

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020724\
 Data File : BF137326.D
 Acq On : 07 Feb 2024 18:06
 Operator : CG\JU
 Sample : P1366-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EB-1-4-6

Quant Time: Feb 08 01:08:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 04:56:22 2024
 Response via : Initial Calibration

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

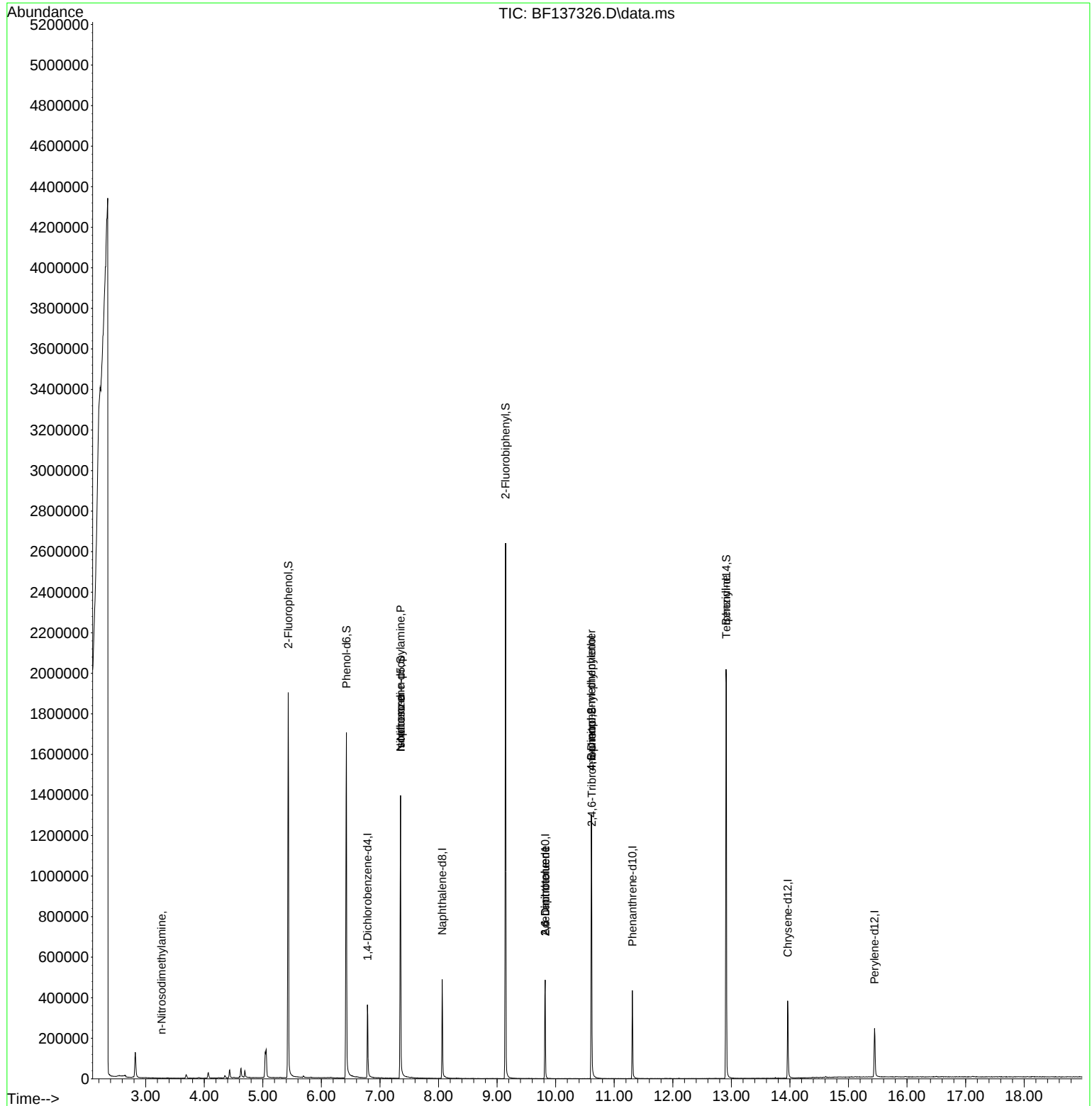
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	55033	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	202536	20.000	ng	-0.01
39) Acenaphthene-d10	9.822	164	102260	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	168630	20.000	ng	0.00
76) Chrysene-d12	13.963	240	144145	20.000	ng	-0.01
86) Perylene-d12	15.445	264	125978	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	498278	149.401	ng	0.02
7) Phenol-d6	6.428	99	591883	124.355	ng	0.00
23) Nitrobenzene-d5	7.351	82	460103	101.708	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	162303	140.537	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	764730	102.802	ng	0.00
79) Terphenyl-d14	12.916	244	792051	74.699	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.269	42	244	6.177	ng	# 1
19) n-Nitroso-di-n-propyla...	7.351	70	62852	19.259	ng	# 79
25) Isophorone	7.351	82	460098	55.102	ng	# 67
51) 2,6-Dinitrotoluene	9.822	165	12452	8.453	ng	# 17
57) 2,4-Dinitrotoluene	9.822	165	12452	6.514	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.610	198	248	5.701	ng	# 1
67) 4-Bromophenyl-phenylether	10.610	248	11040	5.954	ng	# 1
77) Benzidine	12.910	184	9597	3.718	ng	# 95

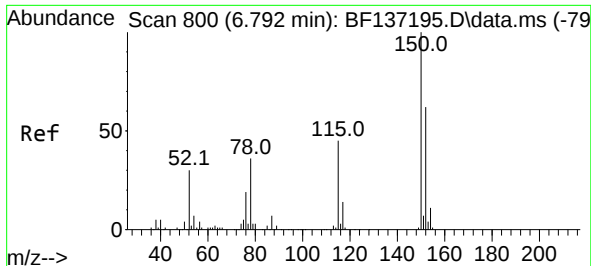
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020724\
Data File : BF137326.D
Acq On : 07 Feb 2024 18:06
Operator : CG\JU
Sample : P1366-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EB-1-4-6

Quant Time: Feb 08 01:08:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 04:56:22 2024
Response via : Initial Calibration

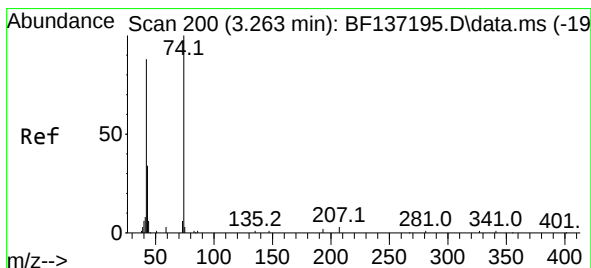
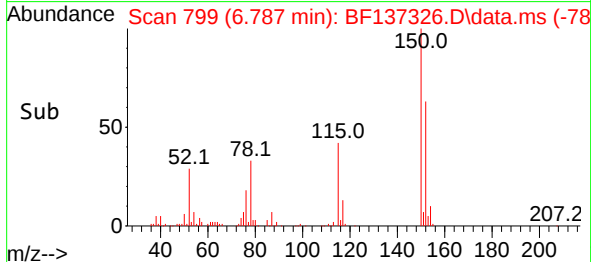
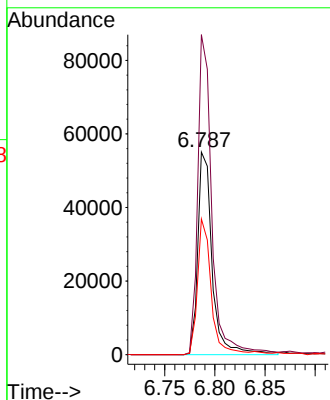
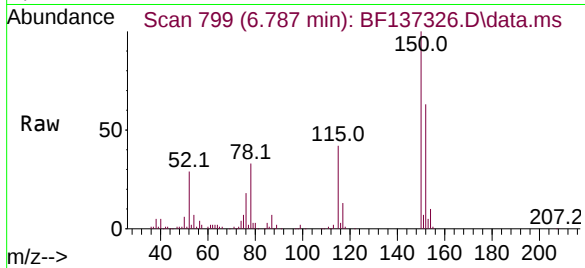




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 799
Delta R.T. -0.005 min
Lab File: BF137326.D
Acq: 07 Feb 2024 18:06

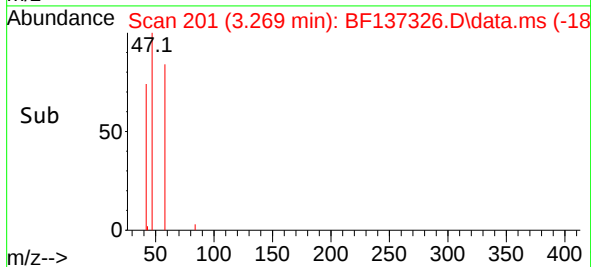
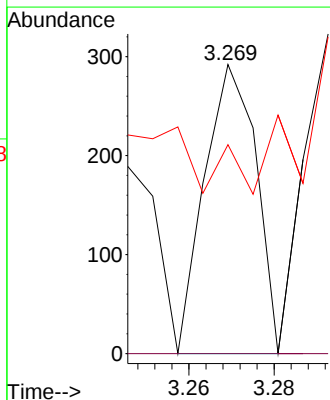
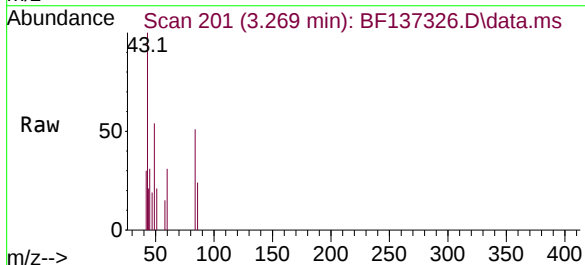
Instrument :
BNA_F
ClientSampleId :
EB-1-4-6

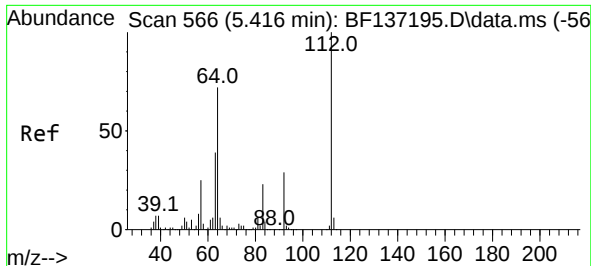
Tgt Ion:152 Resp: 55033
Ion Ratio Lower Upper
152 100
150 158.0 129.8 194.8
115 66.9 58.5 87.7



#4
n-Nitrosodimethylamine
Concen: 6.177 ng
RT: 3.269 min Scan# 201
Delta R.T. 0.006 min
Lab File: BF137326.D
Acq: 07 Feb 2024 18:06

Tgt Ion: 42 Resp: 244
Ion Ratio Lower Upper
42 100
74 0.0 90.5 135.7#
44 72.3 6.1 9.1#

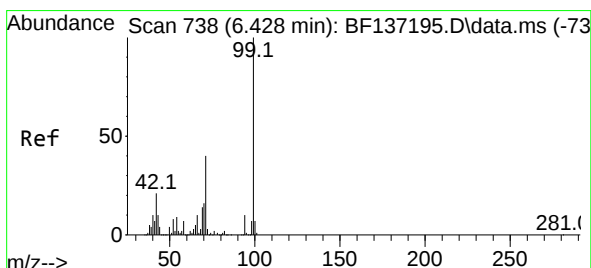
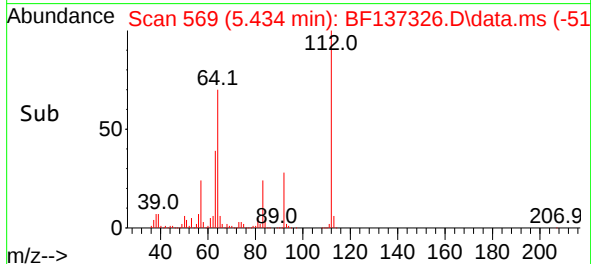
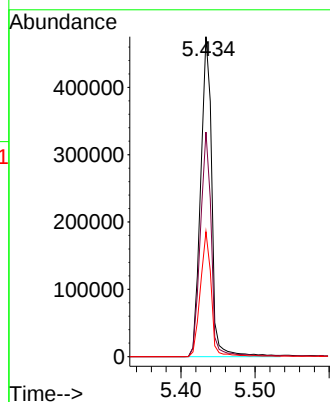
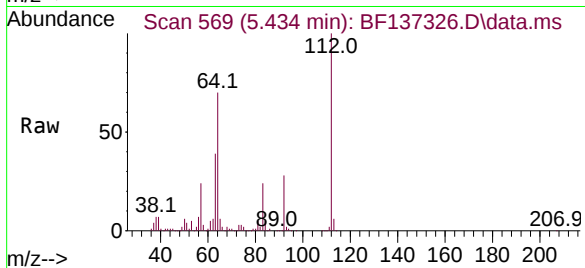




#5
2-Fluorophenol
Concen: 149.401 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.018 min
Lab File: BF137326.D
Acq: 07 Feb 2024 18:06

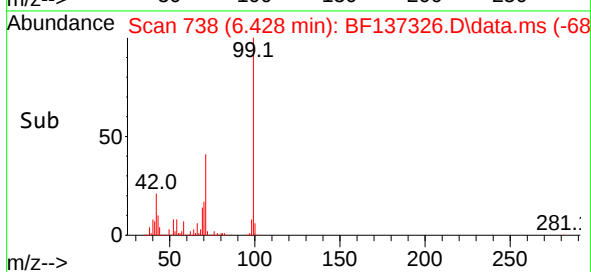
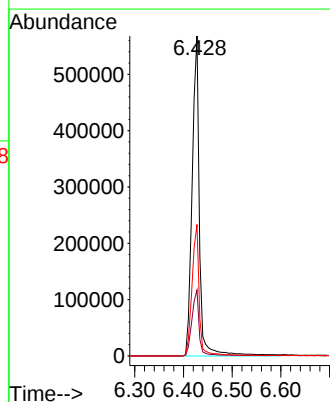
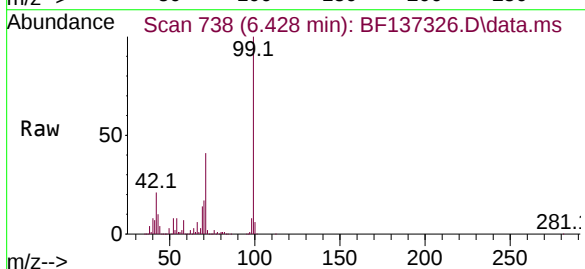
Instrument :
BNA_F
ClientSampleId :
EB-1-4-6

Tgt Ion:112 Resp: 498278
Ion Ratio Lower Upper
112 100
64 70.2 57.8 86.6
63 39.0 31.4 47.0



#7
Phenol-d6
Concen: 124.355 ng
RT: 6.428 min Scan# 738
Delta R.T. 0.000 min
Lab File: BF137326.D
Acq: 07 Feb 2024 18:06

Tgt Ion: 99 Resp: 591883
Ion Ratio Lower Upper
99 100
42 20.6 16.4 24.6
71 41.1 32.4 48.6

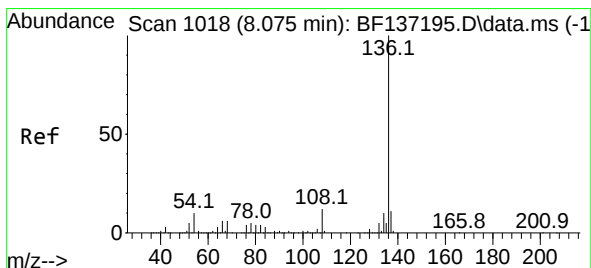
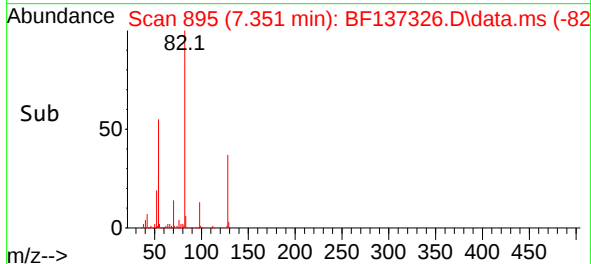
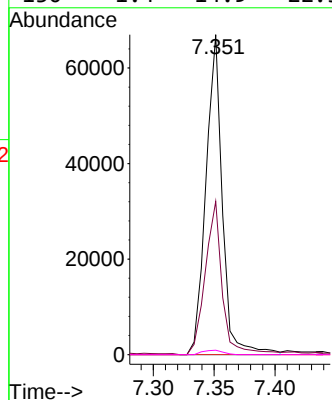
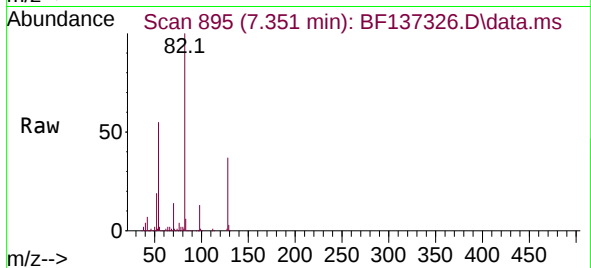




#19
n-Nitroso-di-n-propylamine
Concen: 19.259 ng
RT: 7.351 min Scan# 89
Delta R.T. 0.141 min
Lab File: BF137326.D
Acq: 07 Feb 2024 18:06

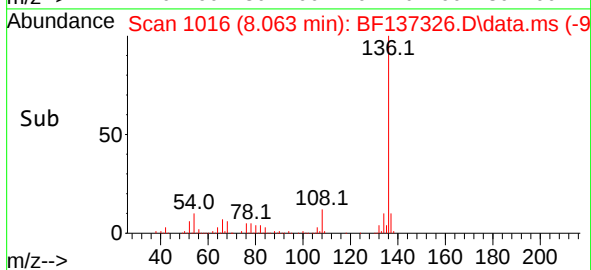
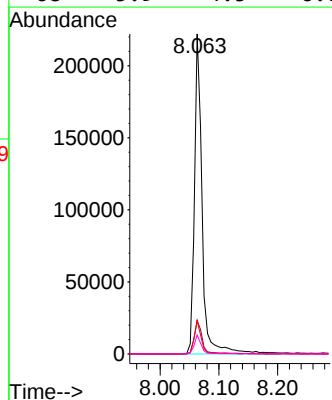
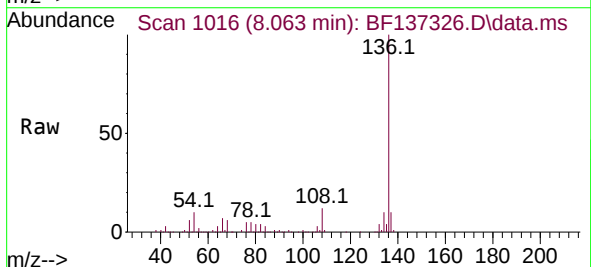
Instrument :
BNA_F
ClientSampleId :
EB-1-4-6

Tgt Ion:	70	Resp:	62852
Ion	Ratio	Lower	Upper
70	100		
42	47.9	47.2	70.8
101	0.0	7.4	11.0#
130	1.4	14.9	22.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF137326.D
Acq: 07 Feb 2024 18:06

Tgt Ion:	136	Resp:	202536
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	10.3	7.8	11.8
68	5.9	4.5	6.7

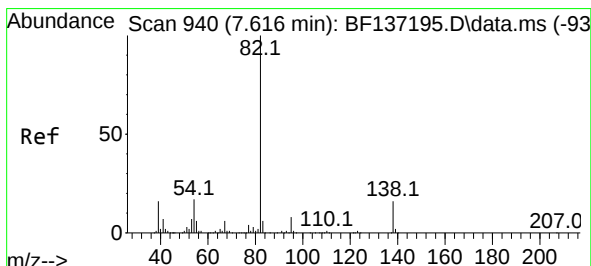
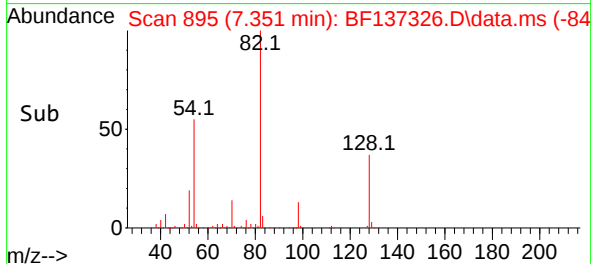
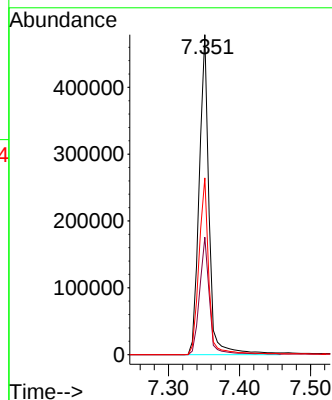
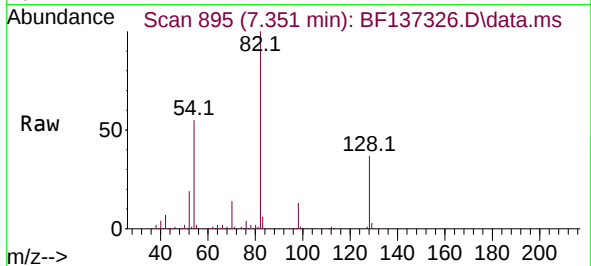




#23
Nitrobenzene-d5
Concen: 101.708 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF137326.D
Acq: 07 Feb 2024 18:06

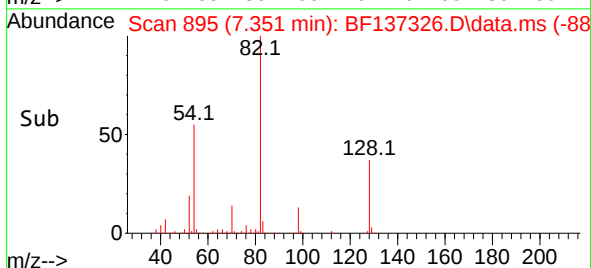
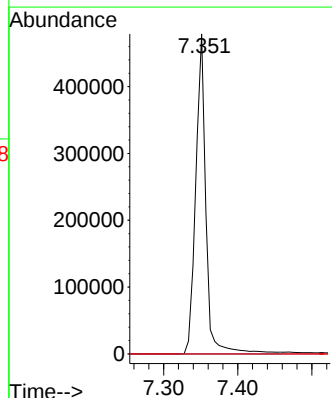
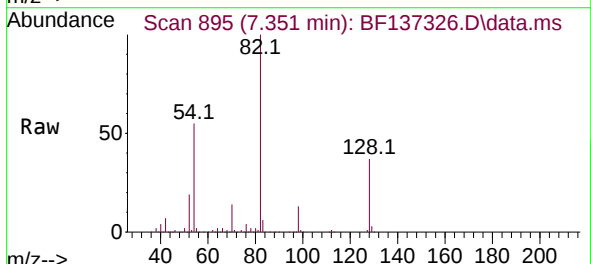
Instrument :
BNA_F
ClientSampleId :
EB-1-4-6

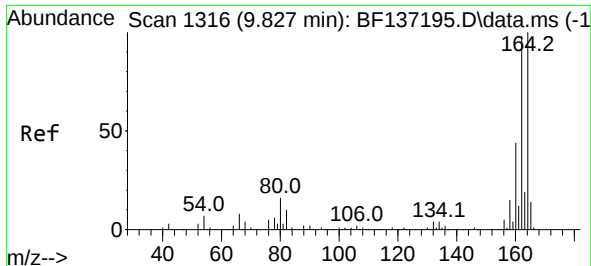
Tgt Ion: 82 Resp: 460103
Ion Ratio Lower Upper
82 100
128 36.7 29.1 43.7
54 55.2 45.0 67.6



#25
Isophorone
Concen: 55.102 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF137326.D
Acq: 07 Feb 2024 18:06

Tgt Ion: 82 Resp: 460098
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 12.7 19.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1316

Delta R.T. -0.005 min

Lab File: BF137326.D

Acq: 07 Feb 2024 18:06

Instrument :

BNA_F

ClientSampleId :

EB-1-4-6

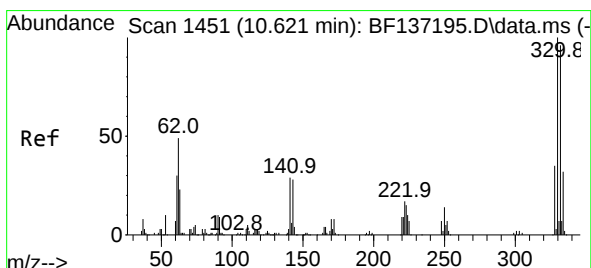
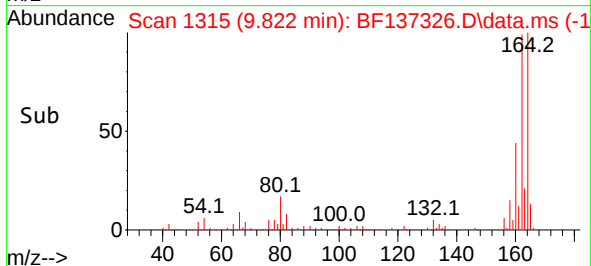
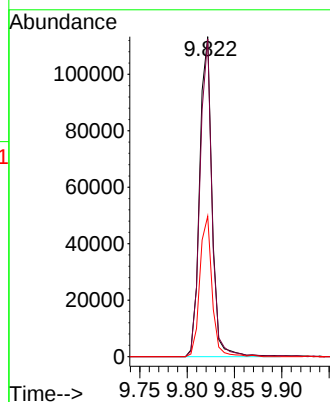
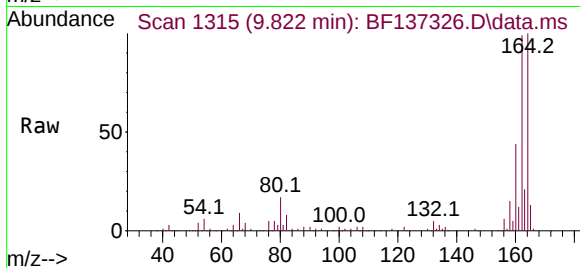
Tgt Ion:164 Resp: 102260

Ion Ratio Lower Upper

164 100

162 99.3 78.3 117.5

160 43.9 35.4 53.2



#42

2,4,6-Tribromophenol

Concen: 140.537 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.006 min

Lab File: BF137326.D

Acq: 07 Feb 2024 18:06

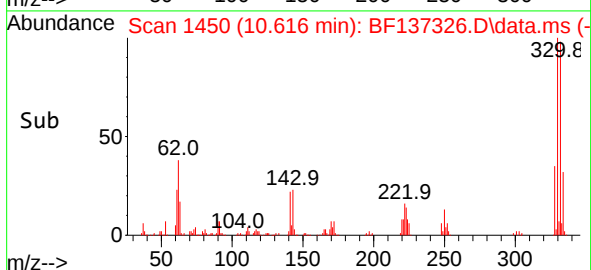
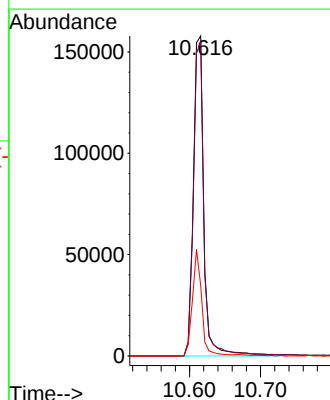
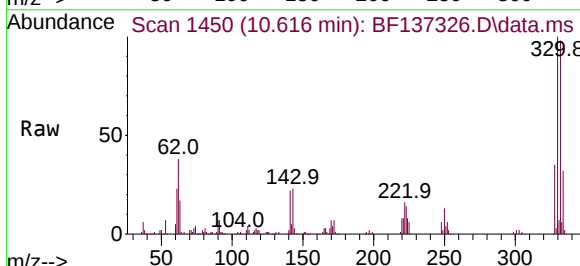
Tgt Ion:330 Resp: 162303

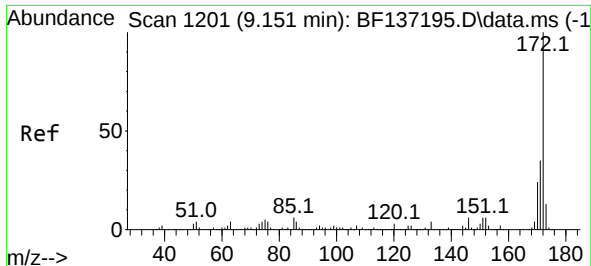
Ion Ratio Lower Upper

330 100

332 97.6 77.3 115.9

141 29.3 25.2 37.8

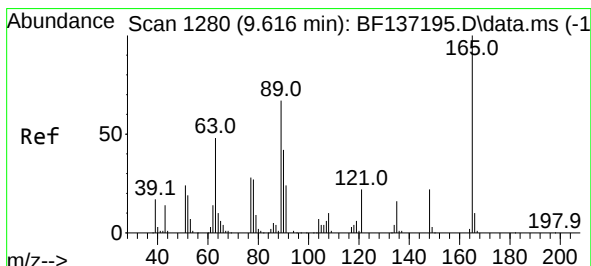
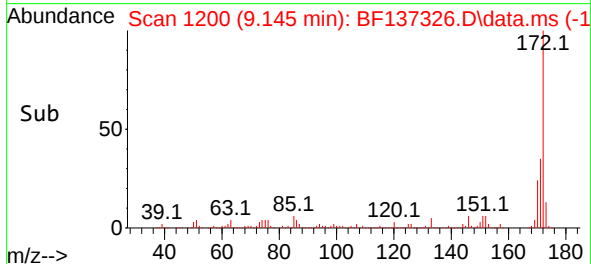
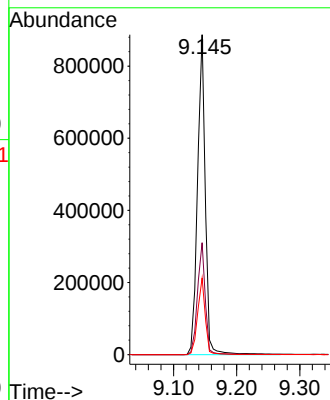
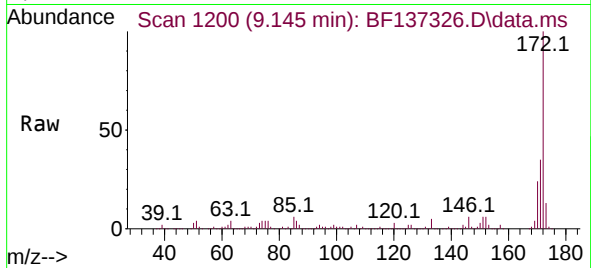




#45
2-Fluorobiphenyl
Concen: 102.802 ng
RT: 9.145 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF137326.D
Acq: 07 Feb 2024 18:06

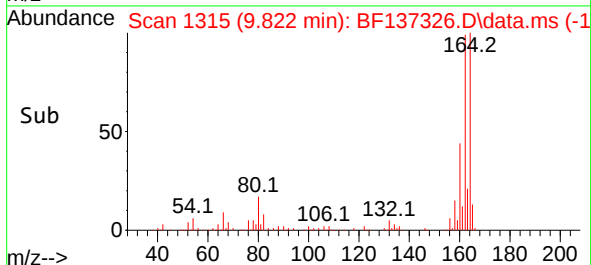
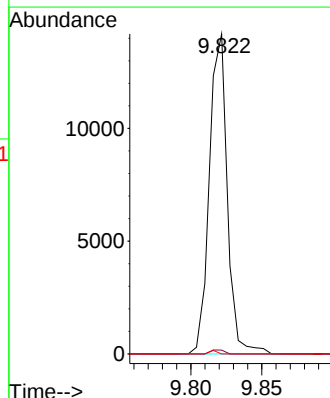
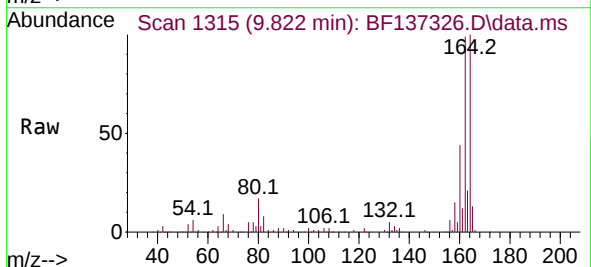
Instrument :
BNA_F
ClientSampleId :
EB-1-4-6

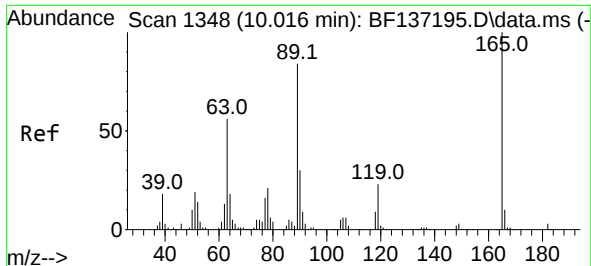
Tgt Ion:172 Resp: 764730
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 23.9 19.1 28.7



#51
2,6-Dinitrotoluene
Concen: 8.453 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.206 min
Lab File: BF137326.D
Acq: 07 Feb 2024 18:06

Tgt Ion:165 Resp: 12452
Ion Ratio Lower Upper
165 100
63 1.2 55.1 82.7#
89 0.0 53.5 80.3#

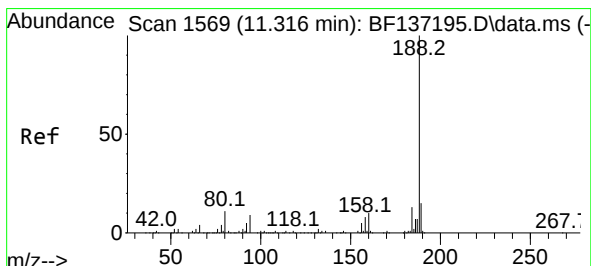
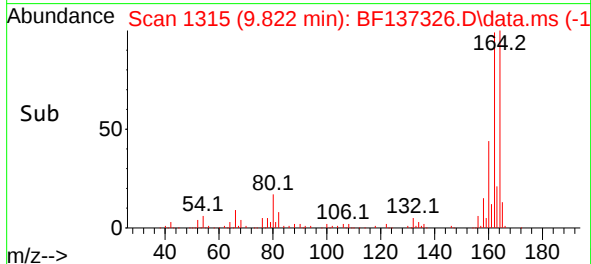
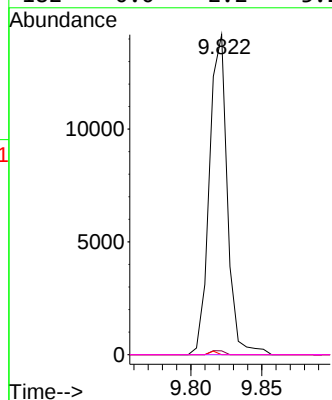
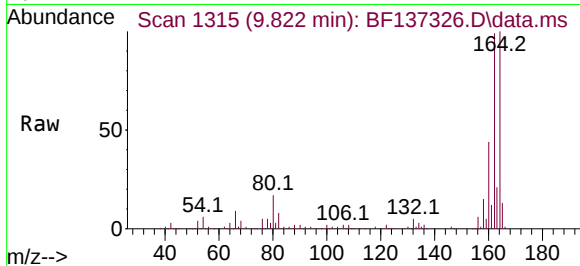




#57
2,4-Dinitrotoluene
Concen: 6.514 ng
RT: 9.822 min Scan# 1348
Delta R.T. -0.194 min
Lab File: BF137326.D
Acq: 07 Feb 2024 18:06

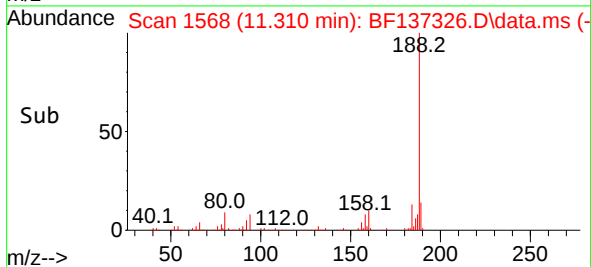
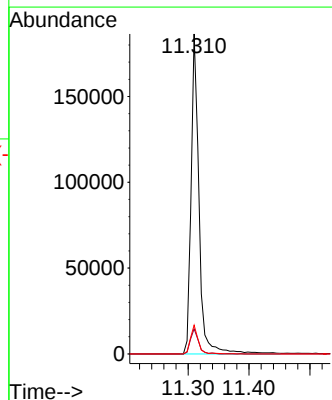
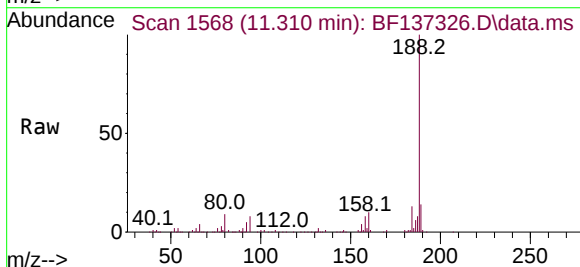
Instrument :
BNA_F
ClientSampleId :
EB-1-4-6

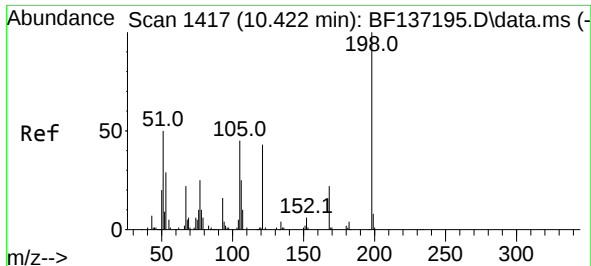
Tgt Ion:165	Resp:	12452
Ion Ratio	Lower	Upper
165	100	
63	1.2	46.1 69.1#
89	0.0	67.5 101.3#
182	0.0	2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF137326.D
Acq: 07 Feb 2024 18:06

Tgt Ion:188	Resp:	168630
Ion Ratio	Lower	Upper
188	100	
94	7.8	7.0 10.4
80	9.0	8.8 13.2

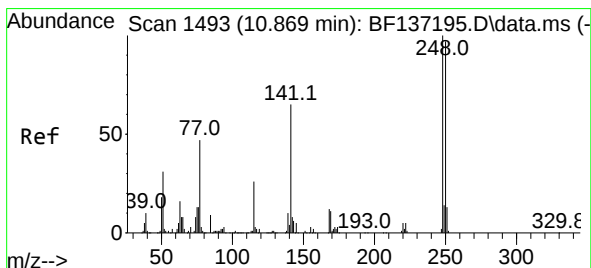
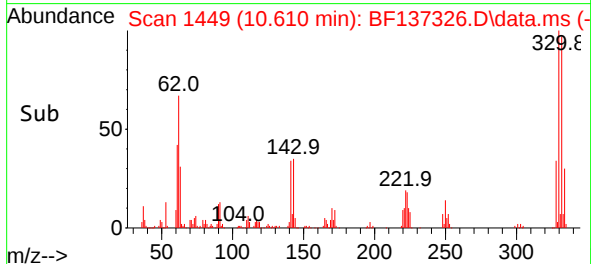
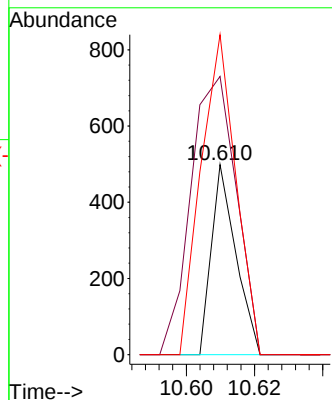
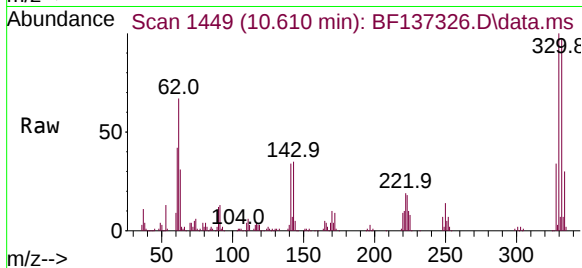




#65
4,6-Dinitro-2-methylphenol
Concen: 5.701 ng
RT: 10.610 min Scan# 1417
Delta R.T. 0.188 min
Lab File: BF137326.D
Acq: 07 Feb 2024 18:06

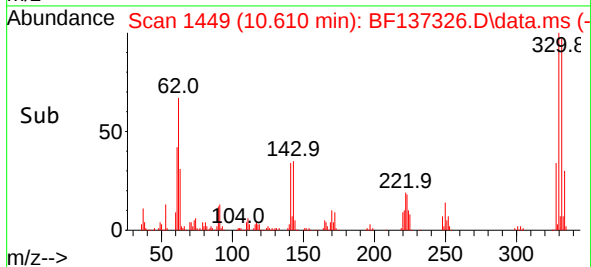
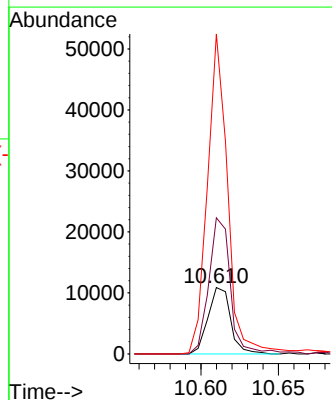
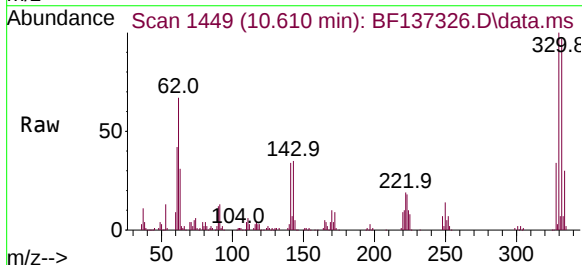
Instrument :
BNA_F
ClientSampleId :
EB-1-4-6

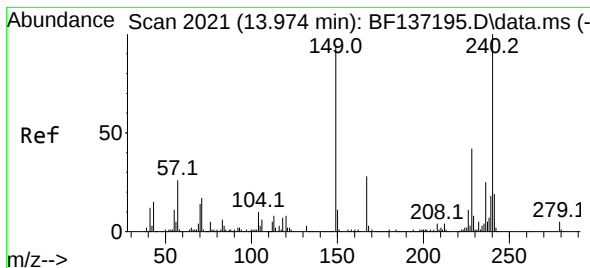
Tgt Ion	198	Resp	248
Ion	Ratio	Lower	Upper
198	100		
51	146.3	40.9	80.9#
105	168.3	26.5	66.5#



#67
4-Bromophenyl-phenylether
Concen: 5.954 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.259 min
Lab File: BF137326.D
Acq: 07 Feb 2024 18:06

Tgt Ion	248	Resp	11040
Ion	Ratio	Lower	Upper
248	100		
250	205.0	77.7	116.5#
141	482.2	51.6	77.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF137326.D

Acq: 07 Feb 2024 18:06

Instrument :

BNA_F

ClientSampleId :

EB-1-4-6

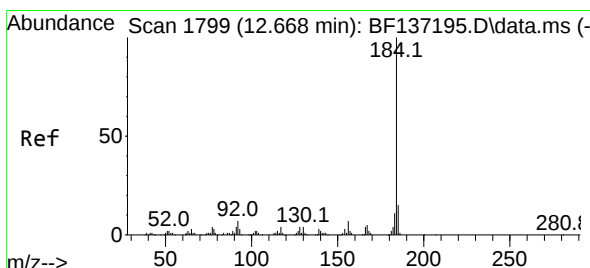
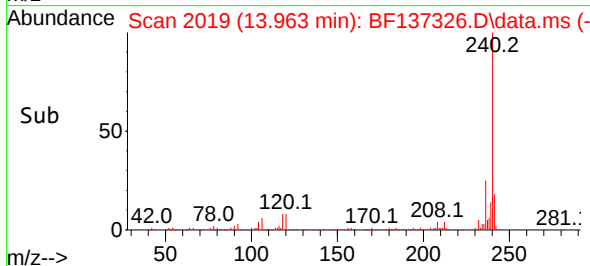
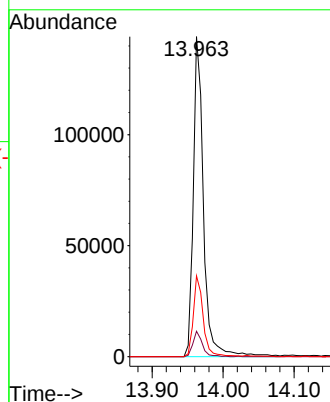
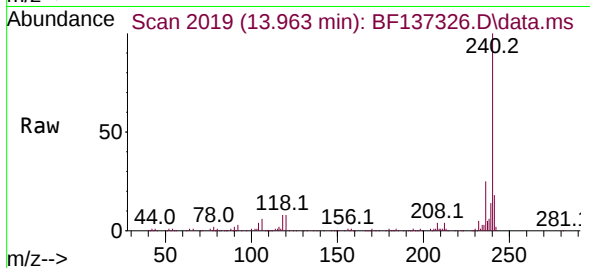
Tgt Ion:240 Resp: 144145

Ion Ratio Lower Upper

240 100

120 7.9 6.3 9.5

236 25.2 20.3 30.5



#77

Benzidine

Concen: 3.718 ng

RT: 12.910 min Scan# 1840

Delta R.T. 0.242 min

Lab File: BF137326.D

Acq: 07 Feb 2024 18:06

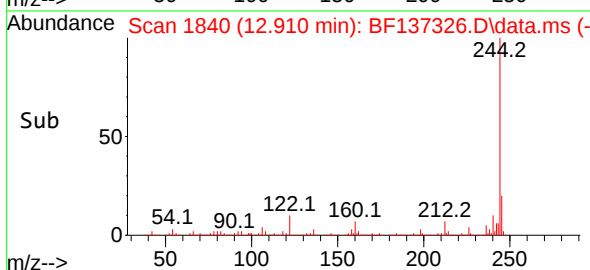
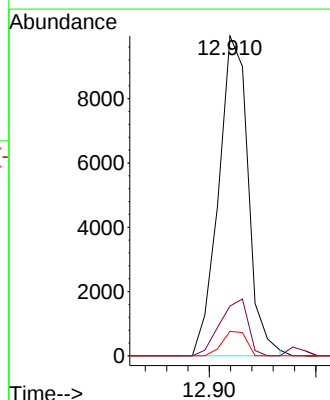
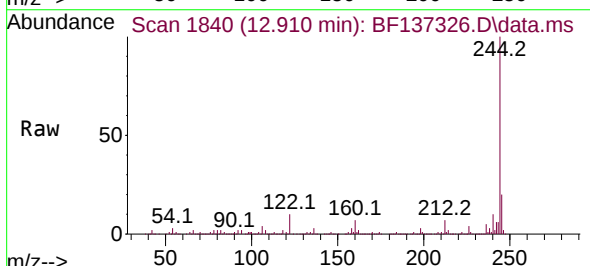
Tgt Ion:184 Resp: 9597

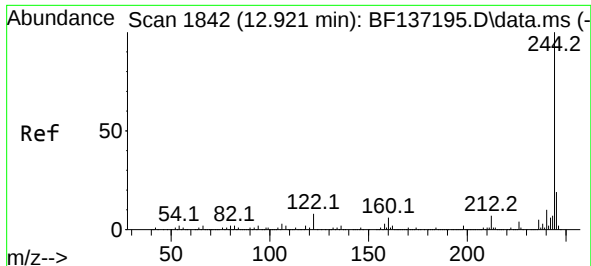
Ion Ratio Lower Upper

184 100

185 15.6 11.9 17.9

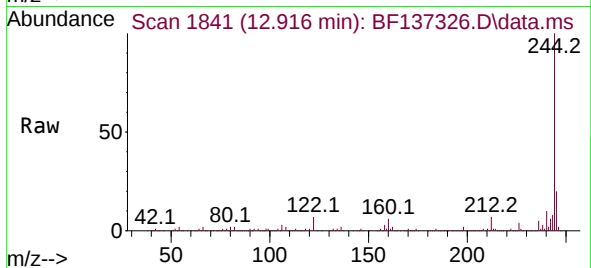
183 7.7 8.8 13.2#



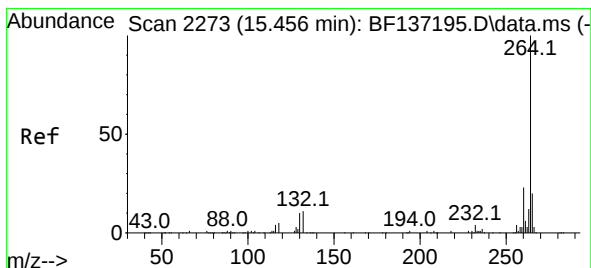
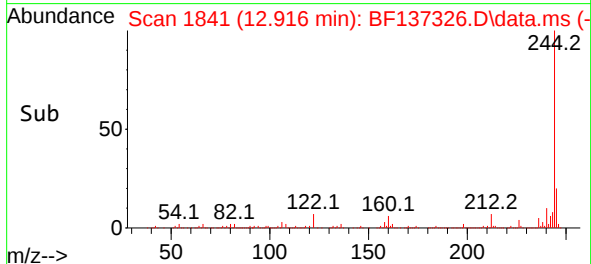
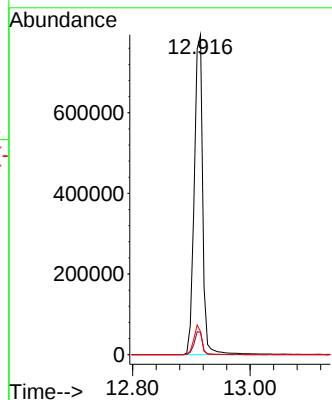


#79
Terphenyl-d14
Concen: 74.699 ng
RT: 12.916 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BF137326.D
Acq: 07 Feb 2024 18:06

Instrument :
BNA_F
ClientSampleId :
EB-1-4-6



Tgt Ion:244 Resp: 792051
Ion Ratio Lower Upper
244 100
212 7.0 5.5 8.3
122 7.2 6.2 9.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2271
Delta R.T. -0.012 min
Lab File: BF137326.D
Acq: 07 Feb 2024 18:06

Tgt Ion:264 Resp: 125978
Ion Ratio Lower Upper
264 100
260 22.1 18.2 27.4
265 20.3 16.2 24.2

