

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
 Data File : BF139489.D
 Acq On : 20 Sep 2024 03:28
 Operator : RC/JU
 Sample : P4087-13RE
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-614-COMP-03

Quant Time: Sep 20 05:10:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

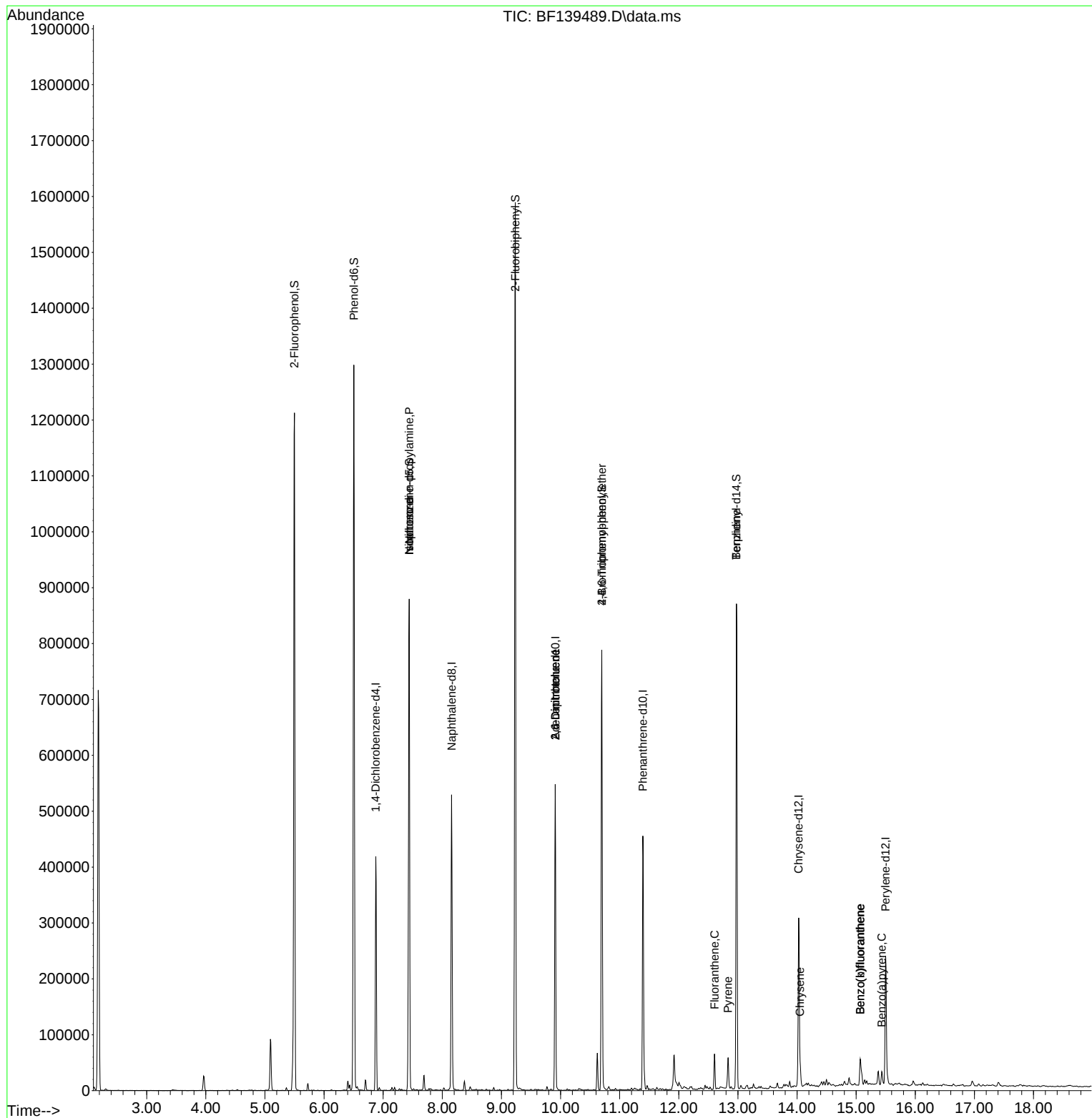
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	80727	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	301964	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	155903	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	239967	20.000	ng	# 0.00
76) Chrysene-d12	14.027	240	128613	20.000	ng	0.00
86) Perylene-d12	15.498	264	132950	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	404421	81.726	ng	0.00
7) Phenol-d6	6.504	99	552273	85.028	ng	0.00
23) Nitrobenzene-d5	7.440	82	372944	58.062	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	115180	69.395	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	686301	61.740	ng	0.00
79) Terphenyl-d14	12.975	244	417455	53.277	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.440	70	52548	13.652	ng	# 75
25) Isophorone	7.440	82	371474	36.568	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	19823	8.745	ng	# 15
57) 2,4-Dinitrotoluene	9.910	165	19823	6.477	ng	# 16
67) 4-Bromophenyl-phenylether	10.698	248	8158	3.431	ng	# 1
75) Fluoranthene	12.604	202	35388	2.862	ng	98
77) Benzidine	12.975	184	6091	3.306	ng	# 92
78) Pyrene	12.833	202	33209	3.007	ng	98
83) Chrysene	14.051	228	21224	2.708	ng	97
88) Benzo(b)fluoranthene	15.069	252	39122	4.771	ng	# 98
89) Benzo(k)fluoranthene	15.069	252	39122	5.175	ng	# 98
90) Benzo(a)pyrene	15.433	252	14735	2.167	ng	98

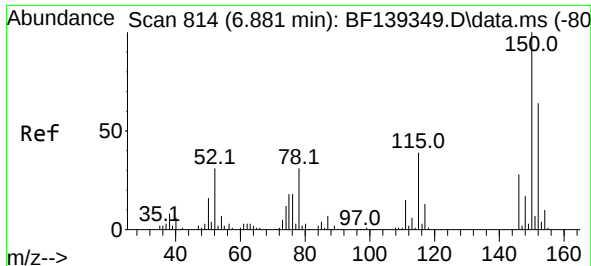
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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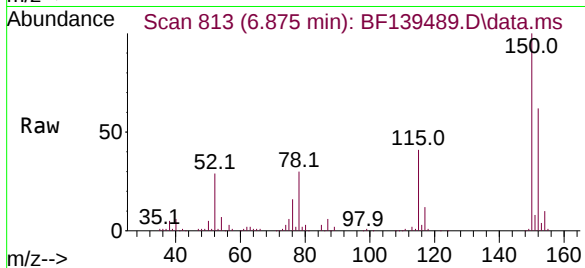
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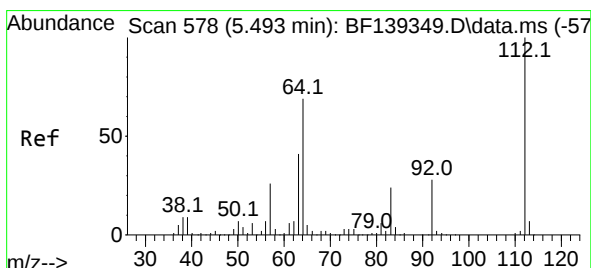
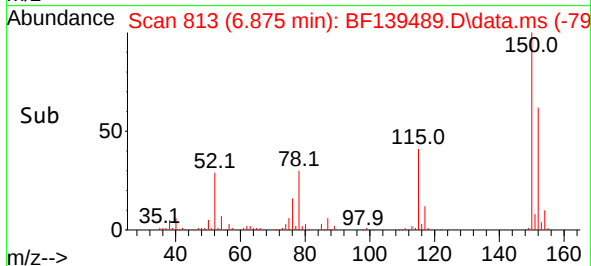
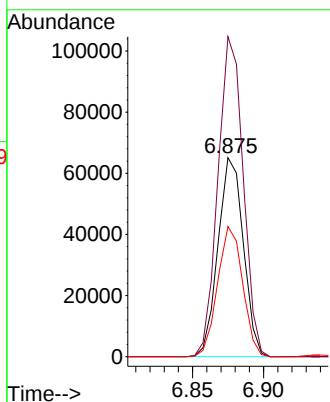


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139489.D
Acq: 20 Sep 2024 03:28

Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-03

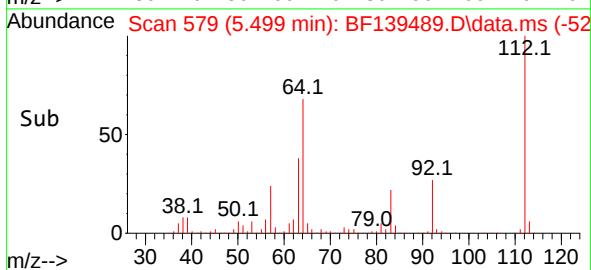
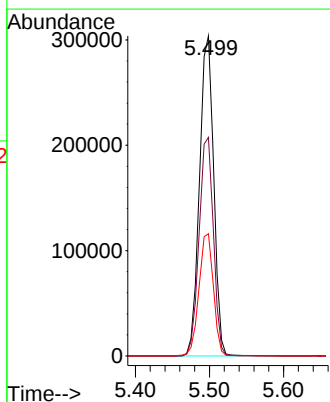
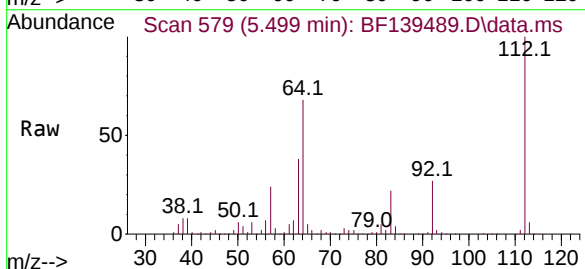


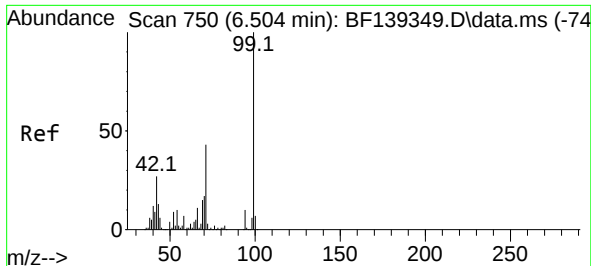
Tgt Ion:152 Resp: 80727
Ion Ratio Lower Upper
152 100
150 160.8 124.1 186.1
115 65.4 48.1 72.1



#5
2-Fluorophenol
Concen: 81.726 ng
RT: 5.499 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF139489.D
Acq: 20 Sep 2024 03:28

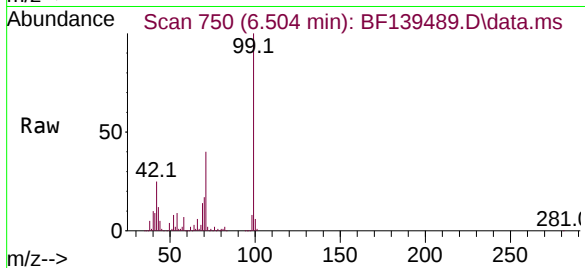
Tgt Ion:112 Resp: 404421
Ion Ratio Lower Upper
112 100
64 68.3 54.8 82.2
63 38.2 33.0 49.4



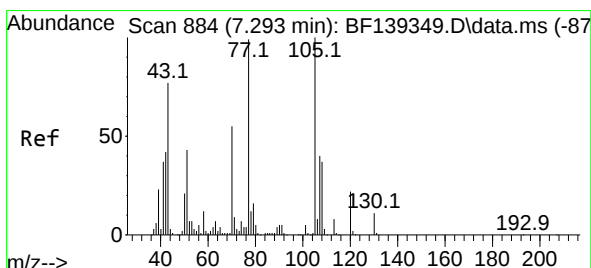
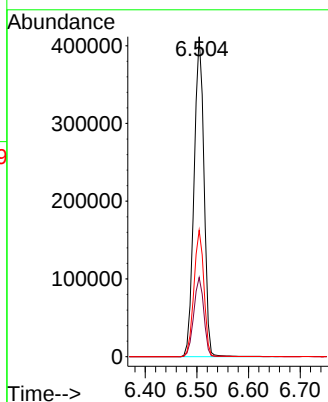
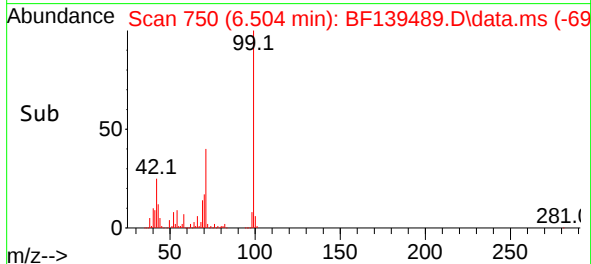


#7
Phenol-d6
Concen: 85.028 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF139489.D
Acq: 20 Sep 2024 03:28

Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-03

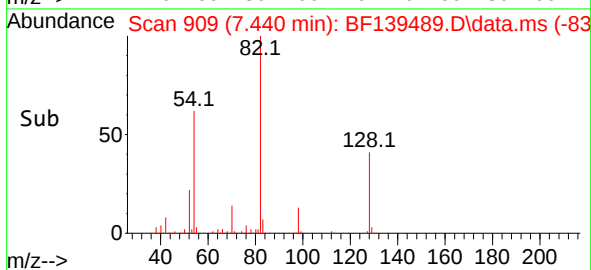
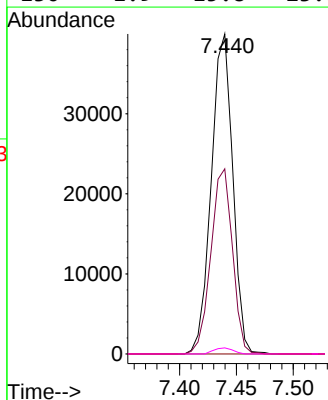
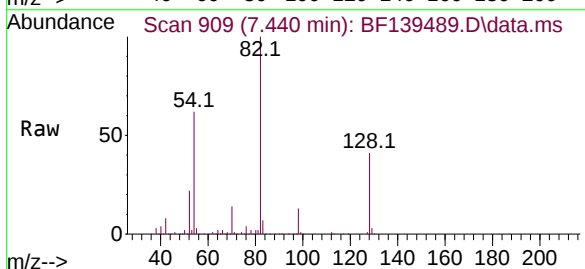


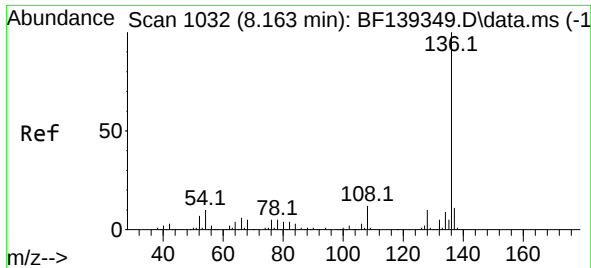
Tgt Ion: 99 Resp: 552273
Ion Ratio Lower Upper
99 100
42 24.7 21.9 32.9
71 39.5 34.6 52.0



#19
n-Nitroso-di-n-propylamine
Concen: 13.652 ng
RT: 7.440 min Scan# 909
Delta R.T. 0.147 min
Lab File: BF139489.D
Acq: 20 Sep 2024 03:28

Tgt Ion: 70 Resp: 52548
Ion Ratio Lower Upper
70 100
42 57.8 61.2 91.8#
101 0.0 7.5 11.3#
130 1.9 15.8 23.8#

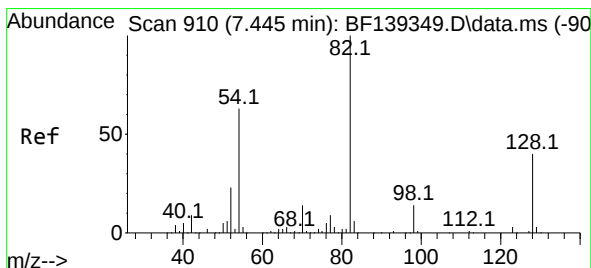
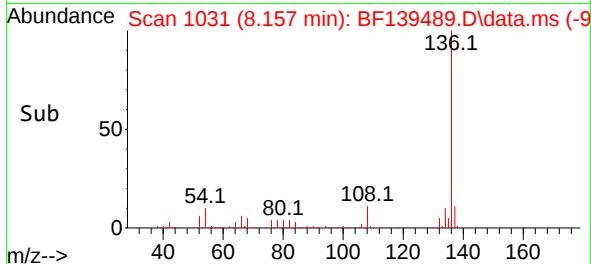
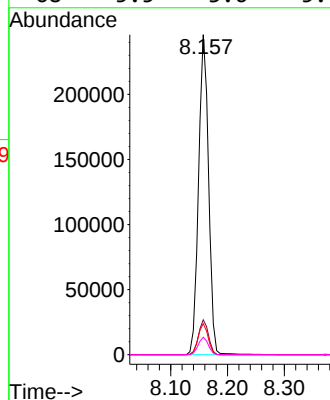
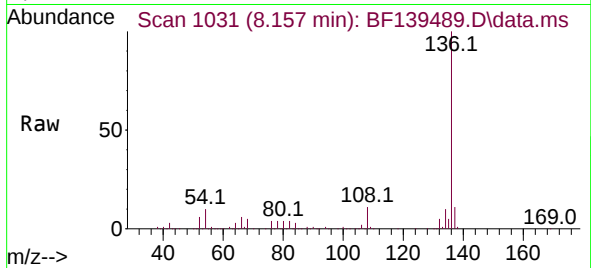




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139489.D
Acq: 20 Sep 2024 03:28

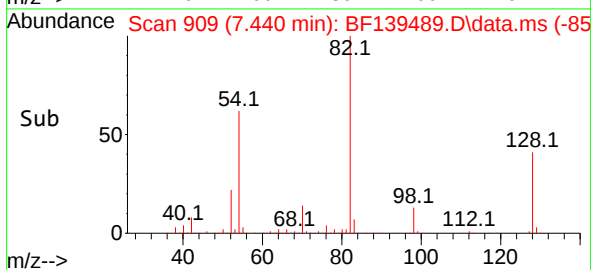
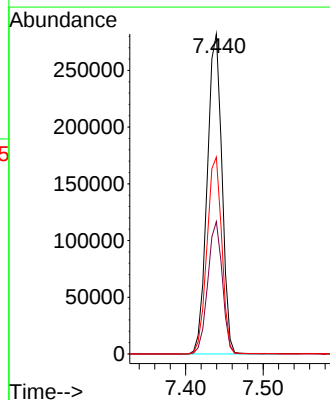
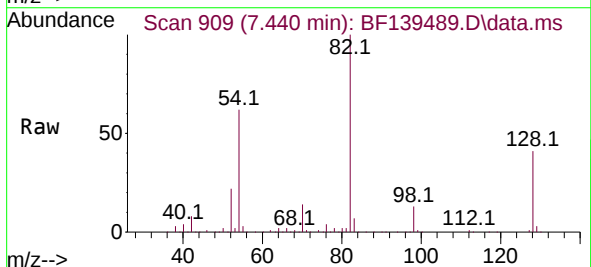
Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-03

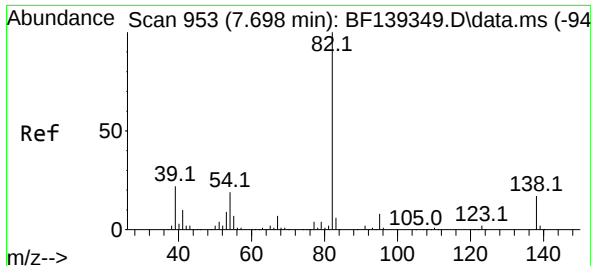
Tgt Ion:136 Resp: 301964
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.7 7.8 11.8
68 5.5 3.6 5.4#



#23
Nitrobenzene-d5
Concen: 58.062 ng
RT: 7.440 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF139489.D
Acq: 20 Sep 2024 03:28

Tgt Ion: 82 Resp: 372944
Ion Ratio Lower Upper
82 100
128 41.4 31.8 47.6
54 61.5 50.6 75.8

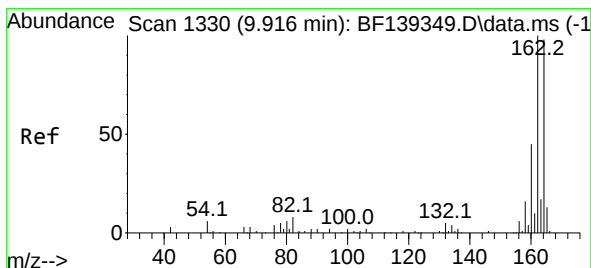
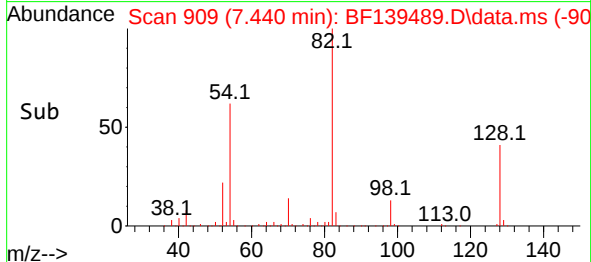
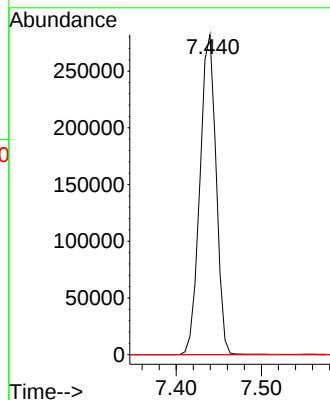
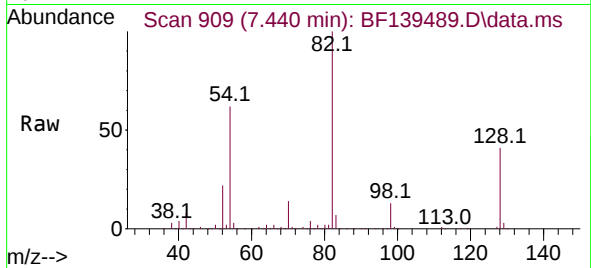




#25
Isophorone
Concen: 36.568 ng
RT: 7.440 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF139489.D
Acq: 20 Sep 2024 03:28

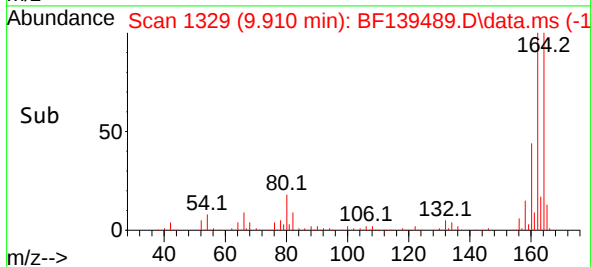
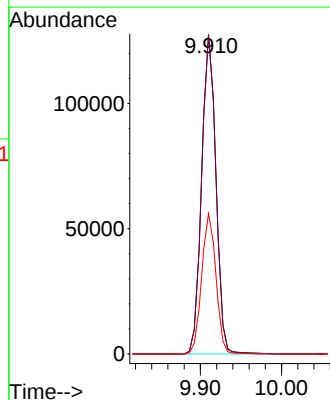
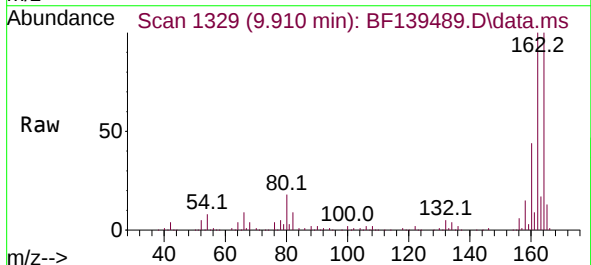
Instrument :
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ClientSampleId :
NB-614-COMP-03

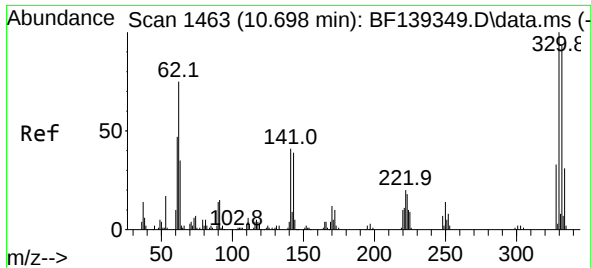
Tgt Ion: 82 Resp: 371474
Ion Ratio Lower Upper
82 100
95 0.0 6.7 10.1#
138 0.0 13.3 19.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139489.D
Acq: 20 Sep 2024 03:28

Tgt Ion:164 Resp: 155903
Ion Ratio Lower Upper
164 100
162 99.9 81.3 121.9
160 43.8 36.4 54.6

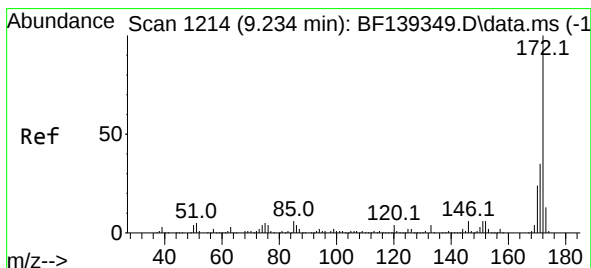
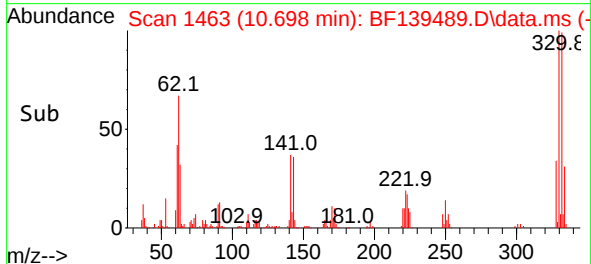
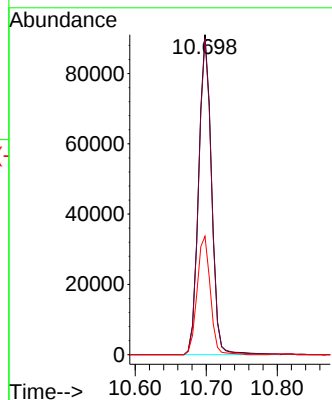
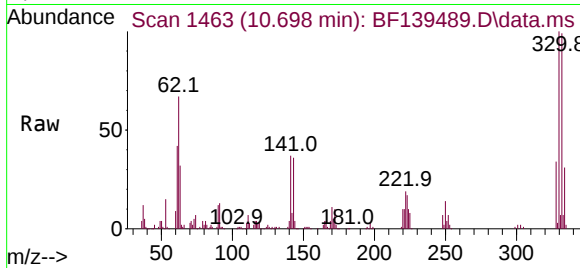




#42
2,4,6-Tribromophenol
Concen: 69.395 ng
RT: 10.698 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF139489.D
Acq: 20 Sep 2024 03:28

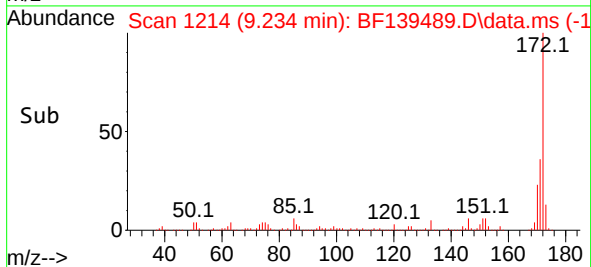
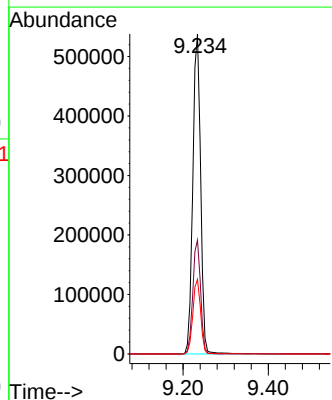
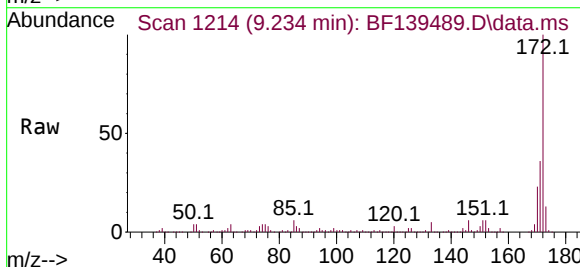
Instrument :
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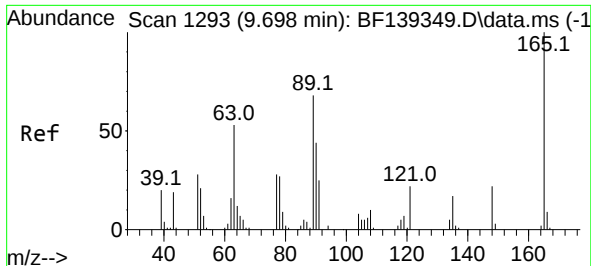
Tgt Ion:330 Resp: 115180
Ion Ratio Lower Upper
330 100
332 98.7 75.2 112.8
141 37.7 31.2 46.8



#45
2-Fluorobiphenyl
Concen: 61.740 ng
RT: 9.234 min Scan# 1214
Delta R.T. 0.000 min
Lab File: BF139489.D
Acq: 20 Sep 2024 03:28

Tgt Ion:172 Resp: 686301
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.3 19.0 28.6

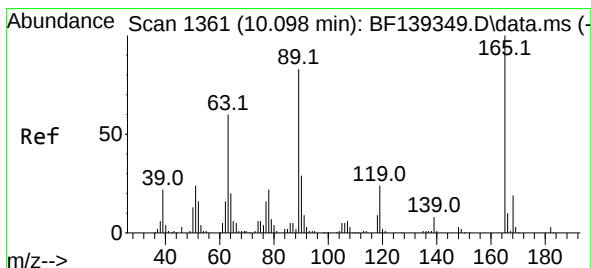
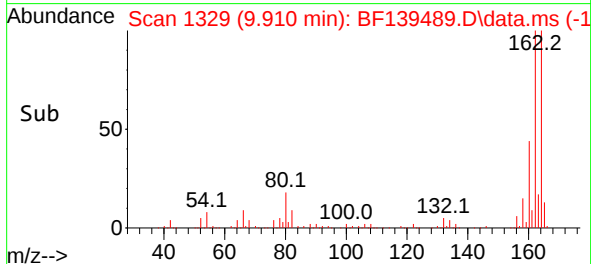
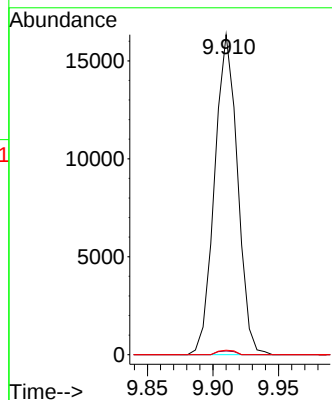
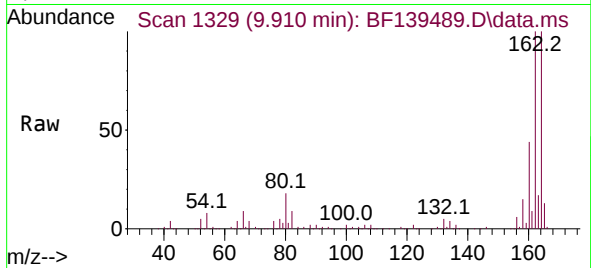




#51
2,6-Dinitrotoluene
Concen: 8.745 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139489.D
Acq: 20 Sep 2024 03:28

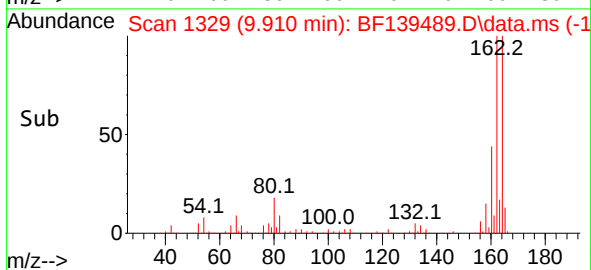
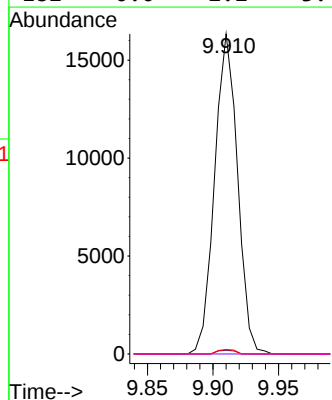
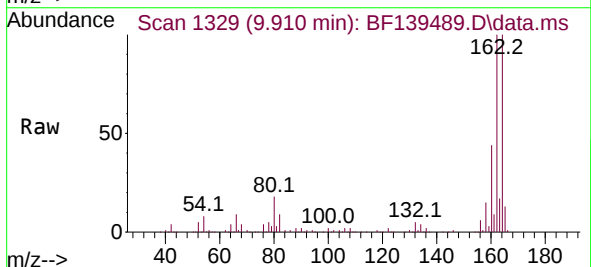
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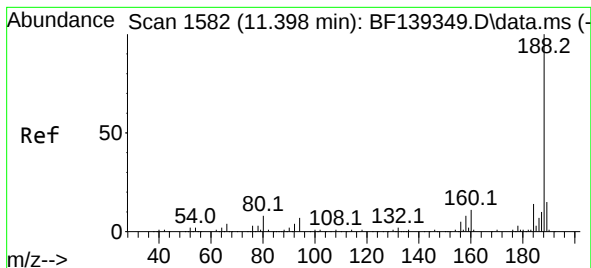
Tgt Ion:165 Resp: 19823
Ion Ratio Lower Upper
165 100
63 1.1 60.9 91.3#
89 1.4 54.7 82.1#



#57
2,4-Dinitrotoluene
Concen: 6.477 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF139489.D
Acq: 20 Sep 2024 03:28

Tgt Ion:165 Resp: 19823
Ion Ratio Lower Upper
165 100
63 1.1 47.8 71.6#
89 1.4 66.7 100.1#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139489.D

Acq: 20 Sep 2024 03:28

Instrument :

BNA_F

ClientSampleId :

NB-614-COMP-03

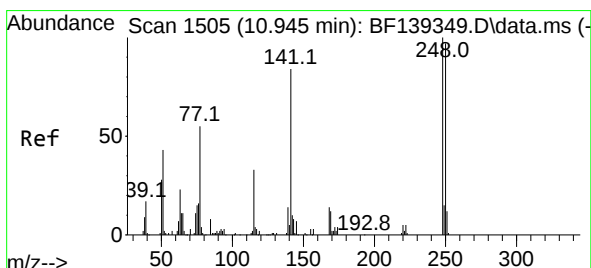
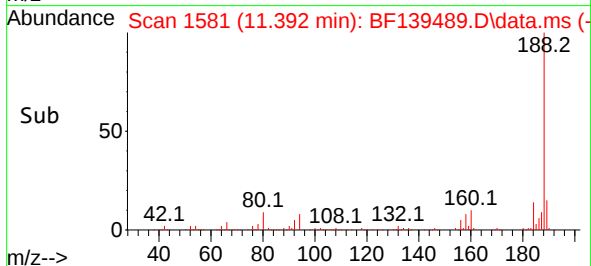
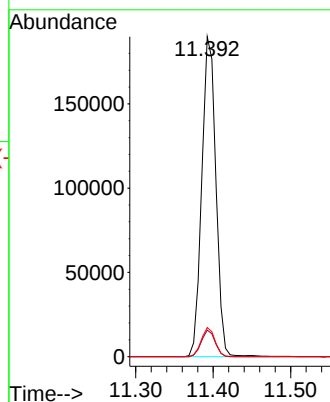
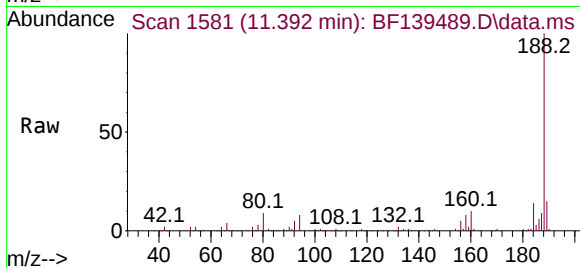
Tgt Ion:188 Resp: 239967

Ion Ratio Lower Upper

188 100

94 8.3 5.5 8.3#

80 9.1 6.6 9.8



#67

4-Bromophenyl-phenylether

Concen: 3.431 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF139489.D

Acq: 20 Sep 2024 03:28

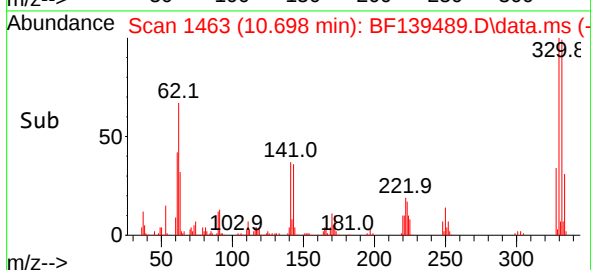
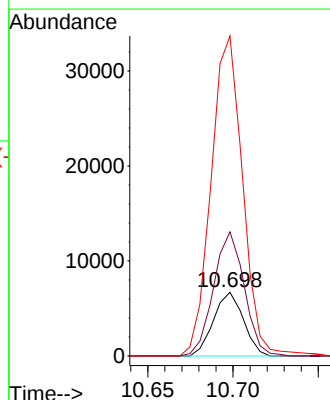
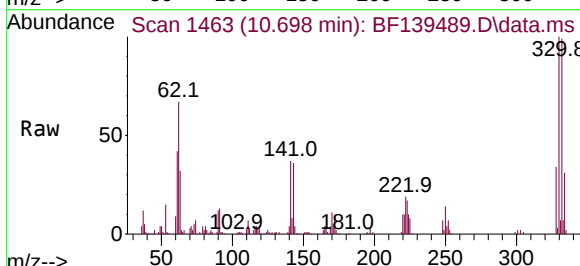
Tgt Ion:248 Resp: 8158

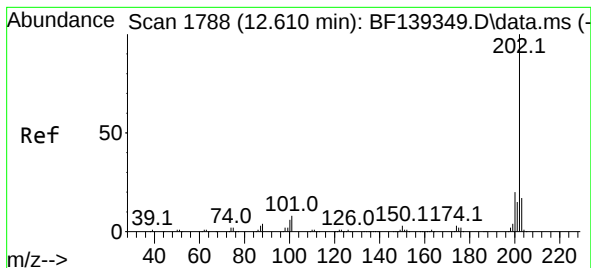
Ion Ratio Lower Upper

248 100

250 195.1 77.6 116.4#

141 503.0 66.9 100.3#





#75

Fluoranthene

Concen: 2.862 ng

RT: 12.604 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139489.D

Acq: 20 Sep 2024 03:28

Instrument :

BNA_F

ClientSampleId :

NB-614-COMP-03

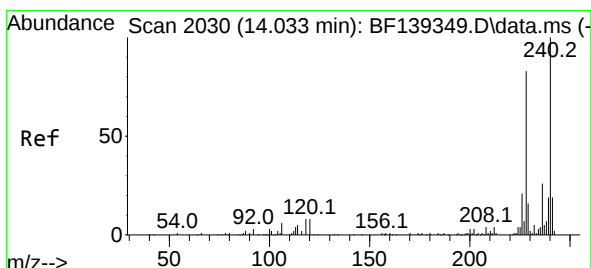
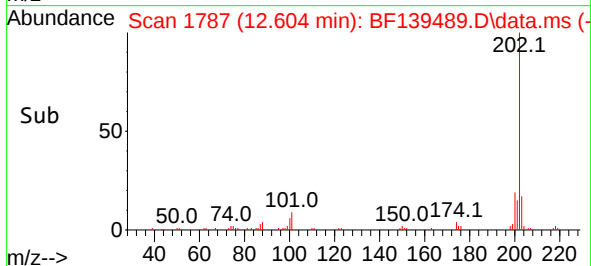
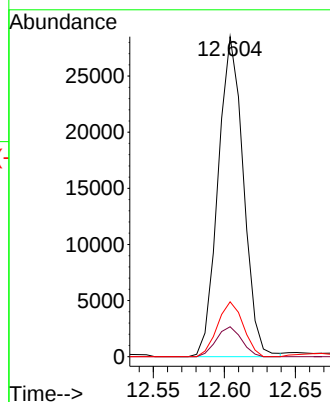
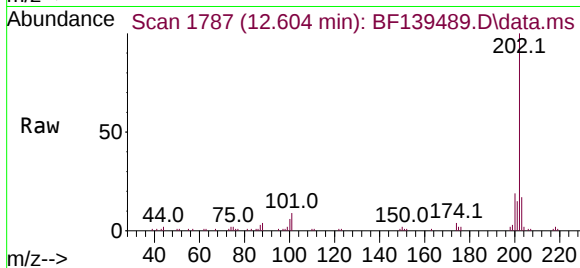
Tgt Ion:202 Resp: 35388

Ion Ratio Lower Upper

202 100

101 9.4 0.0 27.7

203 17.1 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF139489.D

Acq: 20 Sep 2024 03:28

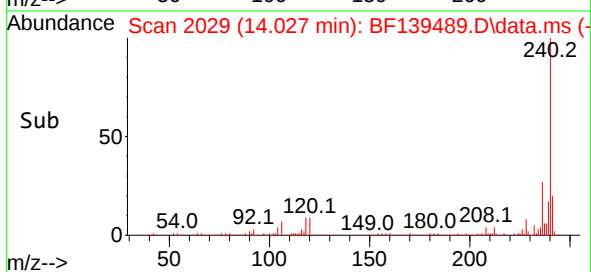
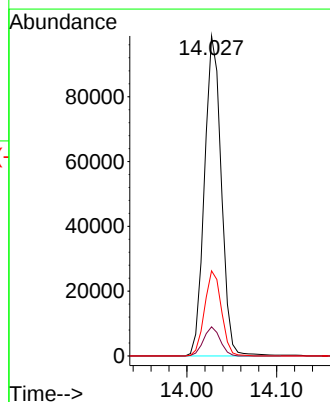
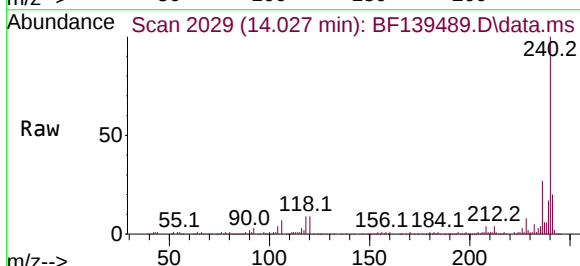
Tgt Ion:240 Resp: 128613

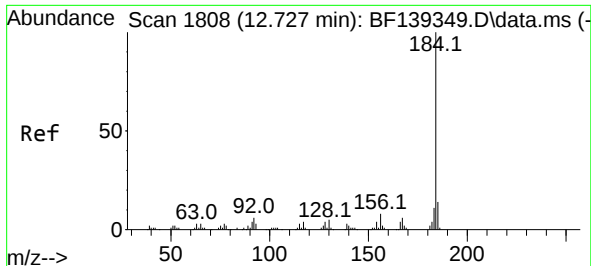
Ion Ratio Lower Upper

240 100

120 9.1 6.2 9.2

236 26.6 20.9 31.3

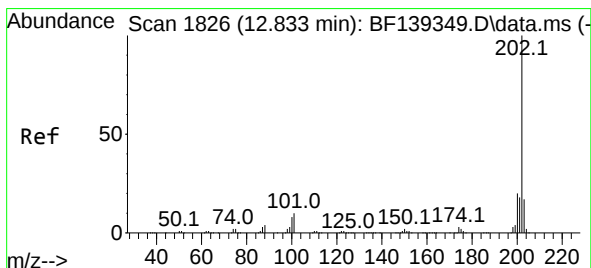
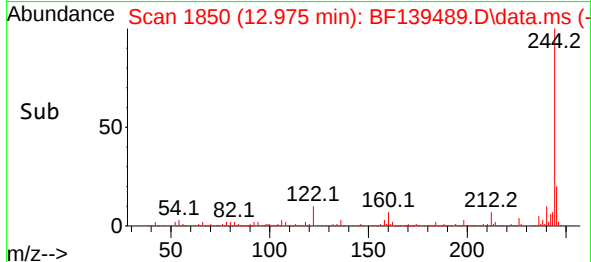
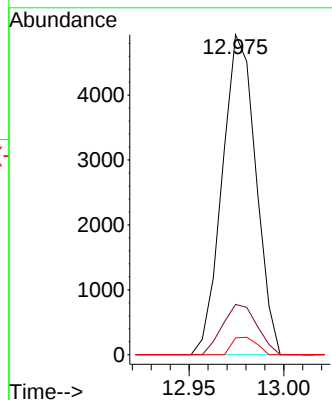
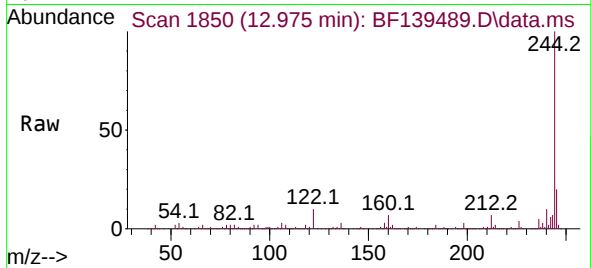




#77
Benzidine
Concen: 3.306 ng
RT: 12.975 min Scan# 1850
Delta R.T. 0.247 min
Lab File: BF139489.D
Acq: 20 Sep 2024 03:28

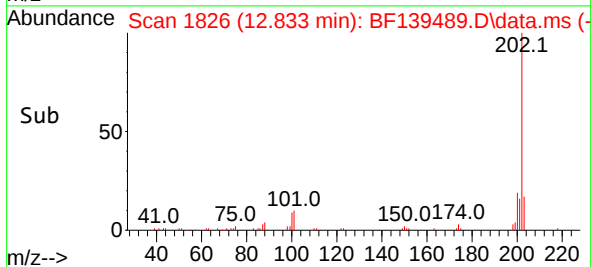
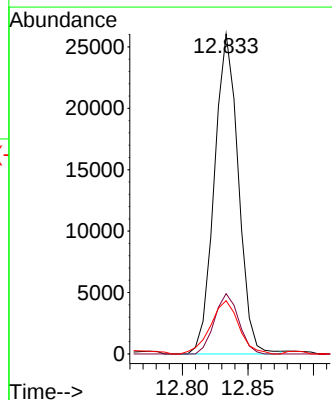
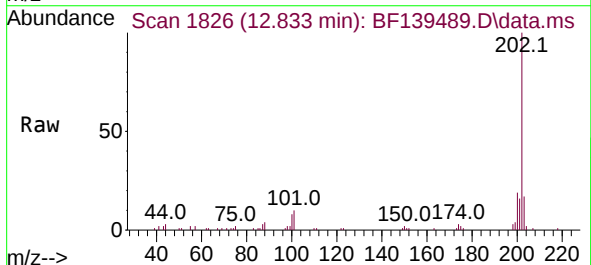
Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-03

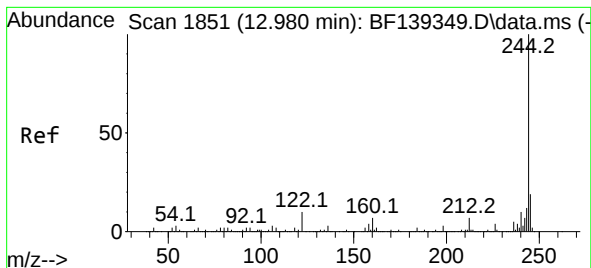
Tgt Ion:184 Resp: 6091
Ion Ratio Lower Upper
184 100
185 15.7 11.5 17.3
183 5.3 8.9 13.3#



#78
Pyrene
Concen: 3.007 ng
RT: 12.833 min Scan# 1826
Delta R.T. 0.000 min
Lab File: BF139489.D
Acq: 20 Sep 2024 03:28

Tgt Ion:202 Resp: 33209
Ion Ratio Lower Upper
202 100
200 18.9 16.2 24.2
203 16.7 13.9 20.9





#79

Terphenyl-d14

Concen: 53.277 ng

RT: 12.975 min Scan# 1850

Delta R.T. -0.006 min

Lab File: BF139489.D

Acq: 20 Sep 2024 03:28

Instrument :

BNA_F

ClientSampleId :

NB-614-COMP-03

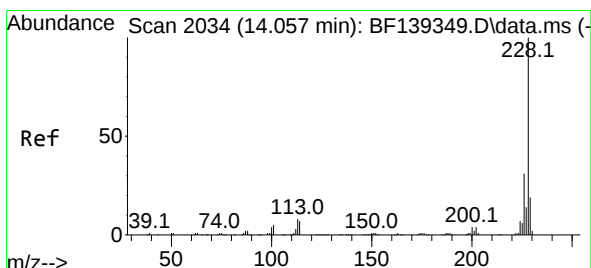
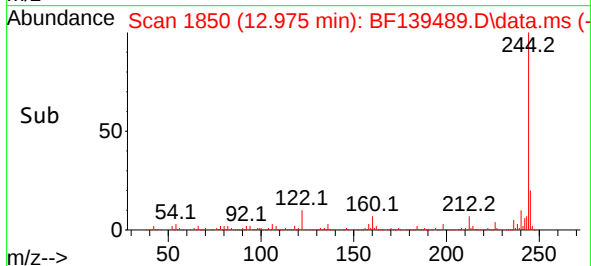
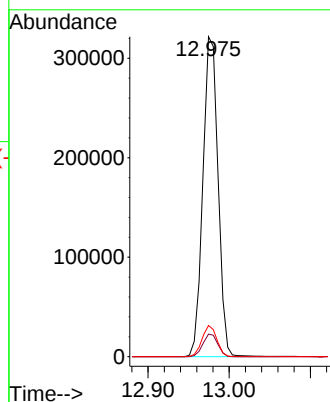
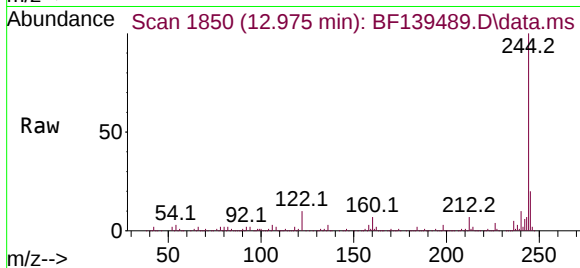
Tgt Ion:244 Resp: 417455

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

122 9.8 7.6 11.4



#83

Chrysene

Concen: 2.708 ng

RT: 14.051 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BF139489.D

Acq: 20 Sep 2024 03:28

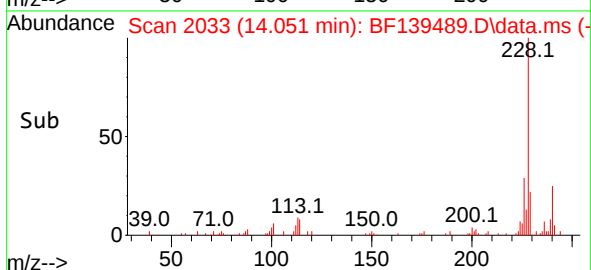
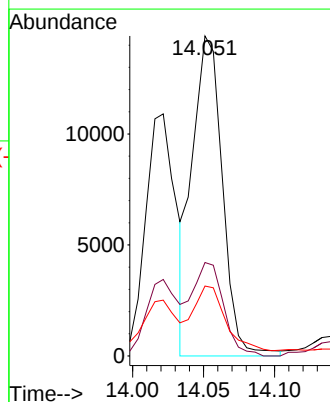
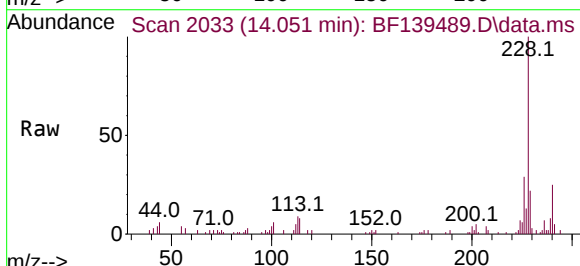
Tgt Ion:228 Resp: 21224

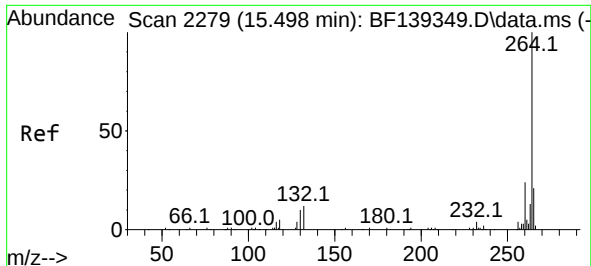
Ion Ratio Lower Upper

228 100

226 29.2 24.1 36.1

229 21.8 15.4 23.0

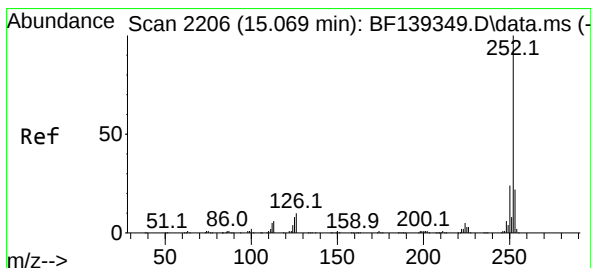
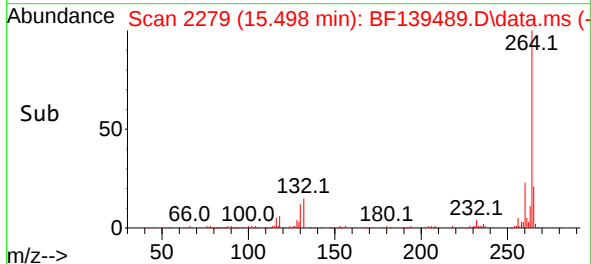
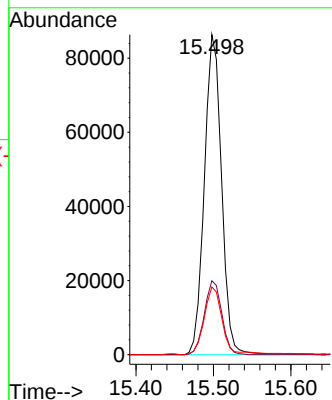
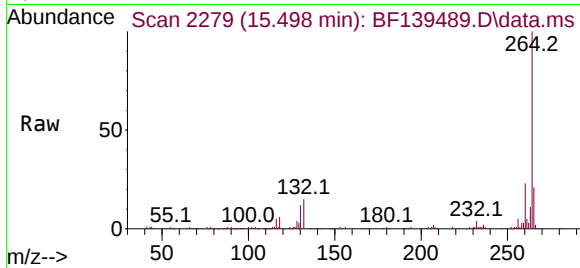




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF139489.D
 Acq: 20 Sep 2024 03:28

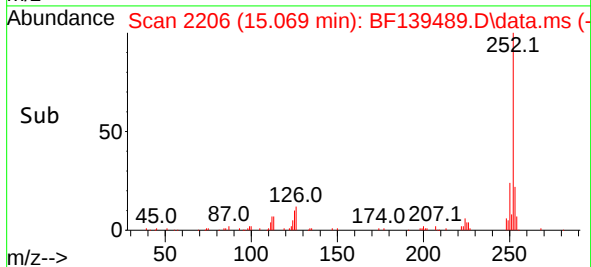
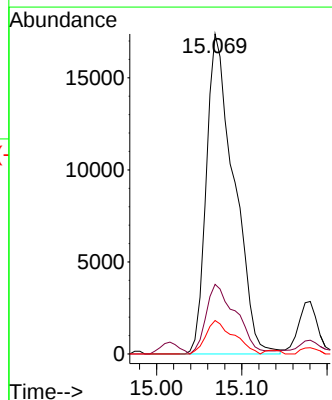
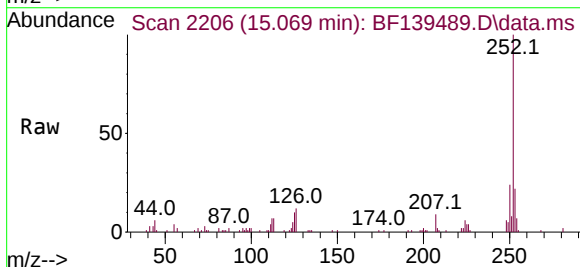
Instrument :
 BNA_F
 ClientSampleId :
 NB-614-COMP-03

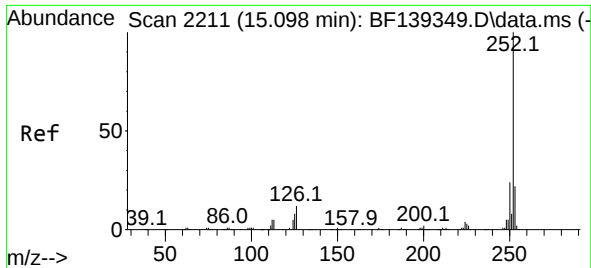
Tgt Ion:264 Resp: 132950
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.5 29.3
 265 21.2 16.6 25.0



#88
 Benzo(b)fluoranthene
 Concen: 4.771 ng
 RT: 15.069 min Scan# 2206
 Delta R.T. 0.000 min
 Lab File: BF139489.D
 Acq: 20 Sep 2024 03:28

Tgt Ion:252 Resp: 39122
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.6 26.4
 125 10.4 6.2 9.2#

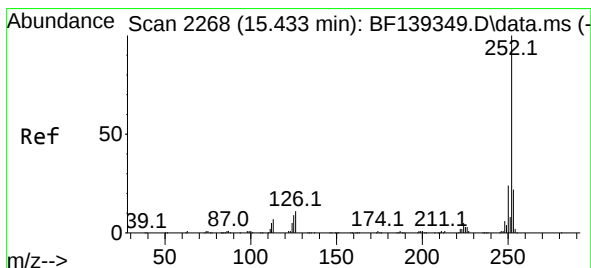
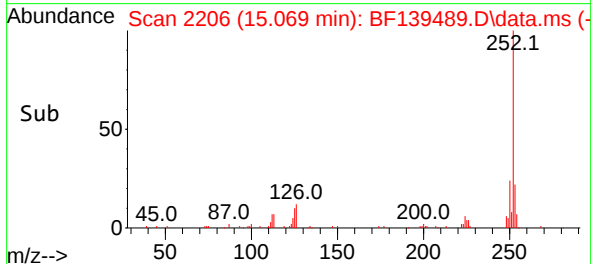
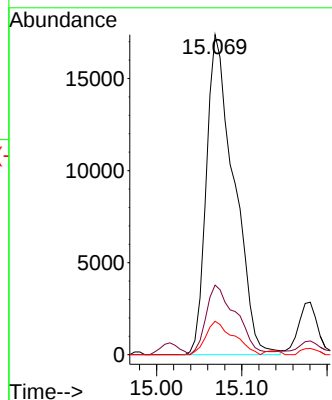
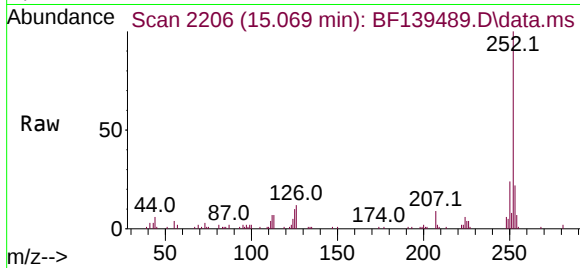




#89
Benzo(k)fluoranthene
Concen: 5.175 ng
RT: 15.069 min Scan# 211
Delta R.T. -0.029 min
Lab File: BF139489.D
Acq: 20 Sep 2024 03:28

Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-03

Tgt Ion:252 Resp: 39122
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 10.4 5.9 8.9#



#90
Benzo(a)pyrene
Concen: 2.167 ng
RT: 15.433 min Scan# 2268
Delta R.T. 0.000 min
Lab File: BF139489.D
Acq: 20 Sep 2024 03:28

Tgt Ion:252 Resp: 14735
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 9.9 6.8 10.2

