

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
 Data File : BN034109.D
 Acq On : 21 Sep 2024 05:05
 Operator : JU/RC
 Sample : P4003-18
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE126D3-20240913

Quant Time: Sep 21 05:41:01 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)

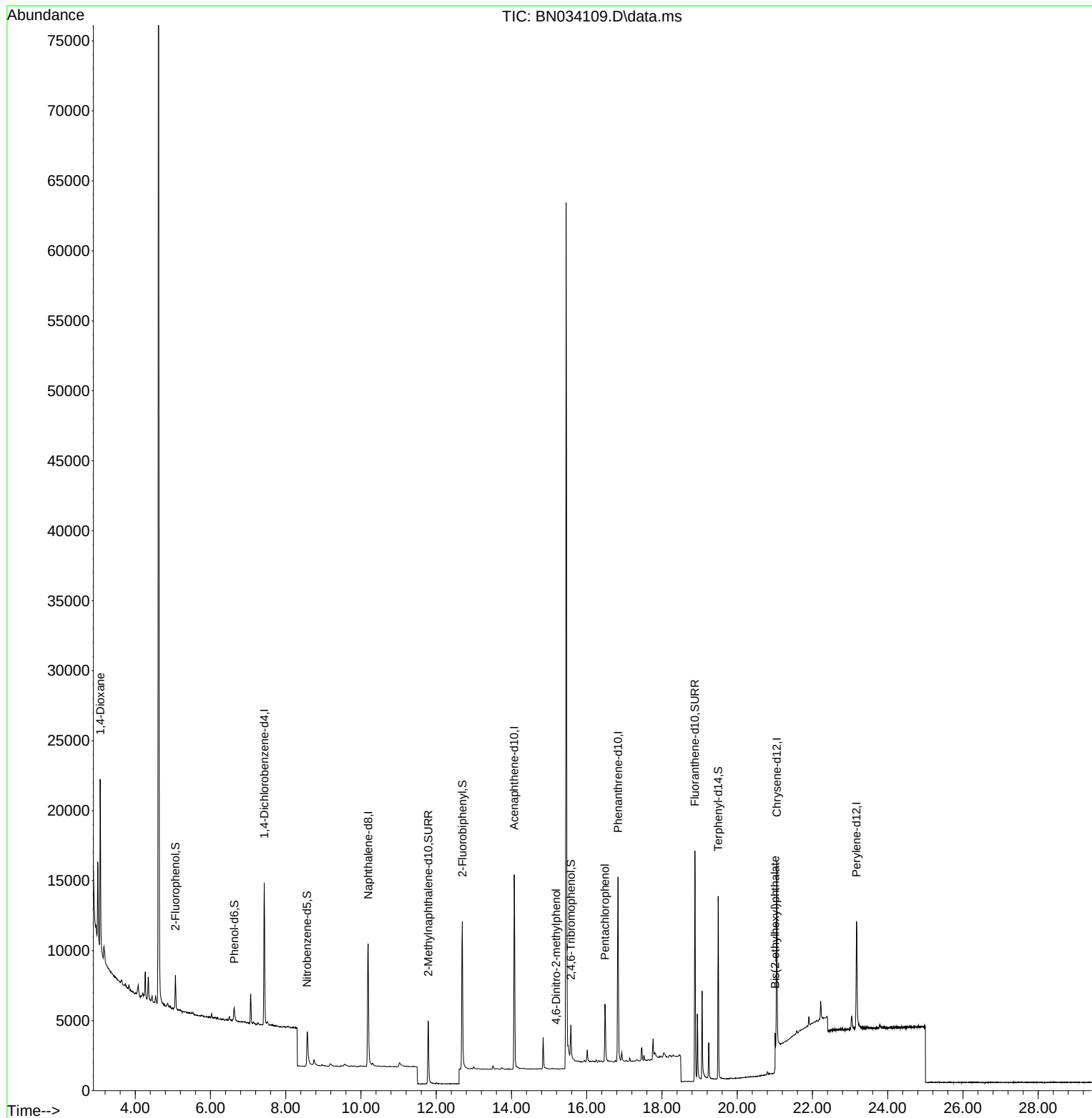
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.430	152	4916	0.400	ng	0.00
7) Naphthalene-d8	10.191	136	13528	0.400	ng	0.00
13) Acenaphthene-d10	14.072	164	8188	0.400	ng	0.00
19) Phenanthrene-d10	16.833	188	17837	0.400	ng	0.00
29) Chrysene-d12	21.053	240	13159	0.400	ng	# 0.00
35) Perylene-d12	23.171	264	10167	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.069	112	1771	0.127	ng	0.00
5) Phenol-d6	6.629	99	1010	0.062	ng	0.00
8) Nitrobenzene-d5	8.568	82	2975	0.287	ng	0.00
11) 2-Methylnaphthalene-d10	11.787	152	6702	0.335	ng	0.00
14) 2,4,6-Tribromophenol	15.579	330	1073	0.289	ng	0.00
15) 2-Fluorobiphenyl	12.693	172	10823	0.325	ng	0.00
27) Fluoranthene-d10	18.876	212	17963	0.399	ng	-0.01
31) Terphenyl-d14	19.494	244	12123	0.461	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.068	88	6429	1.046	ng	# 73
20) 4,6-Dinitro-2-methylph...	15.184	198	3	0.139	ng	# 1
24) Pentachlorophenol	16.486	266	2116	0.569	ng	99
34) Bis(2-ethylhexyl)phtha...	21.008	149	1522	0.088	ng	# 83

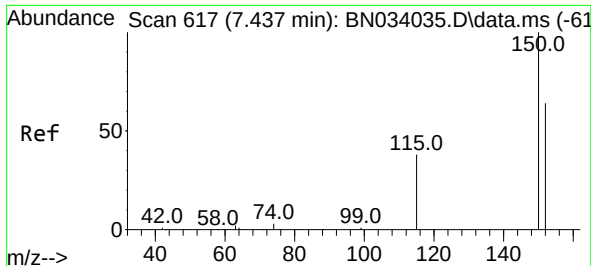
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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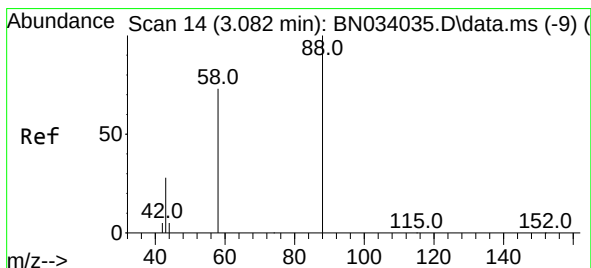
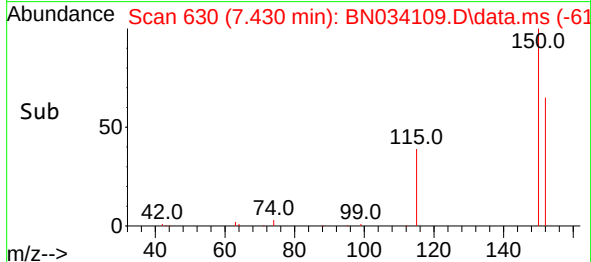
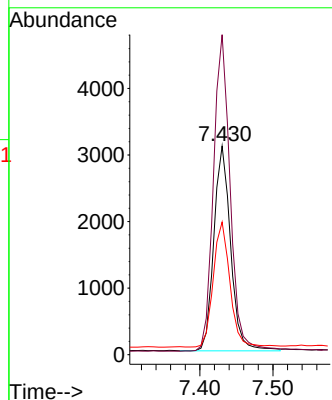
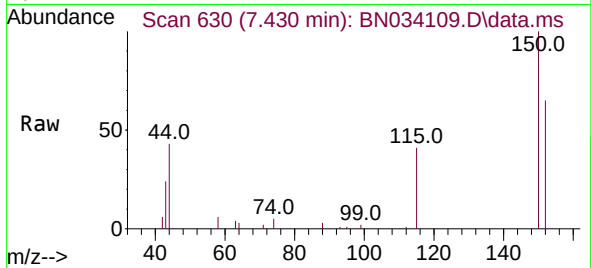




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.430 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN034109.D
Acq: 21 Sep 2024 05:05

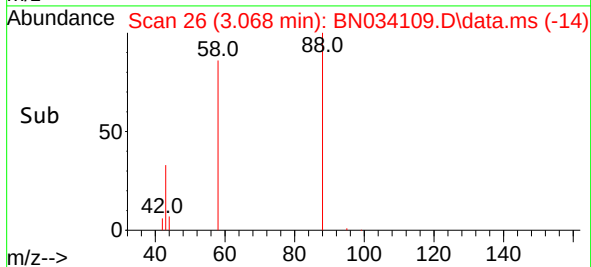
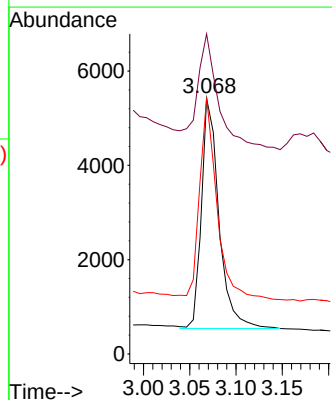
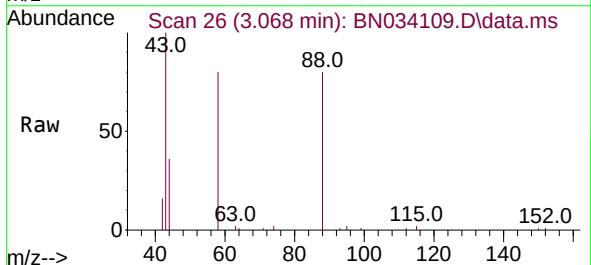
Instrument :
BNA_N
ClientSampleId :
RE126D3-20240913

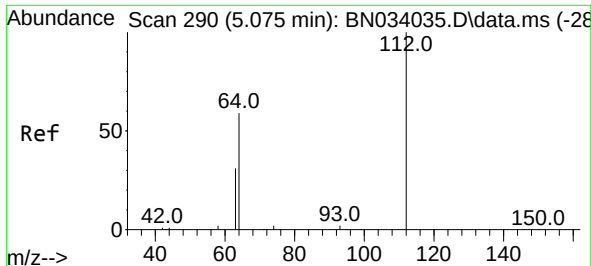
Tgt Ion:152 Resp: 4916
Ion Ratio Lower Upper
152 100
150 153.3 124.6 187.0
115 63.5 50.0 75.0



#2
1,4-Dioxane
Concen: 1.046 ng
RT: 3.068 min Scan# 26
Delta R.T. -0.013 min
Lab File: BN034109.D
Acq: 21 Sep 2024 05:05

Tgt Ion: 88 Resp: 6429
Ion Ratio Lower Upper
88 100
43 61.8 25.8 38.8#
58 87.1 58.8 88.2

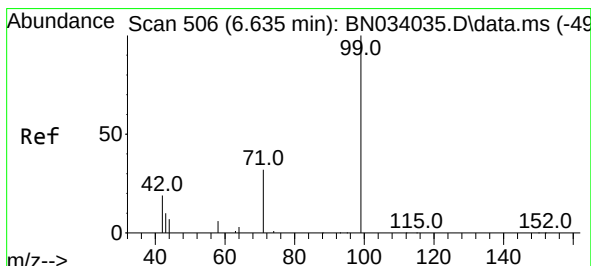
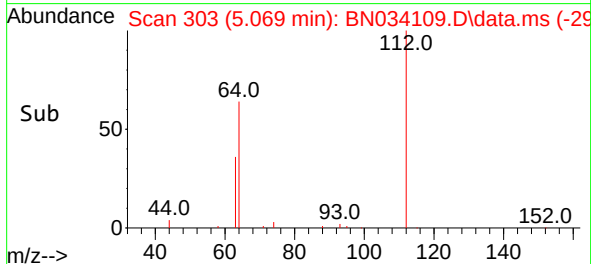
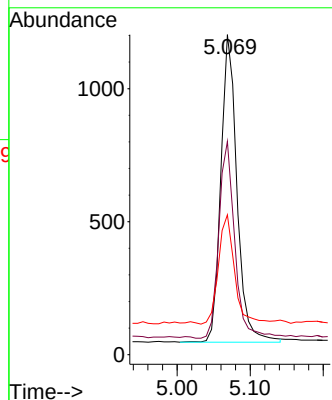
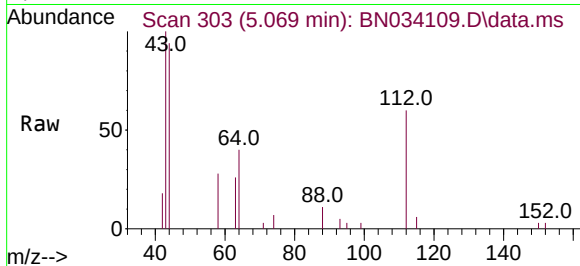




#4
2-Fluorophenol
Concen: 0.127 ng
RT: 5.069 min Scan# 30
Delta R.T. -0.006 min
Lab File: BN034109.D
Acq: 21 Sep 2024 05:05

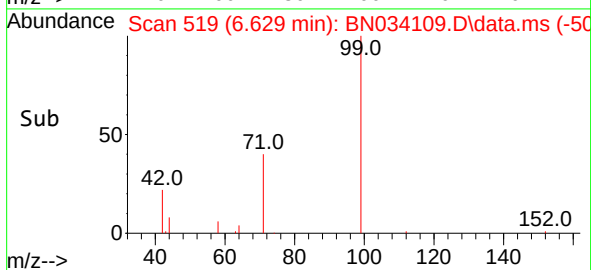
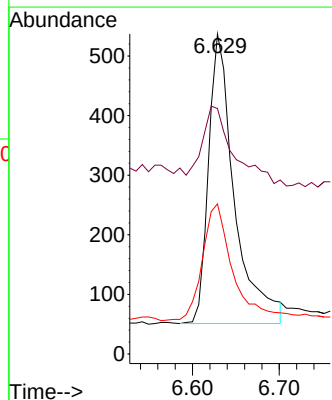
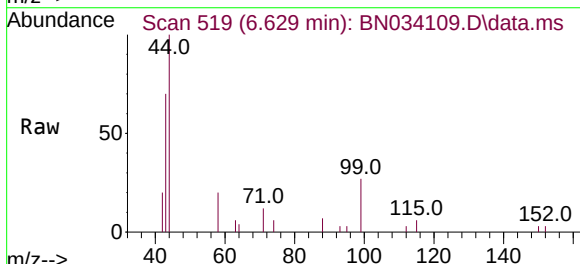
Instrument :
BNA_N
ClientSampleId :
RE126D3-20240913

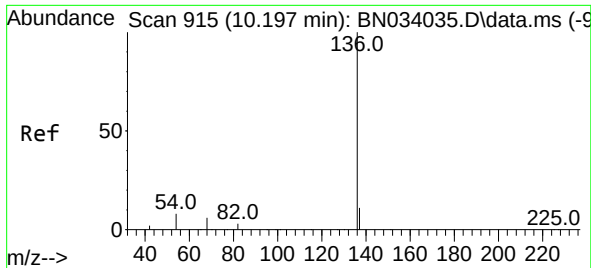
Tgt Ion:112 Resp: 1771
Ion Ratio Lower Upper
112 100
64 63.2 48.6 72.8
63 35.6 25.6 38.4



#5
Phenol-d6
Concen: 0.062 ng
RT: 6.629 min Scan# 519
Delta R.T. -0.006 min
Lab File: BN034109.D
Acq: 21 Sep 2024 05:05

Tgt Ion: 99 Resp: 1010
Ion Ratio Lower Upper
99 100
42 31.5 17.8 26.8#
71 46.0 26.2 39.2#

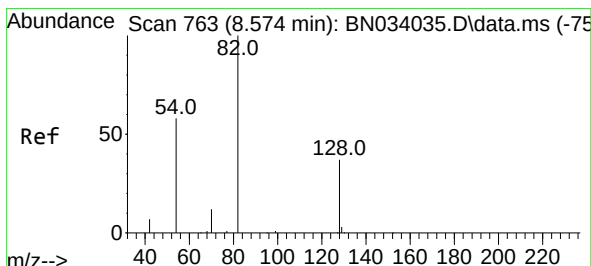
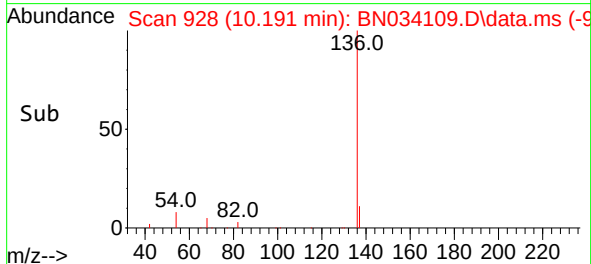
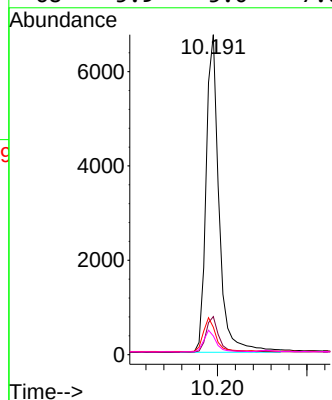
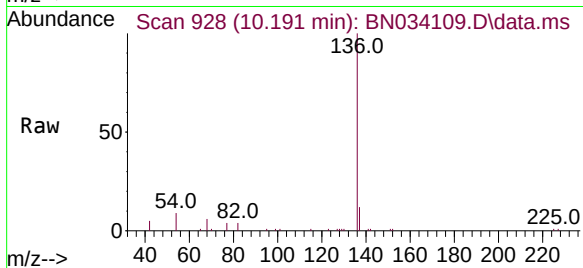




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.191 min Scan# 915
Delta R.T. -0.006 min
Lab File: BN034109.D
Acq: 21 Sep 2024 05:05

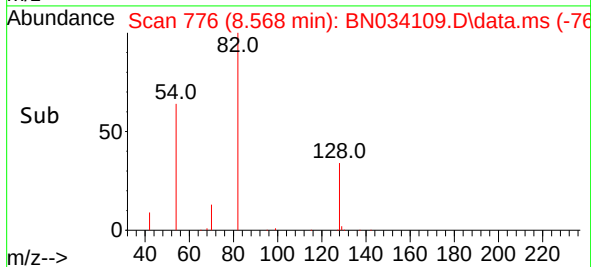
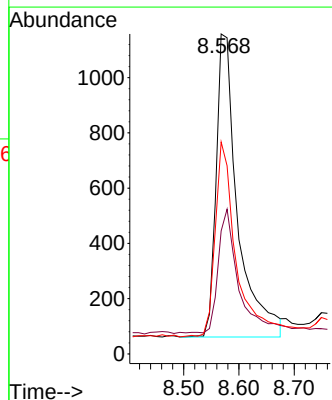
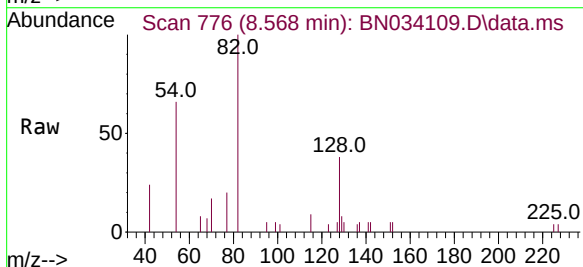
Instrument :
BNA_N
ClientSampleId :
RE126D3-20240913

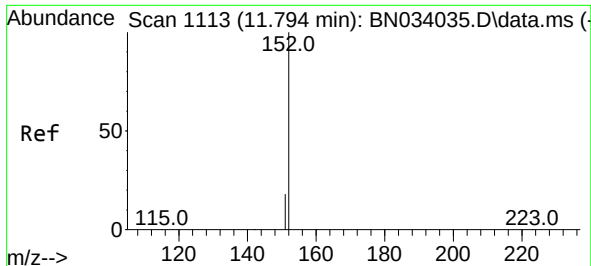
Tgt Ion:	136	Resp:	13528
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.0	13.6
54	8.6	6.8	10.2
68	5.9	5.0	7.6



#8
Nitrobenzene-d5
Concen: 0.287 ng
RT: 8.568 min Scan# 776
Delta R.T. -0.006 min
Lab File: BN034109.D
Acq: 21 Sep 2024 05:05

Tgt Ion:	82	Resp:	2975
Ion	Ratio	Lower	Upper
82	100		
128	38.4	31.4	47.2
54	66.2	47.4	71.0

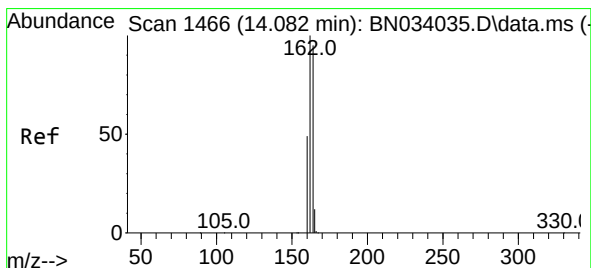
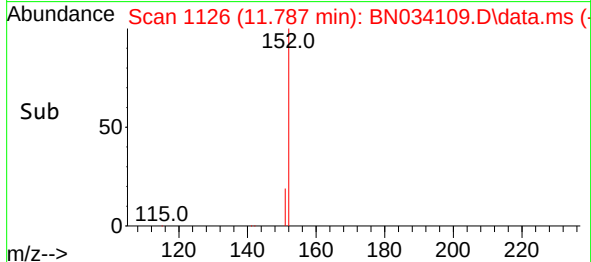
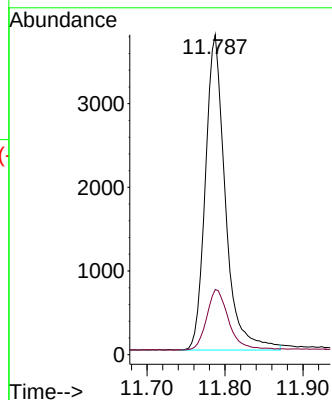
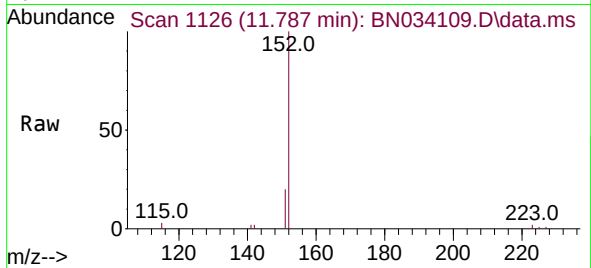




#11
2-Methylnaphthalene-d10
Concen: 0.335 ng
RT: 11.787 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BN034109.D
Acq: 21 Sep 2024 05:05

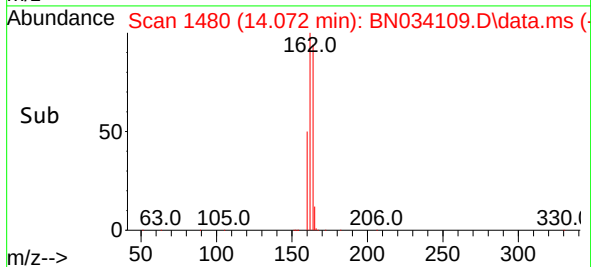
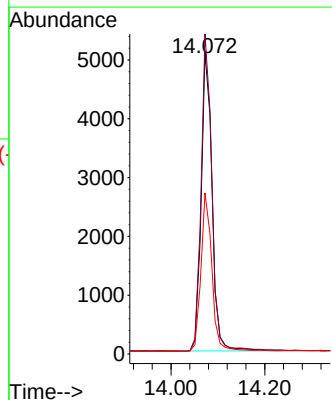
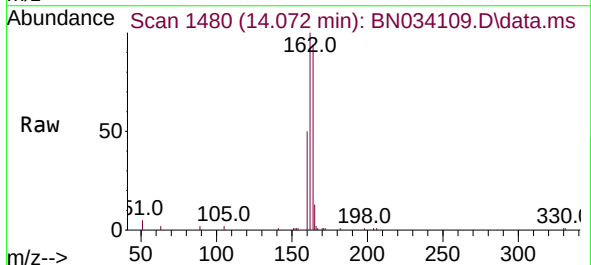
Instrument :
BNA_N
ClientSampleId :
RE126D3-20240913

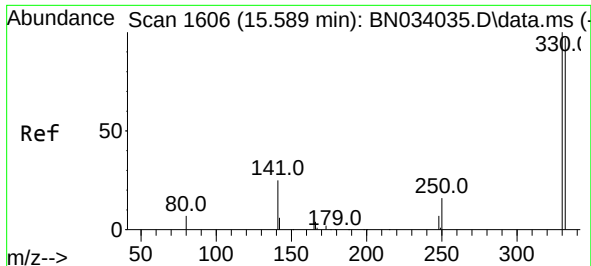
Tgt Ion:152 Resp: 6702
Ion Ratio Lower Upper
152 100
151 21.1 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.072 min Scan# 1480
Delta R.T. -0.009 min
Lab File: BN034109.D
Acq: 21 Sep 2024 05:05

Tgt Ion:164 Resp: 8188
Ion Ratio Lower Upper
164 100
162 106.2 84.2 126.2
160 53.4 41.7 62.5

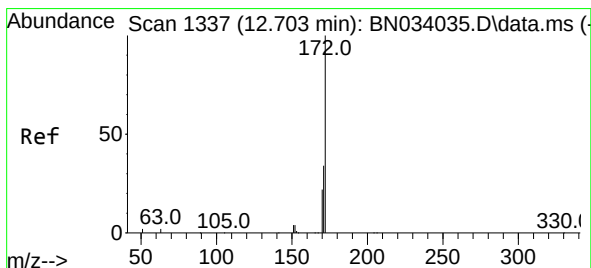
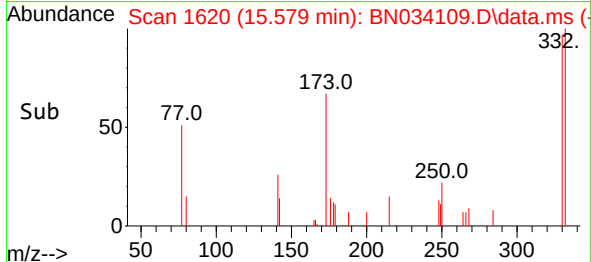
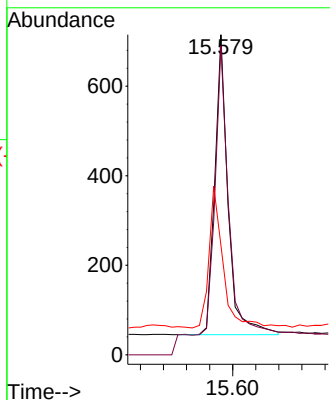
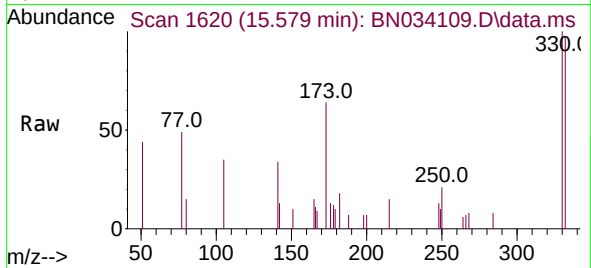




#14
2,4,6-Tribromophenol
Concen: 0.289 ng
RT: 15.579 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN034109.D
Acq: 21 Sep 2024 05:05

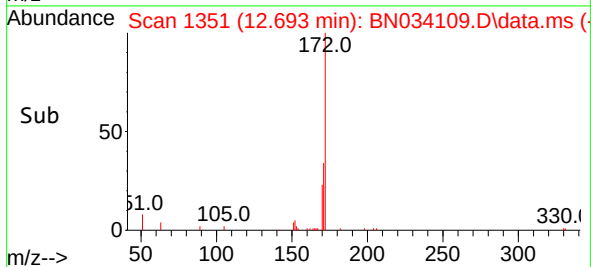
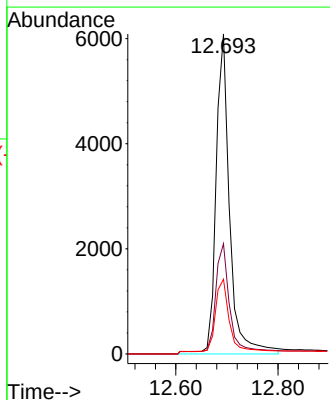
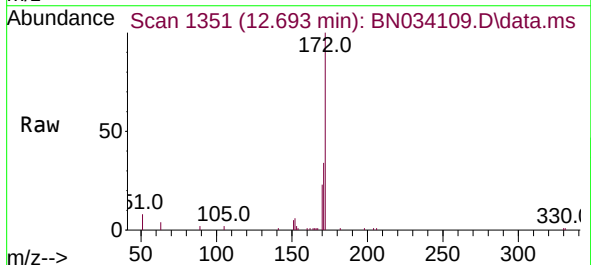
Instrument :
BNA_N
ClientSampleId :
RE126D3-20240913

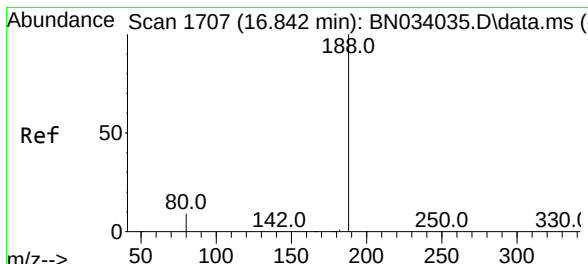
Tgt Ion: 330 Resp: 1073
Ion Ratio Lower Upper
330 100
332 96.6 77.4 116.0
141 50.3 35.9 53.9



#15
2-Fluorobiphenyl
Concen: 0.325 ng
RT: 12.693 min Scan# 1351
Delta R.T. -0.009 min
Lab File: BN034109.D
Acq: 21 Sep 2024 05:05

Tgt Ion: 172 Resp: 10823
Ion Ratio Lower Upper
172 100
171 34.4 27.3 40.9
170 23.3 18.1 27.1

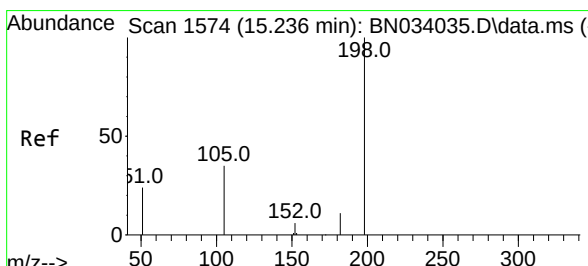
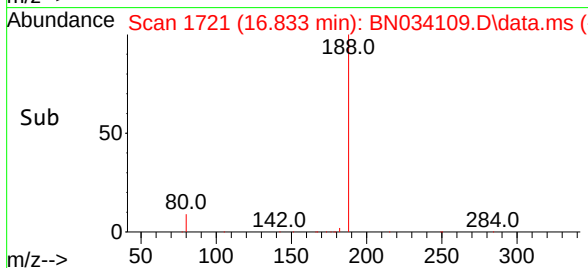
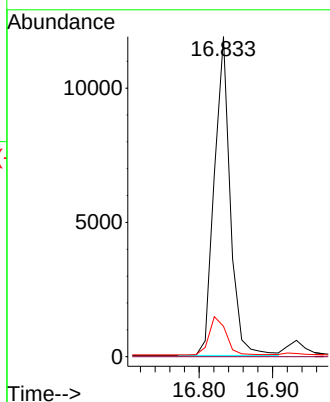
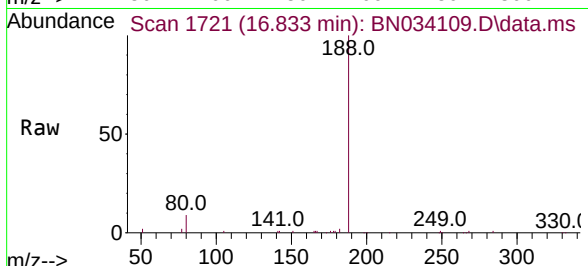




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.833 min Scan# 17837
Delta R.T. -0.009 min
Lab File: BN034109.D
Acq: 21 Sep 2024 05:05

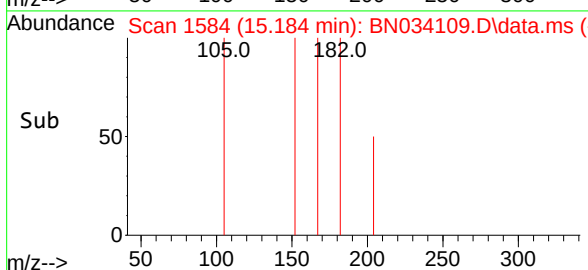
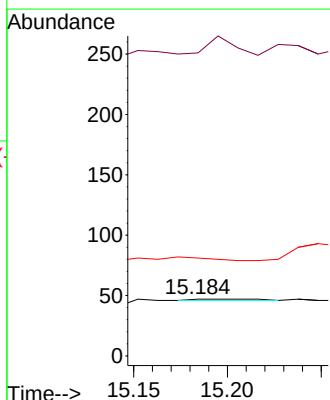
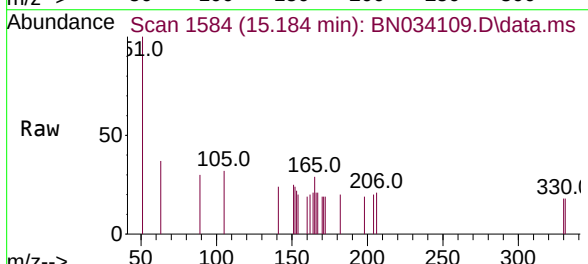
Instrument :
BNA_N
ClientSampleId :
RE126D3-20240913

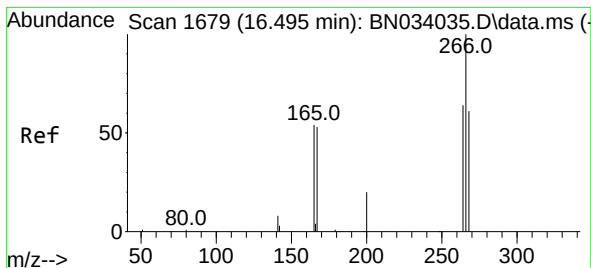
Tgt Ion:	188	Resp:	17837
Ion Ratio	100	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.5	7.4	11.0



#20
4,6-Dinitro-2-methylphenol
Concen: 0.139 ng
RT: 15.184 min Scan# 1584
Delta R.T. -0.052 min
Lab File: BN034109.D
Acq: 21 Sep 2024 05:05

Tgt Ion:	198	Resp:	3
Ion Ratio	100	Lower	Upper
198	100		
51	534.0	106.4	159.6#
105	172.3	38.5	57.7#





#24

Pentachlorophenol

Concen: 0.569 ng

RT: 16.486 min Scan# 1693

Delta R.T. -0.009 min

Lab File: BN034109.D

Acq: 21 Sep 2024 05:05

Instrument :

BNA_N

ClientSampleId :

RE126D3-20240913

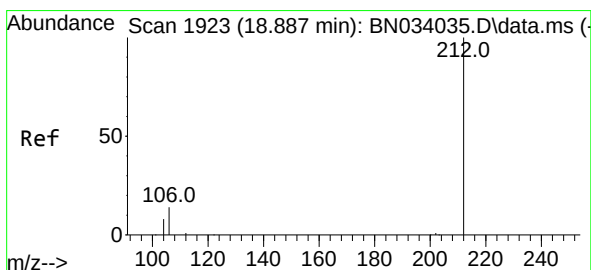
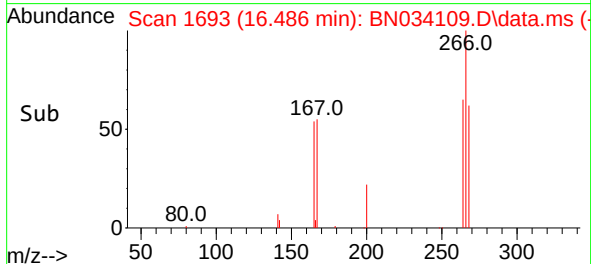
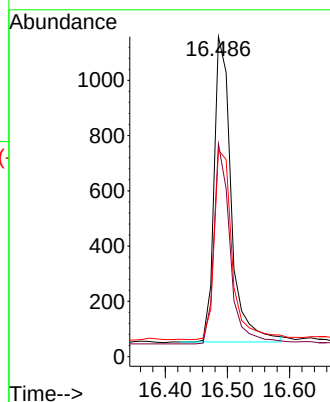
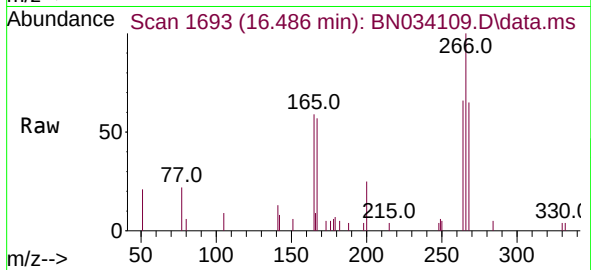
Tgt Ion:266 Resp: 2116

Ion Ratio Lower Upper

266 100

264 62.0 50.2 75.2

268 64.7 51.0 76.4



#27

Fluoranthene-d10

Concen: 0.399 ng

RT: 18.876 min Scan# 1935

Delta R.T. -0.011 min

Lab File: BN034109.D

Acq: 21 Sep 2024 05:05

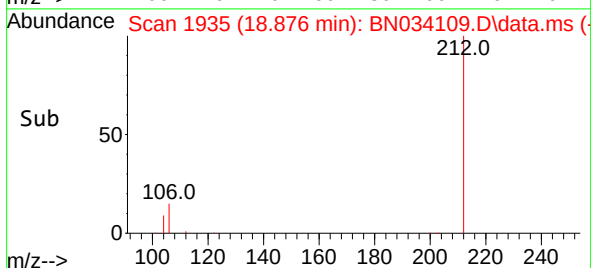
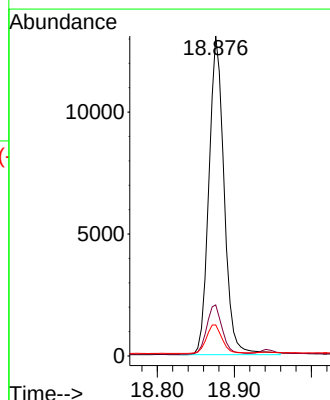
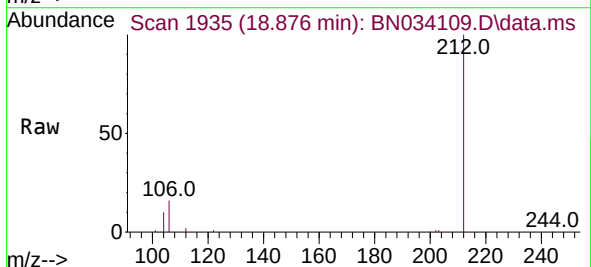
Tgt Ion:212 Resp: 17963

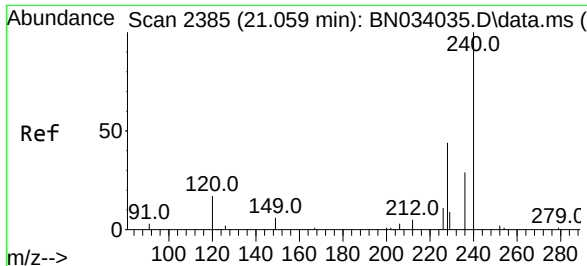
Ion Ratio Lower Upper

212 100

106 15.7 13.4 20.2

104 9.3 7.8 11.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.053 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN034109.D

Acq: 21 Sep 2024 05:05

Instrument :

BNA_N

ClientSampleId :

RE126D3-20240913

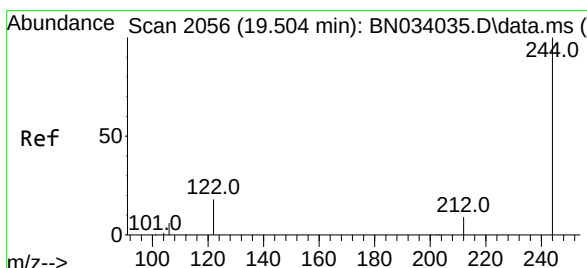
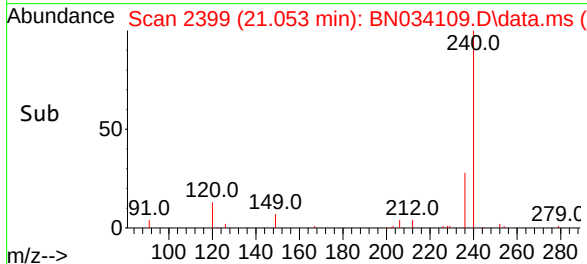
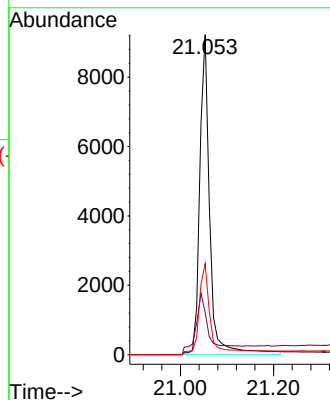
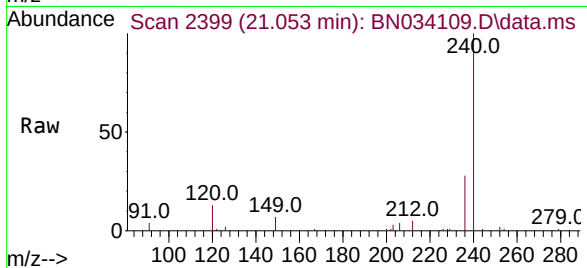
Tgt Ion:240 Resp: 13159

Ion Ratio Lower Upper

240 100

120 13.2 13.5 20.3#

236 28.5 23.4 35.0



#31

Terphenyl-d14

Concen: 0.461 ng

RT: 19.494 min Scan# 2068

Delta R.T. -0.011 min

Lab File: BN034109.D

Acq: 21 Sep 2024 05:05

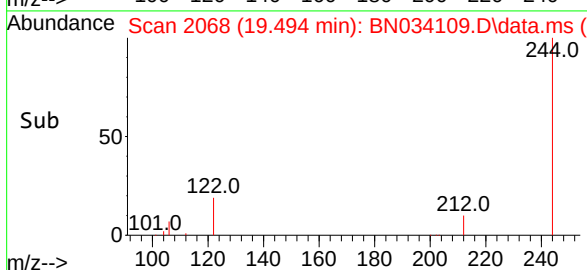
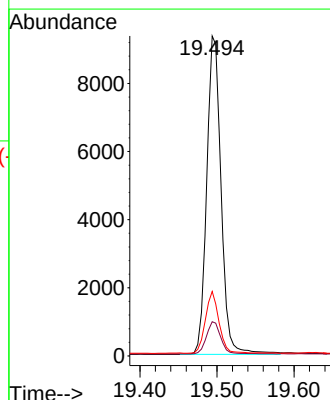
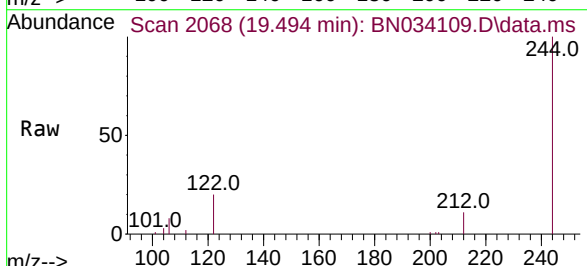
Tgt Ion:244 Resp: 12123

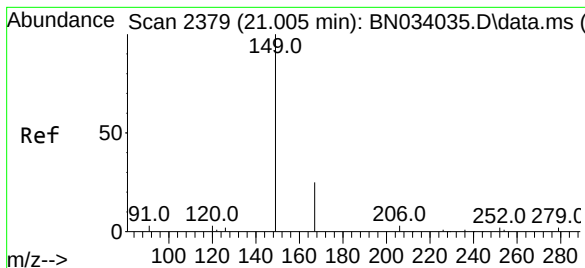
Ion Ratio Lower Upper

244 100

212 10.7 7.8 11.6

122 20.1 14.8 22.2

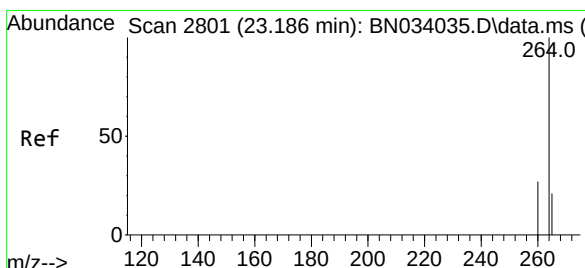
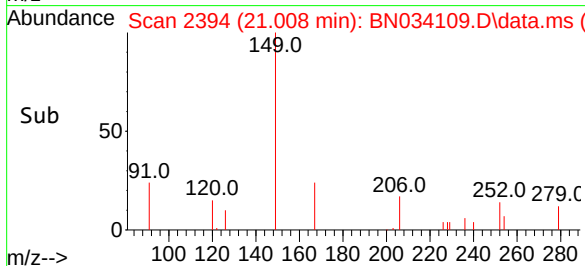
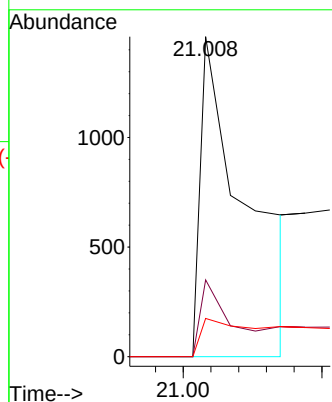
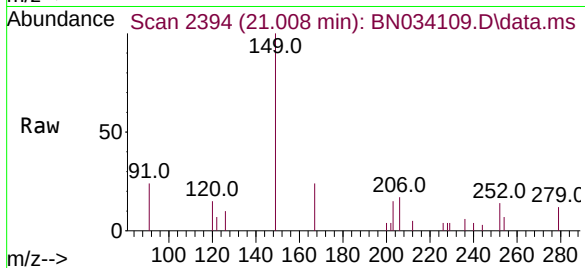




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.088 ng
RT: 21.008 min Scan# 21
Delta R.T. 0.003 min
Lab File: BN034109.D
Acq: 21 Sep 2024 05:05

Instrument :
BNA_N
ClientSampleId :
RE126D3-20240913

Tgt Ion:149 Resp: 1522
Ion Ratio Lower Upper
149 100
167 16.3 19.9 29.9#
279 11.8 4.6 6.8#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.171 min Scan# 2812
Delta R.T. -0.015 min
Lab File: BN034109.D
Acq: 21 Sep 2024 05:05

Tgt Ion:264 Resp: 10167
Ion Ratio Lower Upper
264 100
260 27.0 21.7 32.5
265 69.7 52.1 78.1

