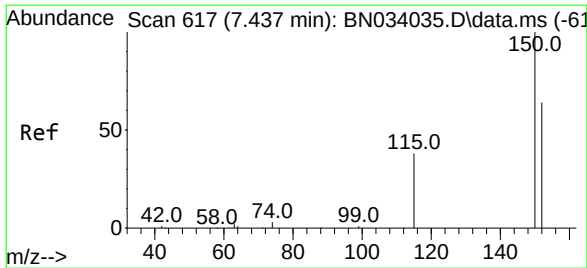
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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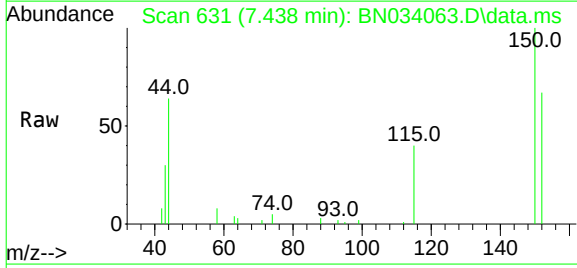
Quant Time: Sep 20 02:32:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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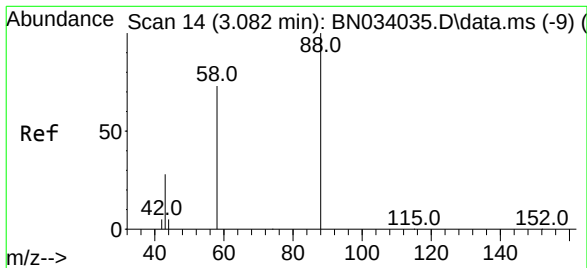
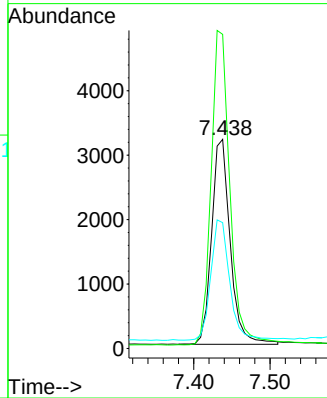
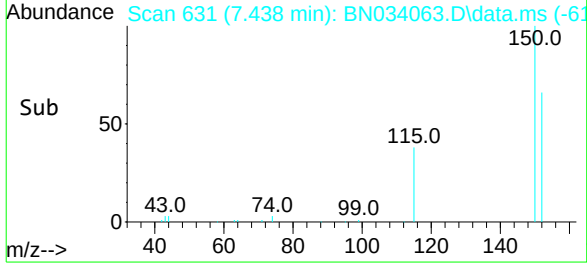


1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.438 min Scan# 63
 Delta R.T. 0.001 min
 Lab File: BN034063.D
 Acq: 20 Sep 2024 00:32

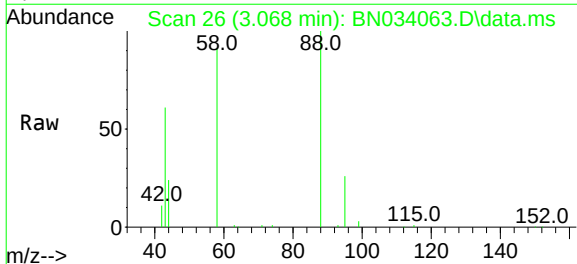
Instrument :
 BNA_N
 ClientSampleId :
 RE126D2-20240912



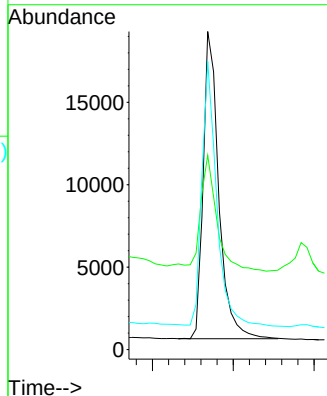
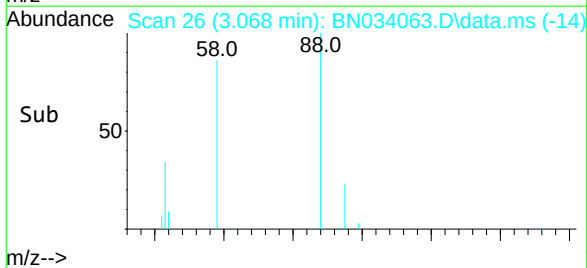
Tgt Ion: 152 Resp: 5386
 Ion Ratio Lower Upper
 152 100
 150 150.2 124.6 187.0
 115 60.2 50.0 75.0

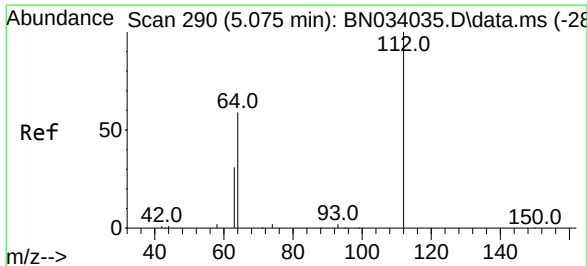


1,4-Dioxane
 Concen: 3.706 ng
 RT: 3.068 min Scan# 26
 Delta R.T. -0.013 min
 Lab File: BN034063.D
 Acq: 20 Sep 2024 00:32



Tgt Ion: 88 Resp: 24952
 Ion Ratio Lower Upper
 88 100
 43 38.8 25.8 38.8#
 58 82.0 58.8 88.2

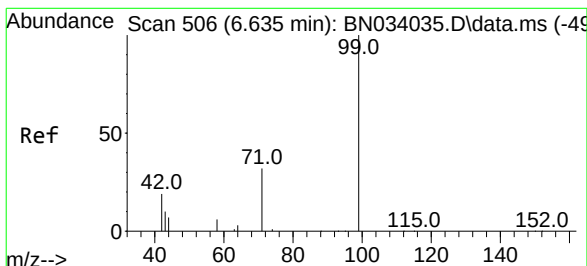
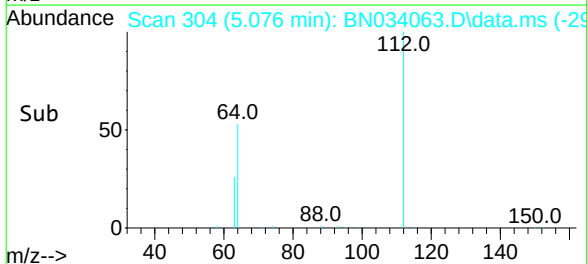
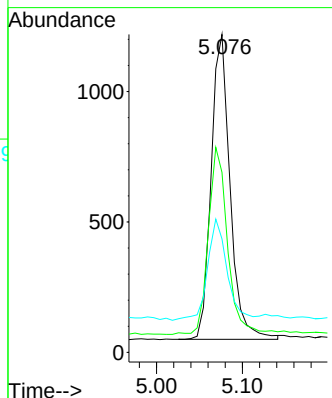
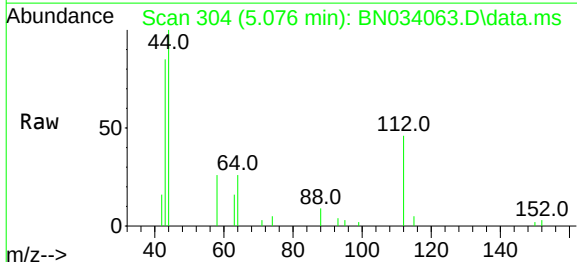




#4
2-Fluorophenol
Concen: 0.117 ng
RT: 5.076 min Scan# 30
Delta R.T. 0.001 min
Lab File: BN034063.D
Acq: 20 Sep 2024 00:32

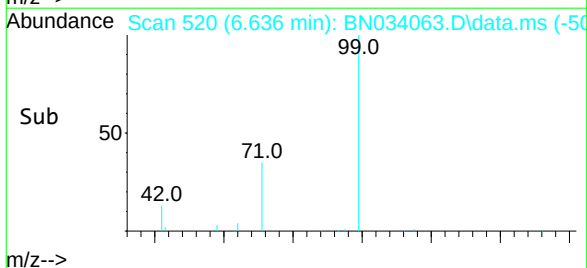
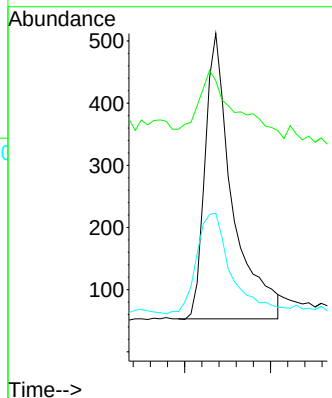
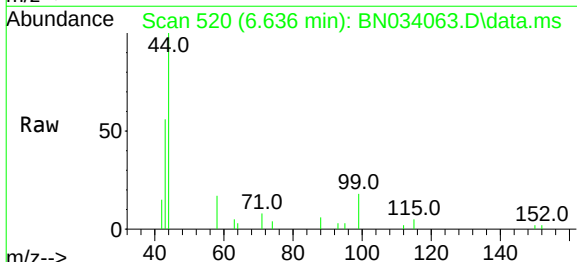
Instrument :
BNA_N
ClientSampleId :
RE126D2-20240912

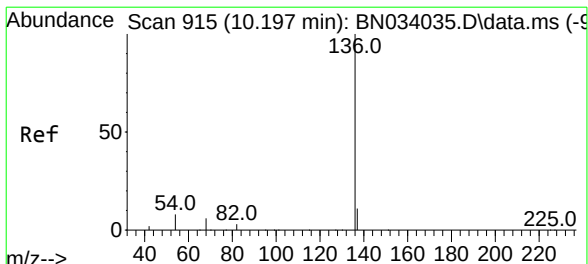
Tgt Ion:	112	Resp:	1793
Ion	Ratio	Lower	Upper
112	100		
64	62.4	48.6	72.8
63	34.0	25.6	38.4



#5
Phenol-d6
Concen: 0.057 ng
RT: 6.636 min Scan# 520
Delta R.T. 0.001 min
Lab File: BN034063.D
Acq: 20 Sep 2024 00:32

Tgt Ion:	99	Resp:	1016
Ion	Ratio	Lower	Upper
99	100		
42	23.0	17.8	26.8
71	44.4	26.2	39.2

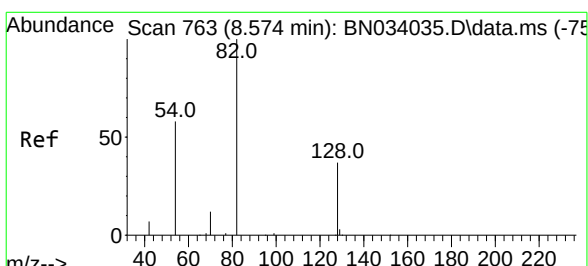
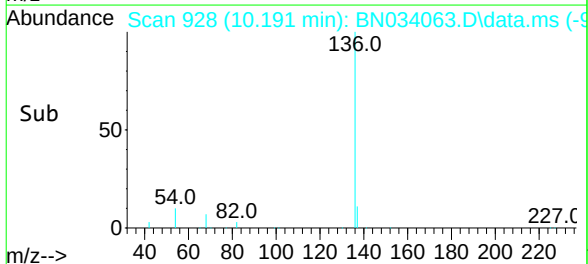
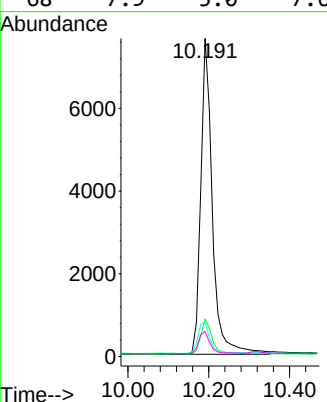
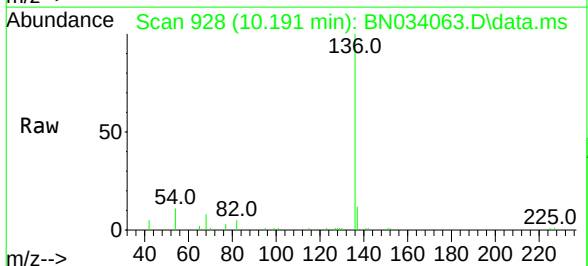




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.191 min Scan# 92
Delta R.T. -0.006 min
Lab File: BN034063.D
Acq: 20 Sep 2024 00:32

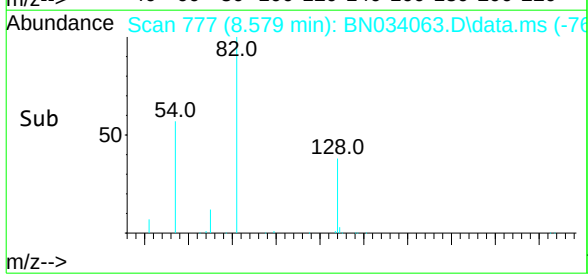
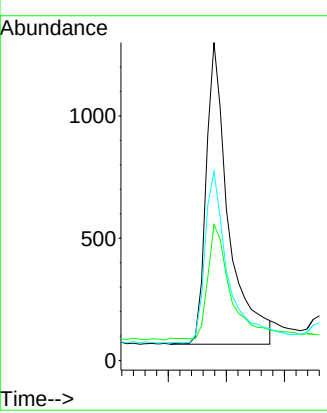
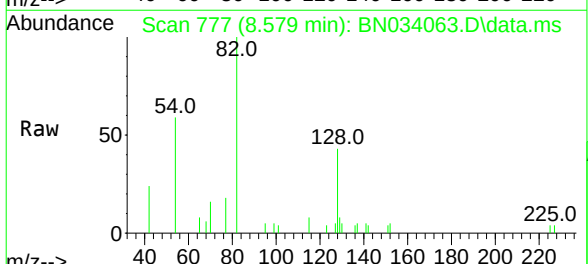
Instrument :
BNA_N
ClientSampleId :
RE126D2-20240912

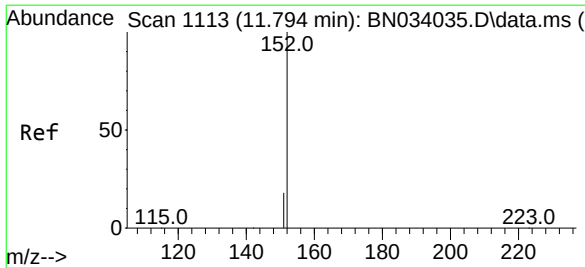
Tgt Ion:	136	Resp:	15223
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.0	13.6
54	10.9	6.8	10.2#
68	7.9	5.0	7.6#



#8
Nitrobenzene-d5
Concen: 0.284 ng
RT: 8.579 min Scan# 777
Delta R.T. 0.005 min
Lab File: BN034063.D
Acq: 20 Sep 2024 00:32

Tgt Ion:	82	Resp:	3302
Ion	Ratio	Lower	Upper
82	100		
128	42.8	31.4	47.2
54	59.5	47.4	71.0

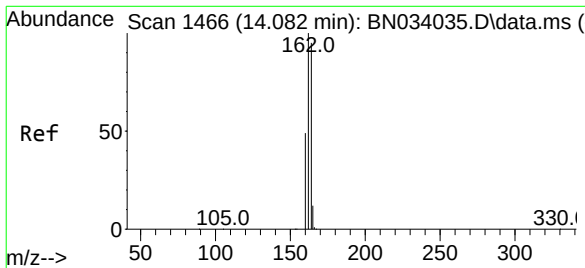
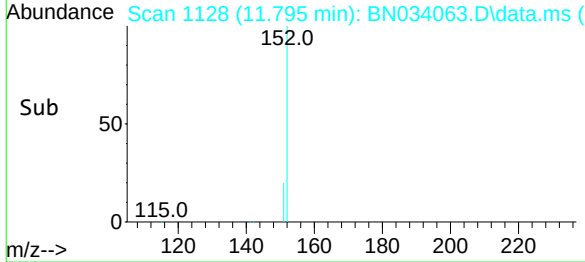
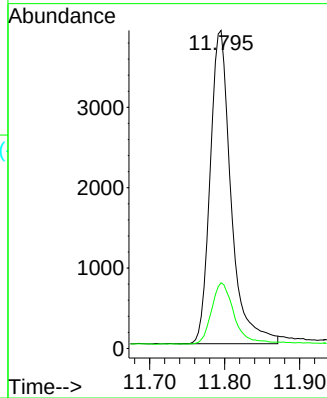
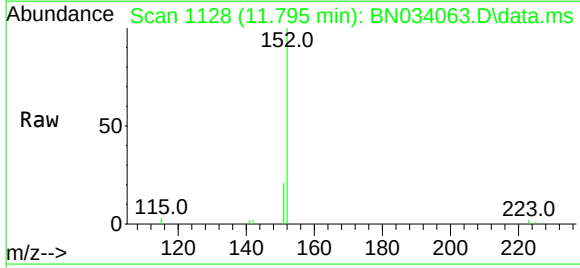




#11
2-Methylnaphthalene-d10
Concen: 0.336 ng
RT: 11.795 min Scan# 1113
Delta R.T. 0.002 min
Lab File: BN034063.D
Acq: 20 Sep 2024 00:32

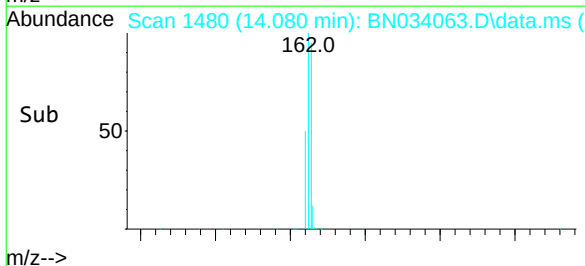
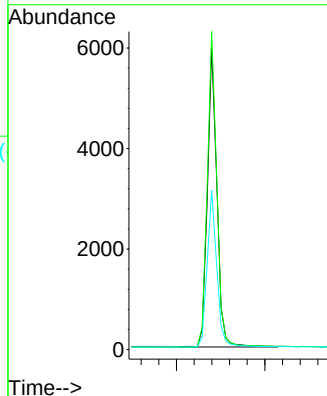
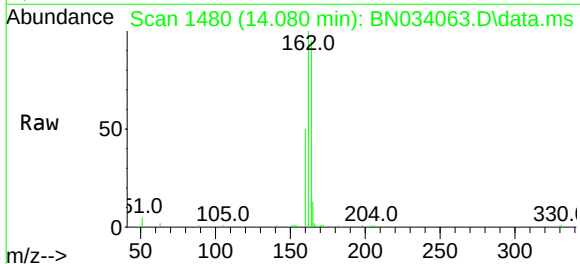
Instrument :
BNA_N
ClientSampleId :
RE126D2-20240912

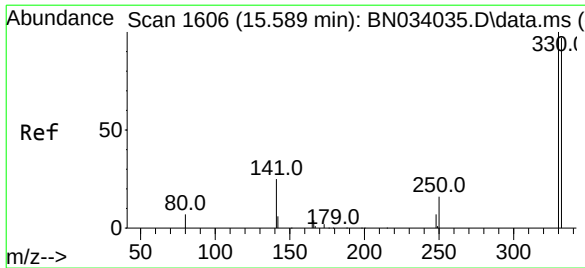
Tgt Ion:152 Resp: 7557
Ion Ratio Lower Upper
152 100
151 21.0 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.080 min Scan# 1480
Delta R.T. -0.002 min
Lab File: BN034063.D
Acq: 20 Sep 2024 00:32

Tgt Ion:164 Resp: 8902
Ion Ratio Lower Upper
164 100
162 105.2 84.2 126.2
160 52.6 41.7 62.5





#14

2,4,6-Tribromophenol

Concen: 0.267 ng

RT: 15.587 min Scan# 16

Delta R.T. -0.002 min

Lab File: BN034063.D

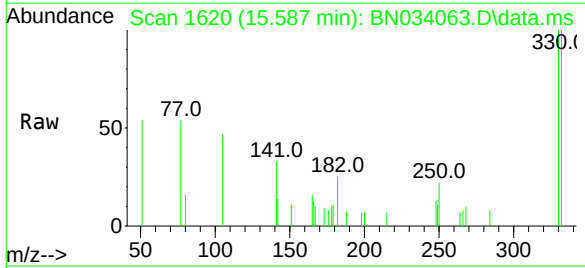
Acq: 20 Sep 2024 00:32

Instrument :

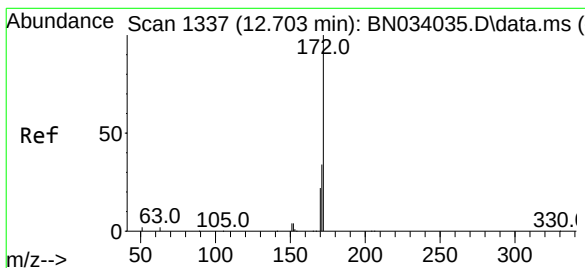
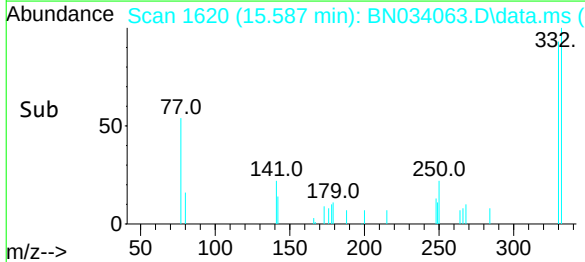
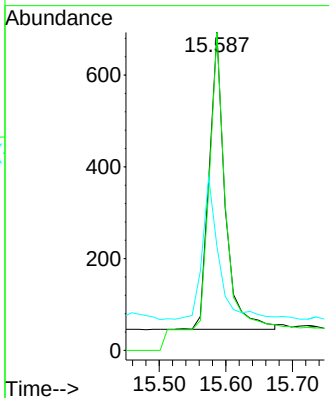
BNA_N

ClientSampleId :

RE126D2-20240912



Tgt Ion:	330	Resp:	1076
Ion Ratio	Lower	Upper	
330	100		
332	98.8	77.4	116.0
141	49.1	35.9	53.9



#15

2-Fluorobiphenyl

Concen: 0.340 ng

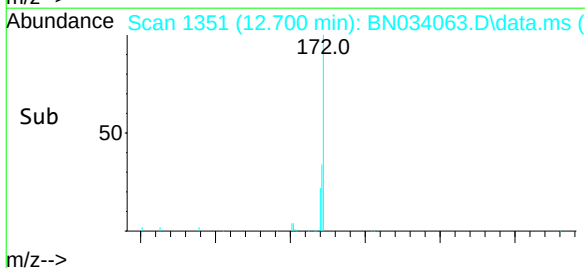
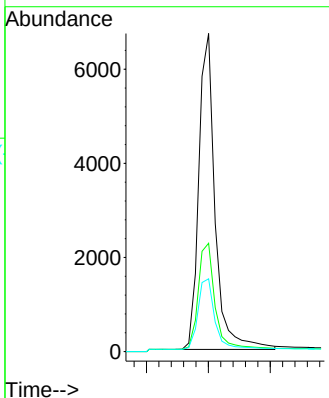
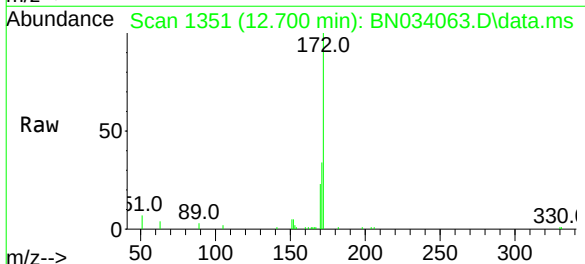
RT: 12.700 min Scan# 1351

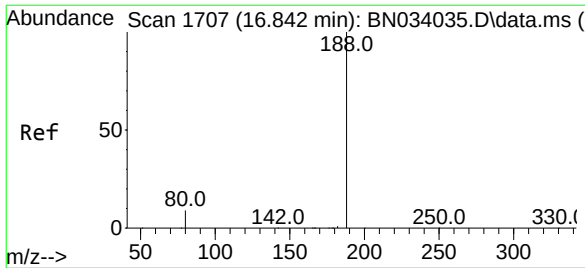
Delta R.T. -0.002 min

Lab File: BN034063.D

Acq: 20 Sep 2024 00:32

Tgt Ion:	172	Resp:	12311
Ion Ratio	Lower	Upper	
172	100		
171	34.1	27.3	40.9
170	22.9	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: BN034063.D

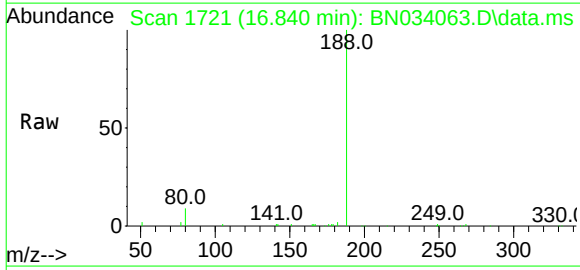
Acq: 20 Sep 2024 00:32

Instrument :

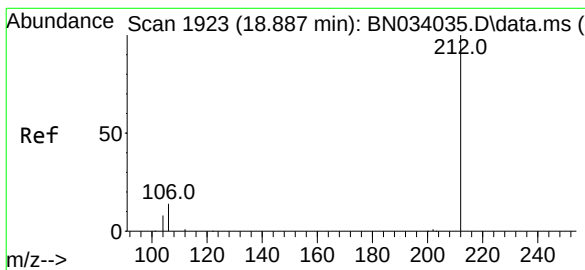
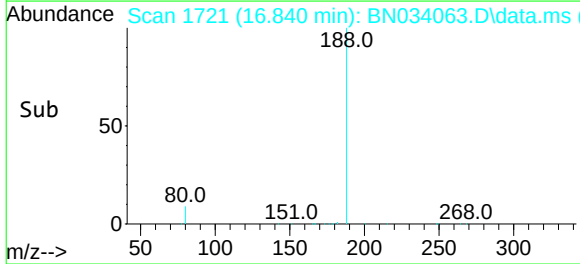
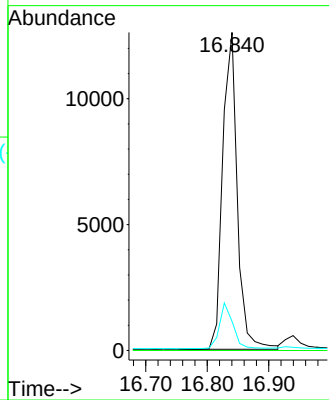
BNA_N

ClientSampleId :

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Tgt Ion:	188	Resp:	20717
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	9.2	7.4	11.0



#27

Fluoranthene-d10

Concen: 0.474 ng

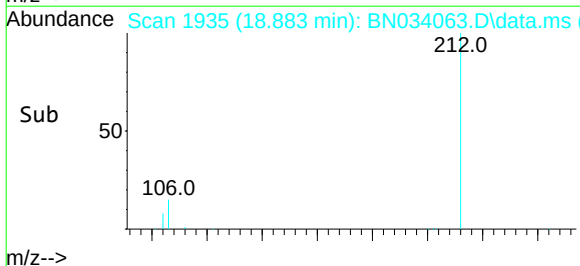
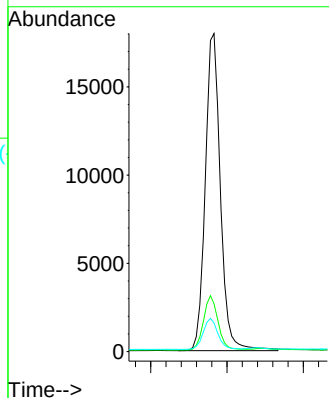
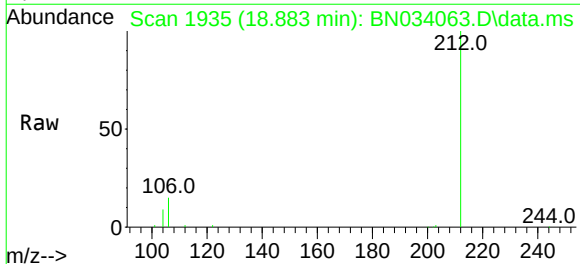
RT: 18.883 min Scan# 1935

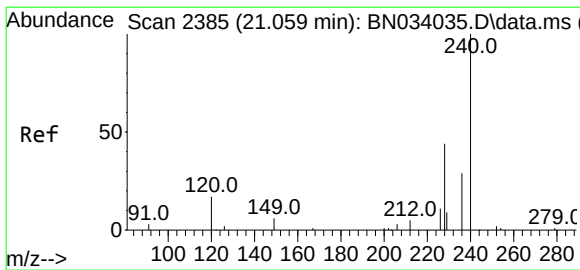
Delta R.T. -0.004 min

Lab File: BN034063.D

Acq: 20 Sep 2024 00:32

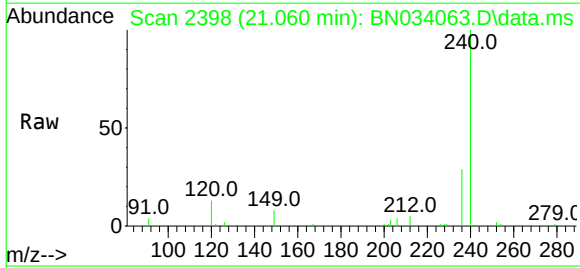
Tgt Ion:	212	Resp:	24760
Ion Ratio	Lower	Upper	
212	100		
106	16.5	13.4	20.2
104	9.4	7.8	11.6



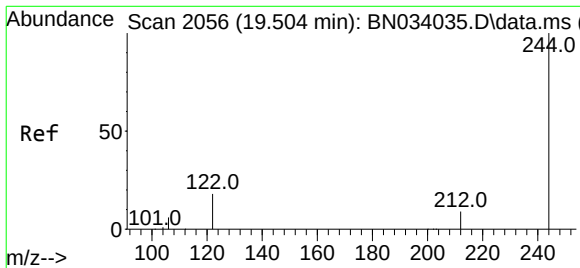
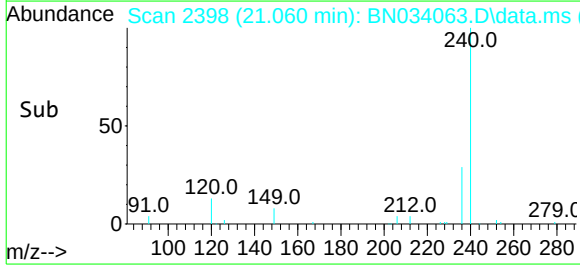
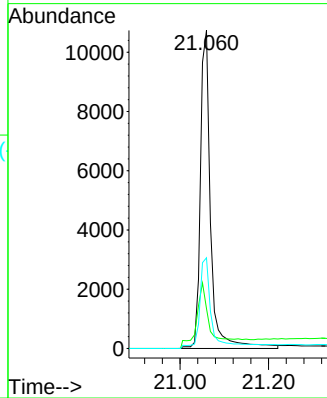


#29
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.060 min Scan# 2385
 Delta R.T. 0.001 min
 Lab File: BN034063.D
 Acq: 20 Sep 2024 00:32

Instrument :
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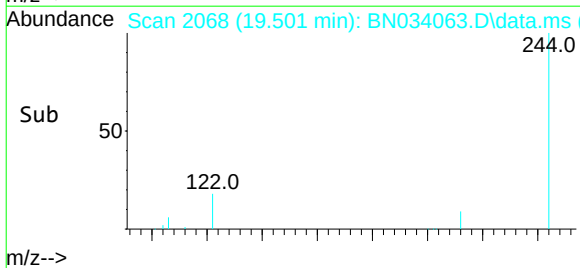
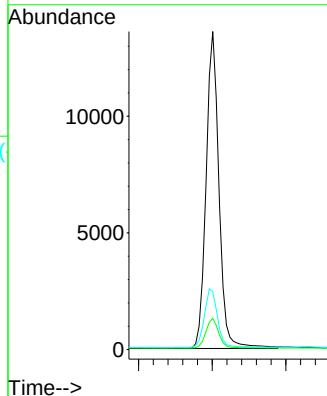
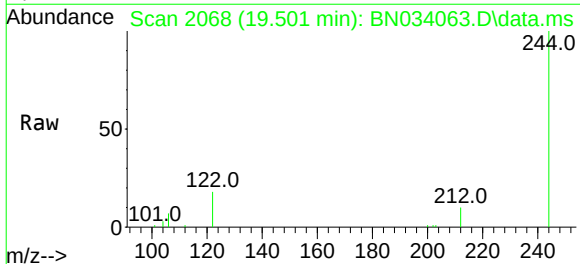


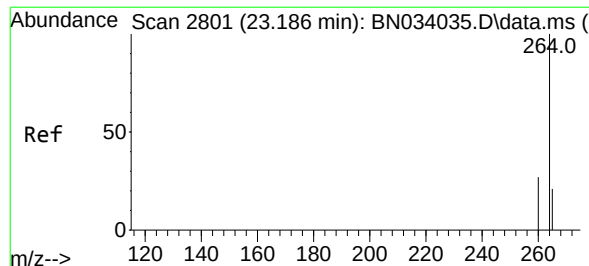
Tgt Ion:	240	Resp:	16565
Ion	Ratio	Lower	Upper
240	100		
120	12.6	13.5	20.3#
236	28.5	23.4	35.0



#31
 Terphenyl-d14
 Concen: 0.499 ng
 RT: 19.501 min Scan# 2068
 Delta R.T. -0.004 min
 Lab File: BN034063.D
 Acq: 20 Sep 2024 00:32

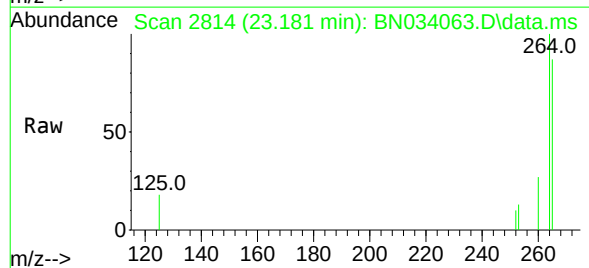
Tgt Ion:	244	Resp:	16519
Ion	Ratio	Lower	Upper
244	100		
212	9.9	7.8	11.6
122	18.2	14.8	22.2





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.181 min Scan# 28
Delta R.T. -0.005 min
Lab File: BN034063.D
Acq: 20 Sep 2024 00:32

Instrument :
BNA_N
ClientSampleId :
RE126D2-20240912



Tgt Ion:264 Resp: 11088
Ion Ratio Lower Upper
264 100
260 27.3 21.7 32.5
265 87.3 52.1 78.1#

