

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083123\
 Data File : BF135064.D
 Acq On : 01 Sep 2023 03:16
 Operator : CG\JU
 Sample : 04224-01 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-03-8292023

Quant Time: Sep 01 03:55:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 03:48:08 2023
 Response via : Initial Calibration

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

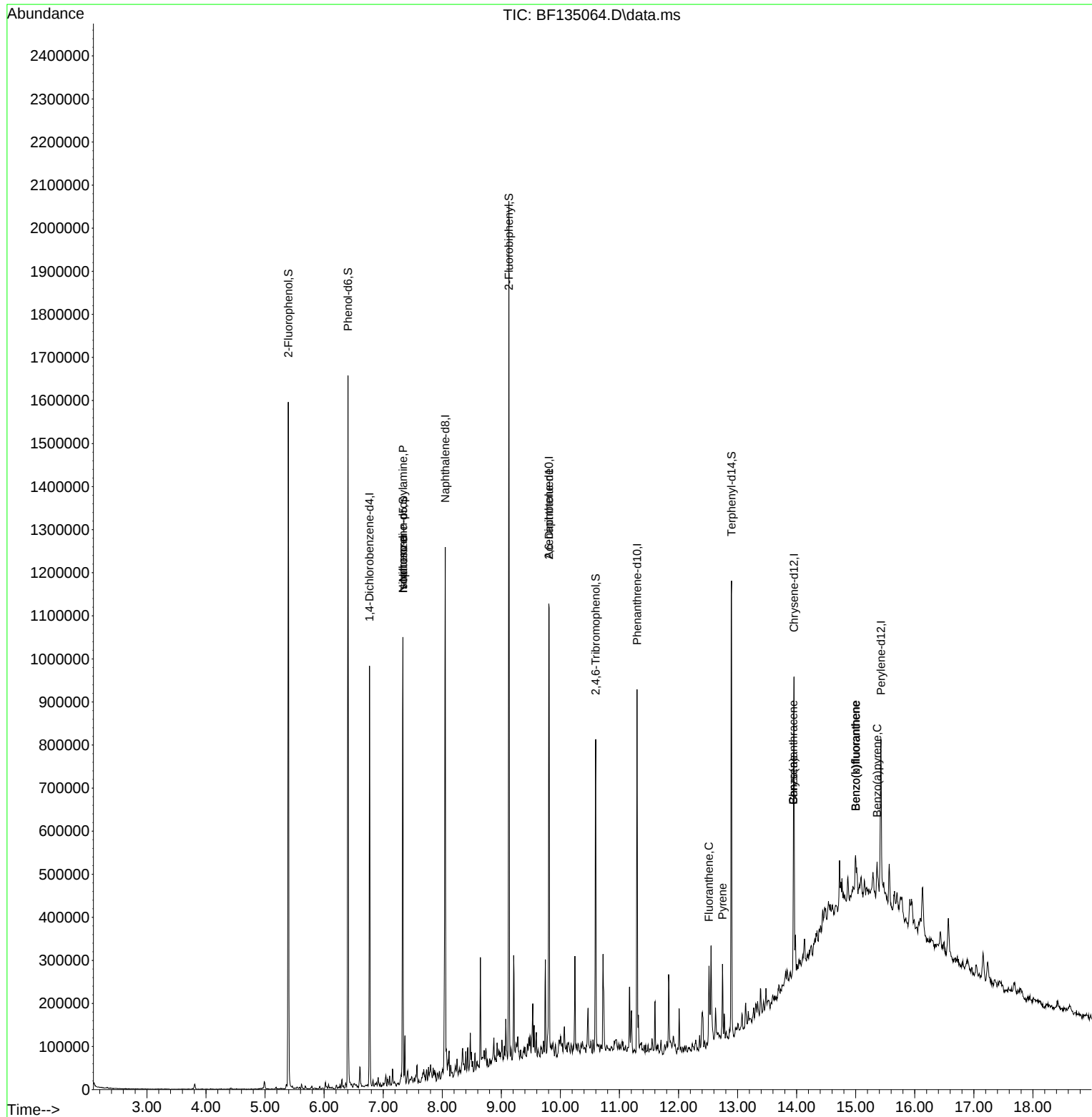
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	129153	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	493450	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	216603	20.000	ng	-0.01
64) Phenanthrene-d10	11.298	188	289604	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	224320	20.000	ng	# 0.00
86) Perylene-d12	15.427	264	178328	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	408001	48.795	ng	0.00
7) Phenol-d6	6.404	99	487561	46.782	ng	-0.01
23) Nitrobenzene-d5	7.334	82	295452	33.638	ng	-0.01
42) 2,4,6-Tribromophenol	10.598	330	84863	36.934	ng	-0.01
45) 2-Fluorobiphenyl	9.128	172	524137	39.397	ng	-0.01
79) Terphenyl-d14	12.898	244	382759	27.845	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.334	70	39818	6.432	ng	# 75
25) Isophorone	7.334	82	295265	17.731	ng	# 65
51) 2,6-Dinitrotoluene	9.804	165	29160	8.762	ng	# 22
69) Atrazine	11.016	200	686	Below Cal		71
75) Fluoranthene	12.516	202	68664	4.546	ng	99
78) Pyrene	12.745	202	68887	3.234	ng	99
81) Benzo(a)anthracene	13.945	228	39835	2.603	ng	93
83) Chrysene	13.945	228	39835	2.649	ng	97
88) Benzo(b)fluoranthene	14.998	252	53253	4.799	ng	# 80
89) Benzo(k)fluoranthene	14.998	252	53253	4.968	ng	# 79
90) Benzo(a)pyrene	15.363	252	27081	2.627	ng	# 84

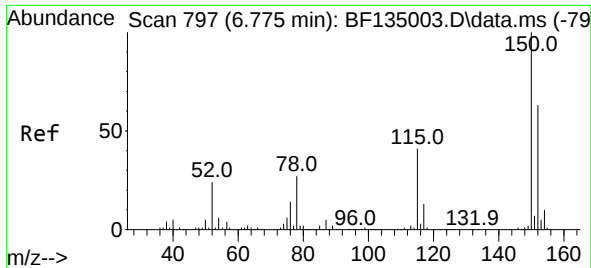
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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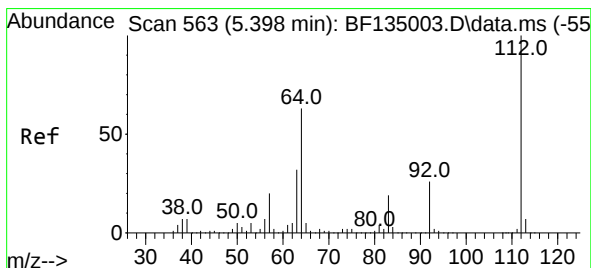
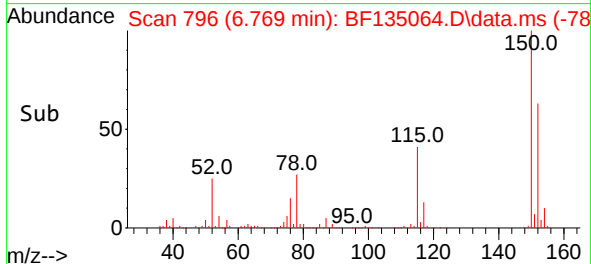
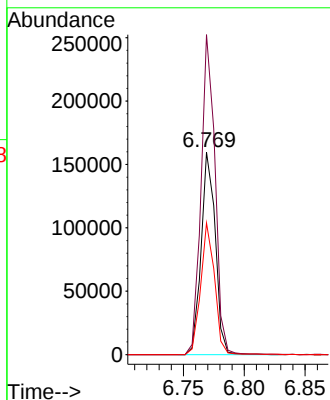
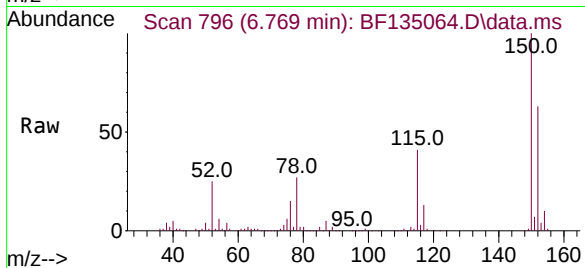




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF135064.D
Acq: 01 Sep 2023 03:16

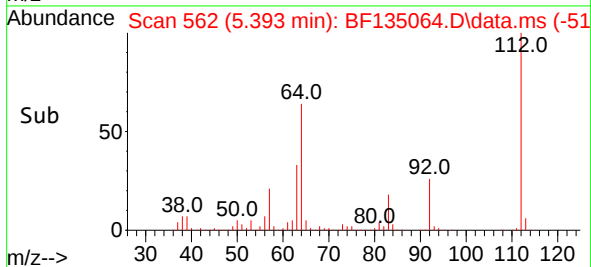
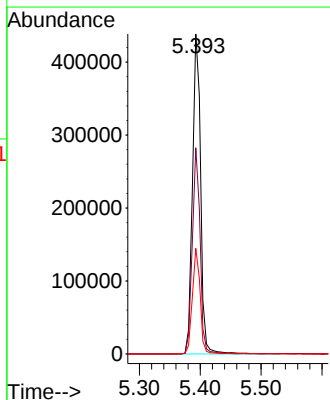
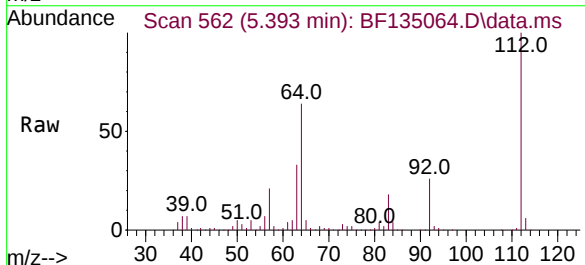
Instrument :
BNA_F
ClientSampleId :
EO-03-8292023

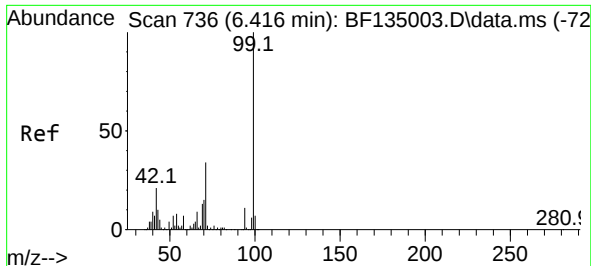
Tgt Ion:152 Resp: 129153
Ion Ratio Lower Upper
152 100
150 158.1 126.2 189.4
115 65.0 51.2 76.8



#5
2-Fluorophenol
Concen: 48.795 ng
RT: 5.393 min Scan# 562
Delta R.T. -0.006 min
Lab File: BF135064.D
Acq: 01 Sep 2023 03:16

Tgt Ion:112 Resp: 408001
Ion Ratio Lower Upper
112 100
64 64.4 50.5 75.7
63 33.0 25.9 38.9

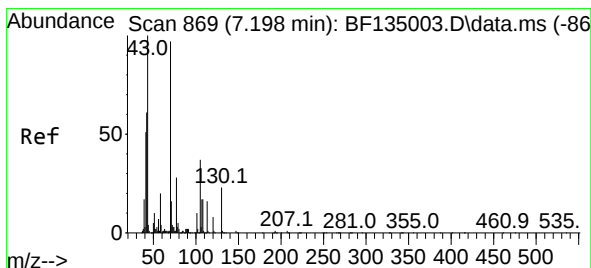
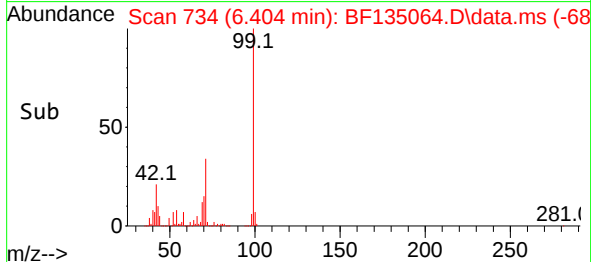
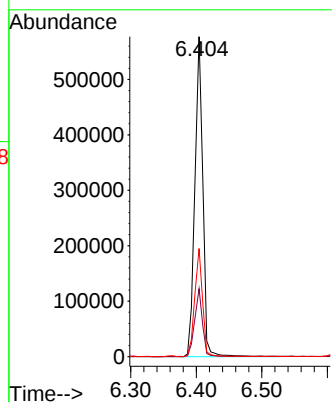
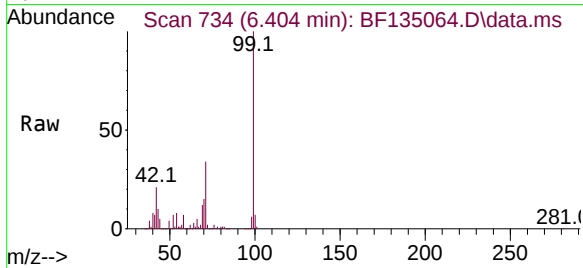




#7
Phenol-d6
Concen: 46.782 ng
RT: 6.404 min Scan# 734
Delta R.T. -0.012 min
Lab File: BF135064.D
Acq: 01 Sep 2023 03:16

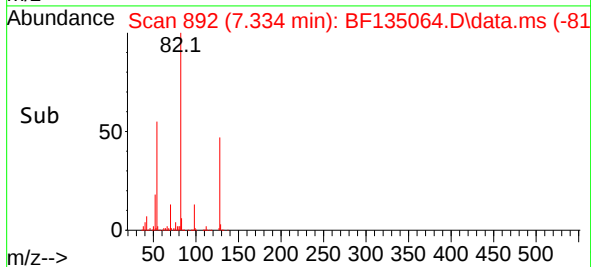
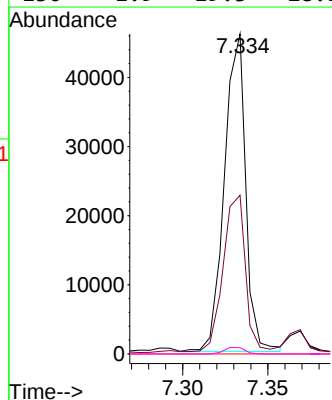
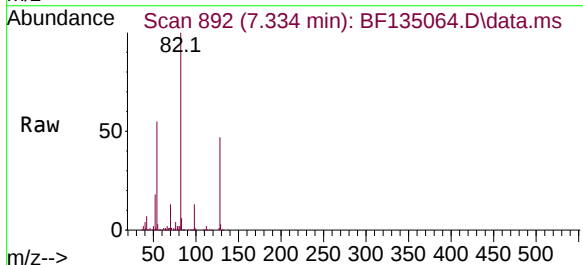
Instrument :
BNA_F
ClientSampleId :
EO-03-8292023

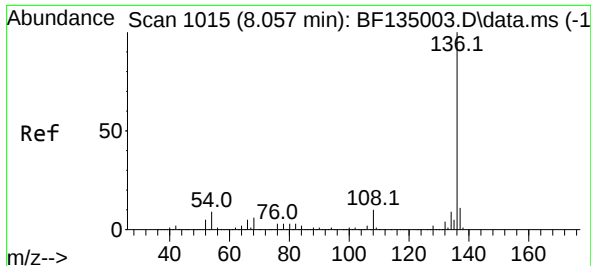
Tgt Ion: 99 Resp: 487561
Ion Ratio Lower Upper
99 100
42 21.2 16.6 25.0
71 33.8 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 6.432 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.135 min
Lab File: BF135064.D
Acq: 01 Sep 2023 03:16

Tgt Ion: 70 Resp: 39818
Ion Ratio Lower Upper
70 100
42 49.6 50.2 75.4#
101 0.0 8.1 12.1#
130 1.9 19.3 28.9#

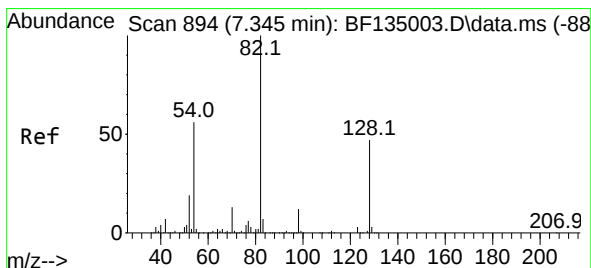
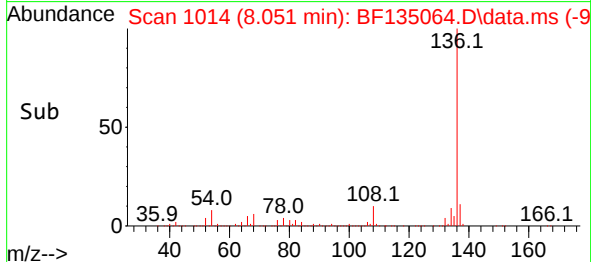
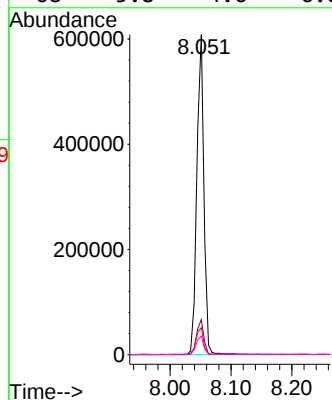
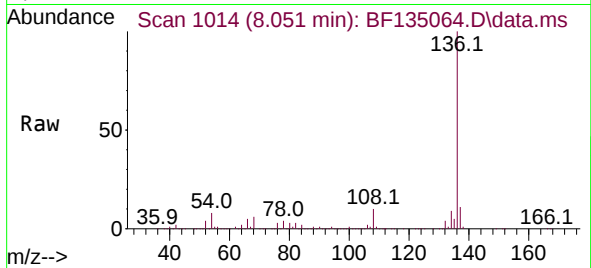




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF135064.D
Acq: 01 Sep 2023 03:16

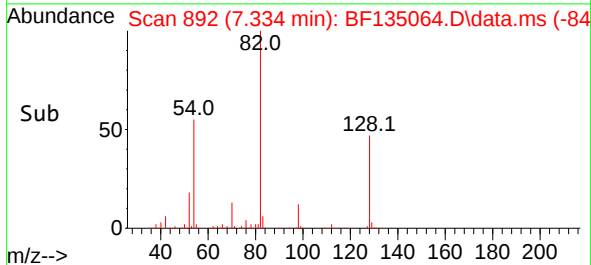
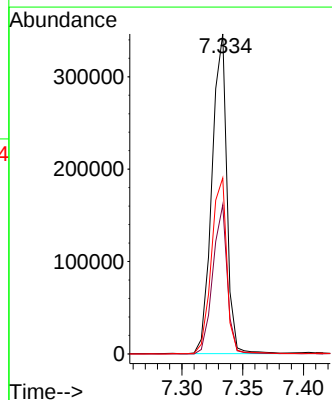
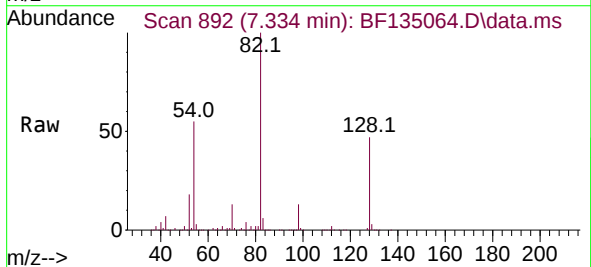
Instrument :
BNA_F
ClientSampleId :
EO-03-8292023

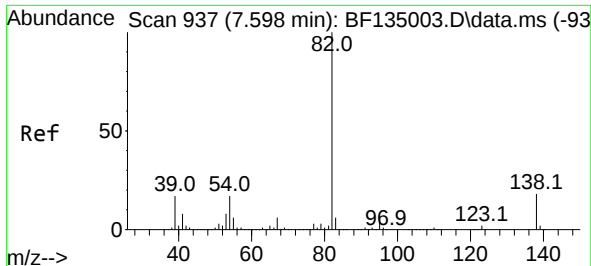
Tgt Ion:	136	Resp:	493450
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.4	7.0	10.4
68	5.8	4.6	6.8



#23
Nitrobenzene-d5
Concen: 33.638 ng
RT: 7.334 min Scan# 892
Delta R.T. -0.012 min
Lab File: BF135064.D
Acq: 01 Sep 2023 03:16

Tgt Ion:	82	Resp:	295452
Ion	Ratio	Lower	Upper
82	100		
128	46.6	37.8	56.8
54	55.0	45.0	67.6

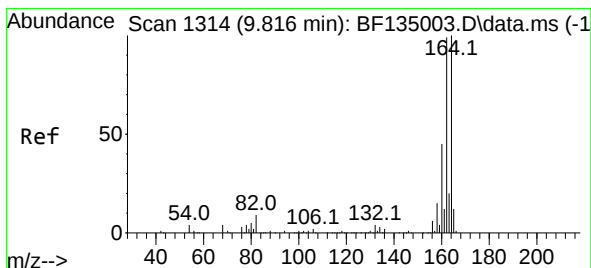
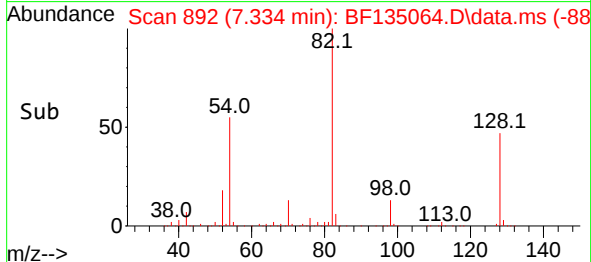
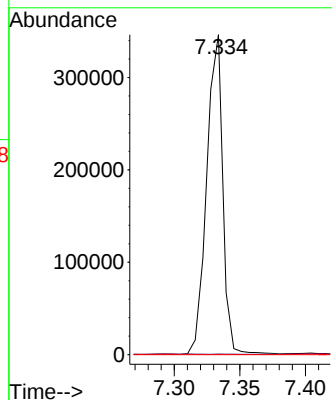
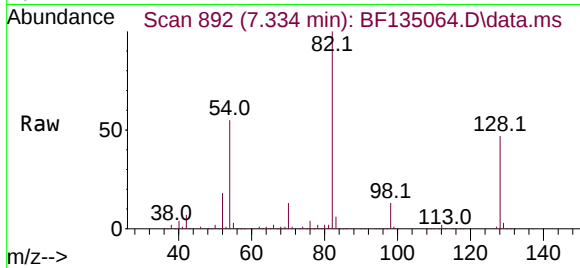




#25
Isophorone
Concen: 17.731 ng
RT: 7.334 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF135064.D
Acq: 01 Sep 2023 03:16

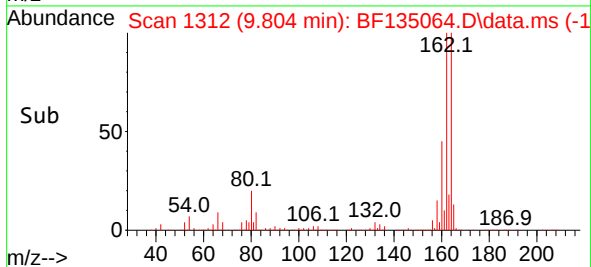
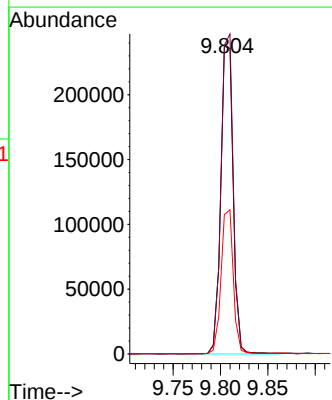
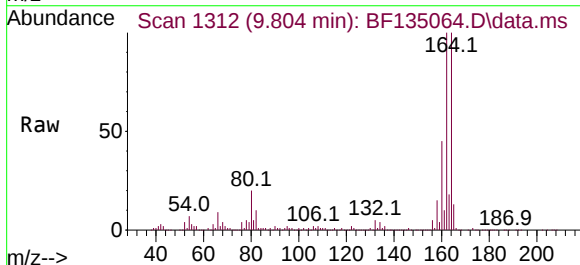
Instrument :
BNA_F
ClientSampleId :
EO-03-8292023

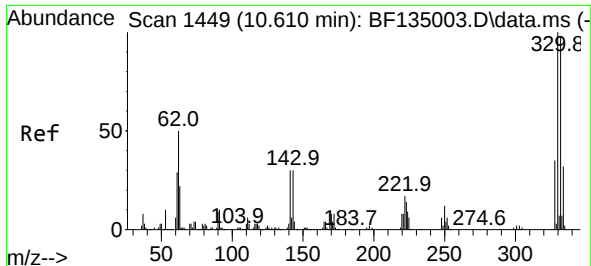
Tgt Ion: 82 Resp: 295265
Ion Ratio Lower Upper
82 100
95 0.2 5.6 8.4#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.804 min Scan# 1312
Delta R.T. -0.012 min
Lab File: BF135064.D
Acq: 01 Sep 2023 03:16

Tgt Ion:164 Resp: 216603
Ion Ratio Lower Upper
164 100
162 100.3 79.5 119.3
160 45.3 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 36.934 ng

RT: 10.598 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF135064.D

Acq: 01 Sep 2023 03:16

Instrument :

BNA_F

ClientSampleId :

EO-03-8292023

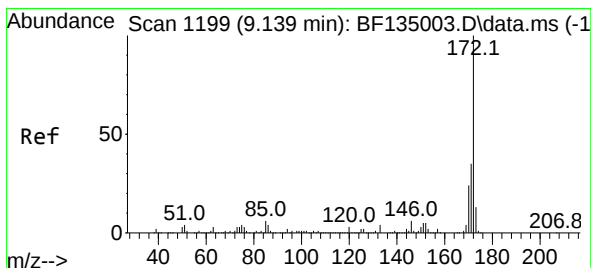
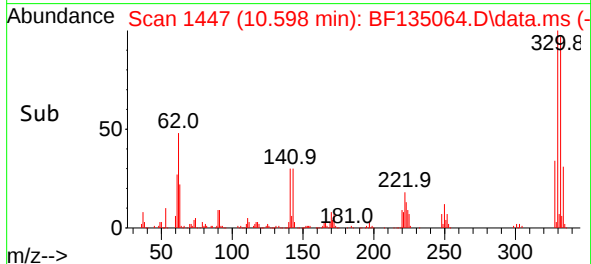
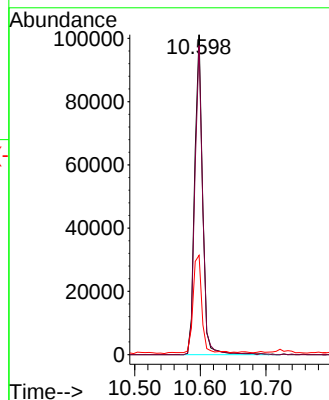
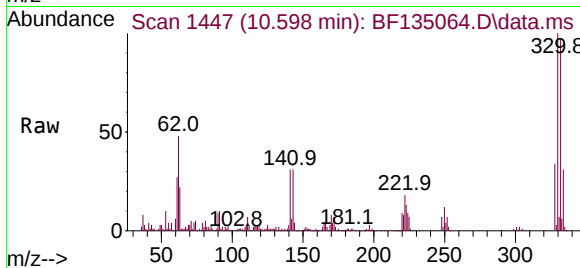
Tgt Ion:330 Resp: 84863

Ion Ratio Lower Upper

330 100

332 95.7 77.6 116.4

141 32.9 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 39.397 ng

RT: 9.128 min Scan# 1197

Delta R.T. -0.012 min

Lab File: BF135064.D

Acq: 01 Sep 2023 03:16

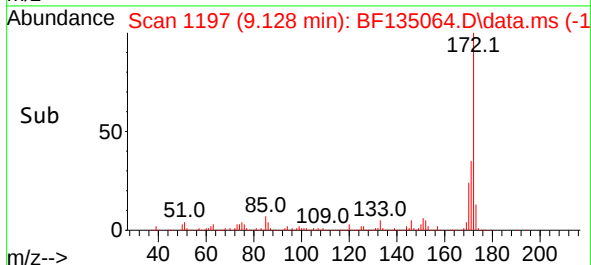
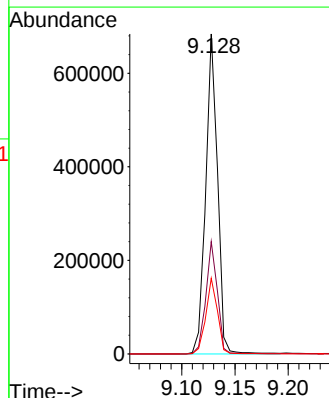
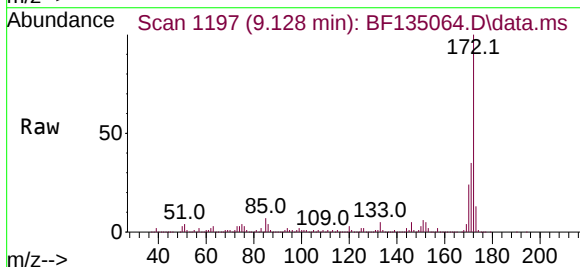
Tgt Ion:172 Resp: 524137

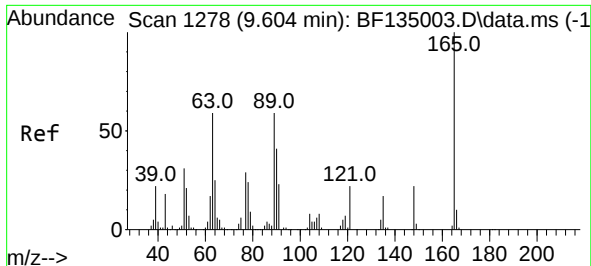
Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.2

170 23.7 19.0 28.4

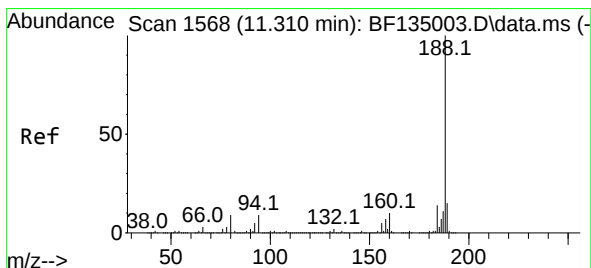
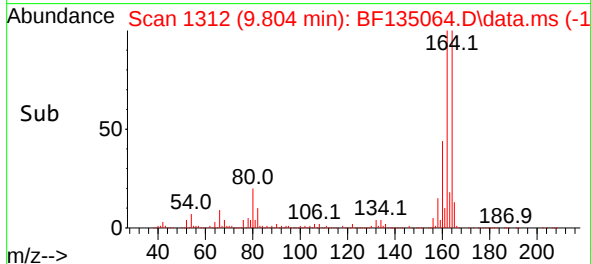
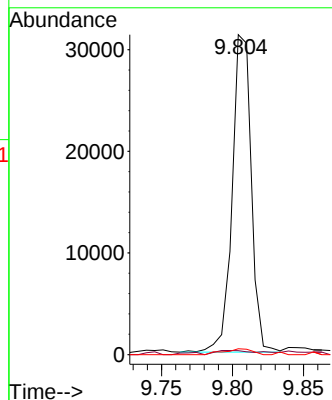
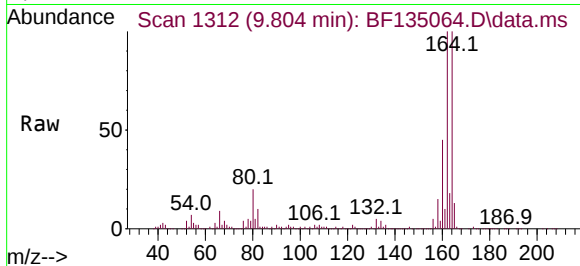




#51
2,6-Dinitrotoluene
Concen: 8.762 ng
RT: 9.804 min Scan# 1312
Delta R.T. 0.200 min
Lab File: BF135064.D
Acq: 01 Sep 2023 03:16

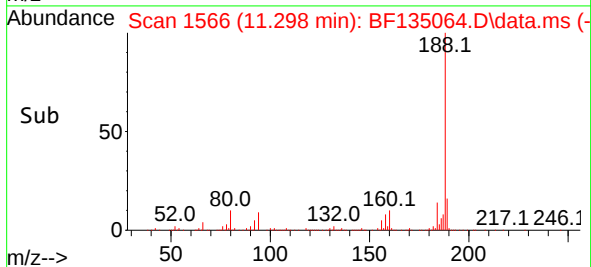
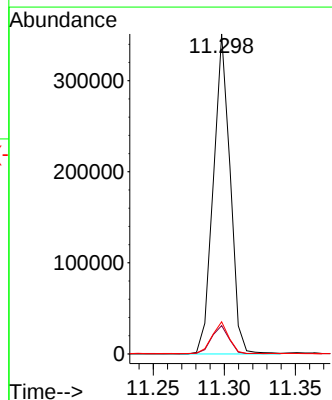
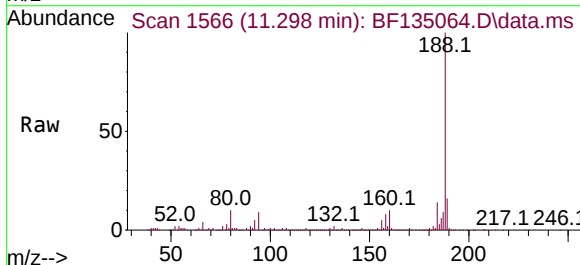
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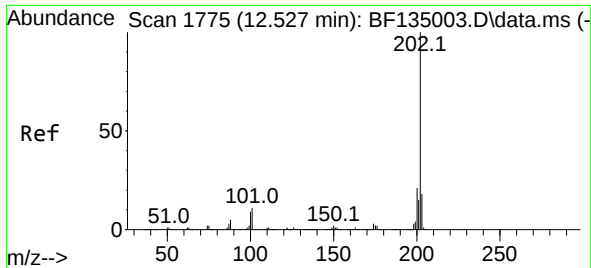
Tgt Ion:165 Resp: 29160
Ion Ratio Lower Upper
165 100
63 1.2 50.4 75.6#
89 1.8 47.1 70.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1566
Delta R.T. -0.012 min
Lab File: BF135064.D
Acq: 01 Sep 2023 03:16

Tgt Ion:188 Resp: 289604
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.4
80 10.0 7.4 11.2

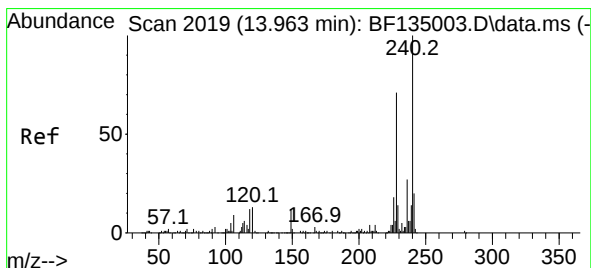
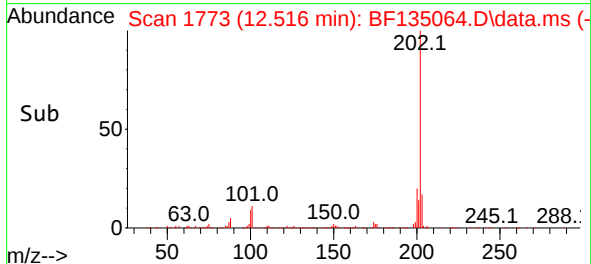
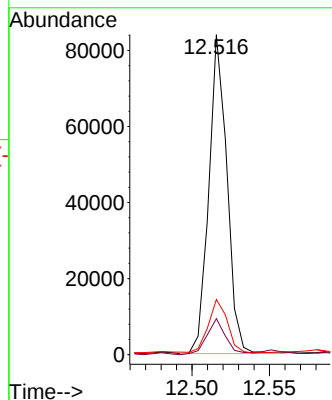
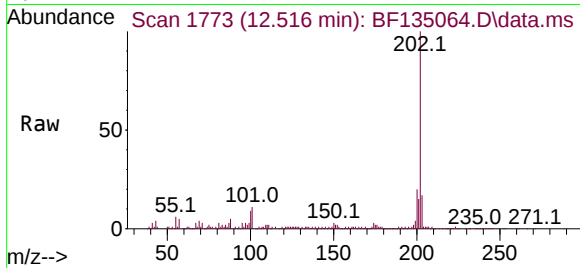




#75
Fluoranthene
Concen: 4.546 ng
RT: 12.516 min Scan# 1775
Delta R.T. -0.012 min
Lab File: BF135064.D
Acq: 01 Sep 2023 03:16

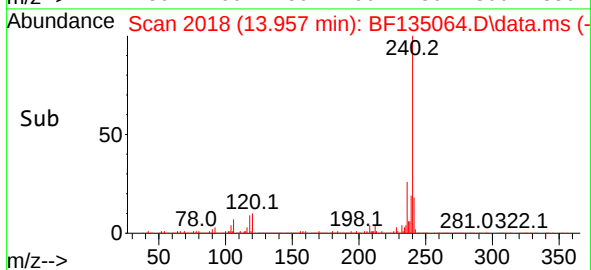
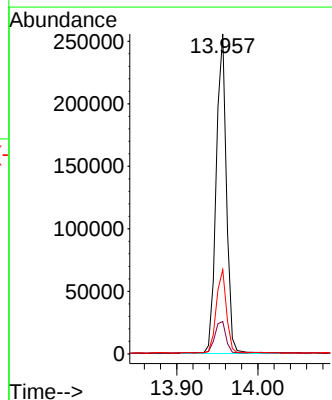
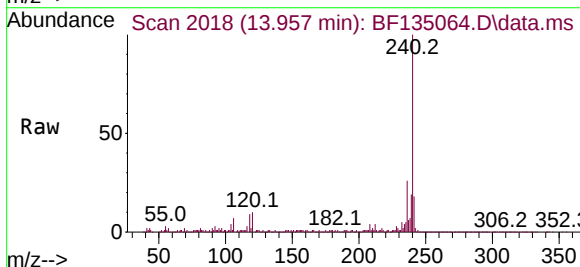
Instrument :
BNA_F
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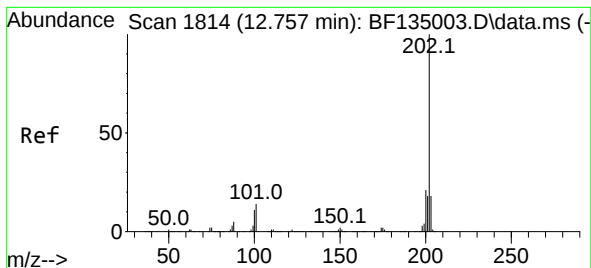
Tgt Ion:	202	Resp:	68664
Ion Ratio	Lower	Upper	
202	100		
101	11.2	0.0	31.5
203	17.2	0.0	37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF135064.D
Acq: 01 Sep 2023 03:16

Tgt Ion:	240	Resp:	224320
Ion Ratio	Lower	Upper	
240	100		
120	10.1	10.2	15.2#
236	26.3	21.3	31.9





#78

Pyrene

Concen: 3.234 ng

RT: 12.745 min Scan# 1812

Delta R.T. -0.012 min

Lab File: BF135064.D

Acq: 01 Sep 2023 03:16

Instrument :

BNA_F

ClientSampleId :

EO-03-8292023

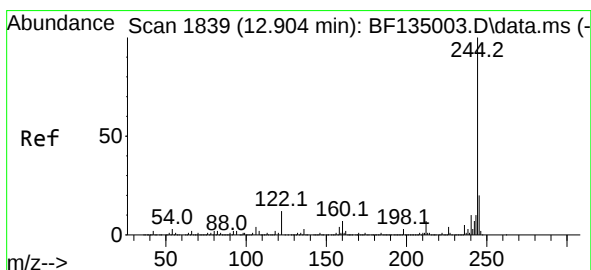
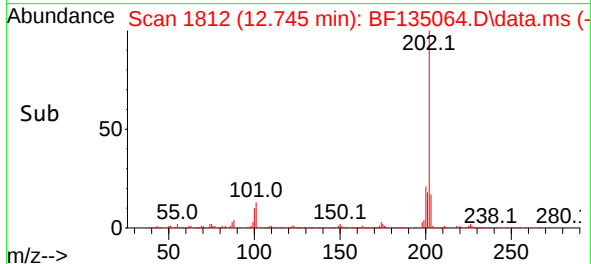
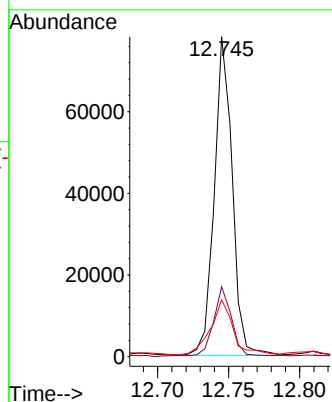
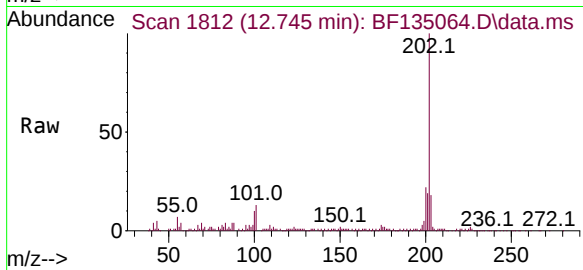
Tgt Ion:202 Resp: 68887

Ion Ratio Lower Upper

202 100

200 21.8 17.0 25.6

203 17.8 14.2 21.2



#79

Terphenyl-d14

Concen: 27.845 ng

RT: 12.898 min Scan# 1838

Delta R.T. -0.006 min

Lab File: BF135064.D

Acq: 01 Sep 2023 03:16

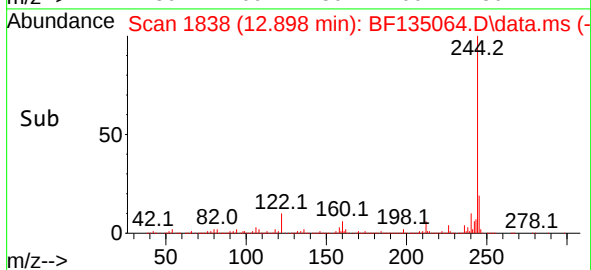
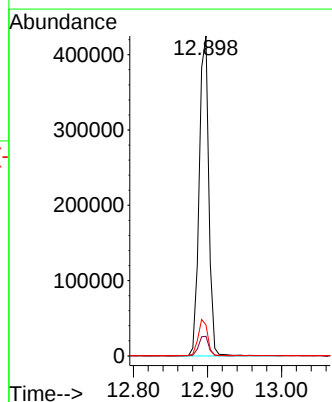
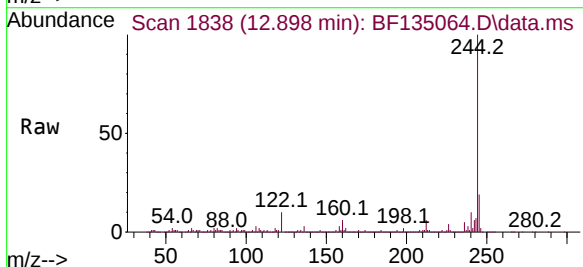
Tgt Ion:244 Resp: 382759

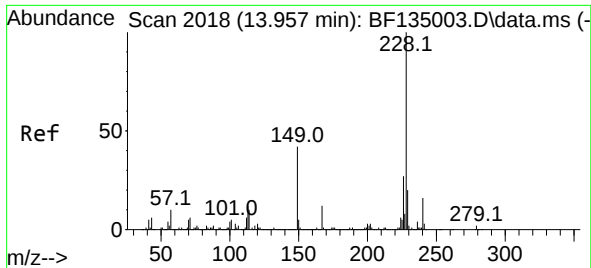
Ion Ratio Lower Upper

244 100

212 6.1 5.6 8.4

122 9.7 9.8 14.6#

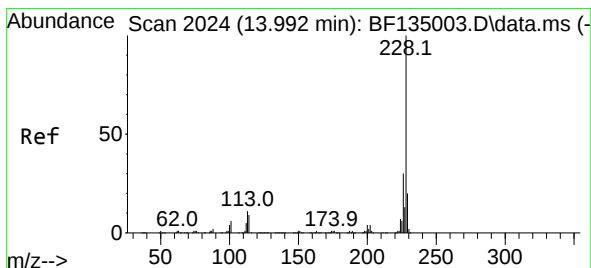
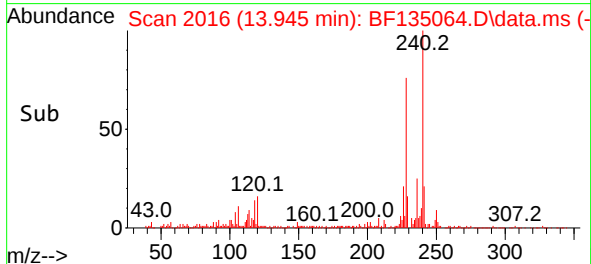
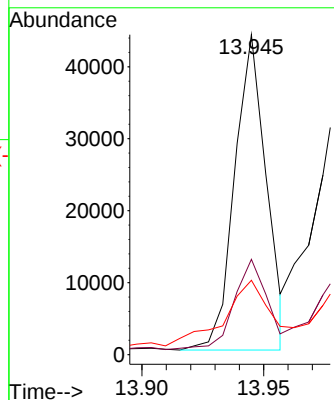
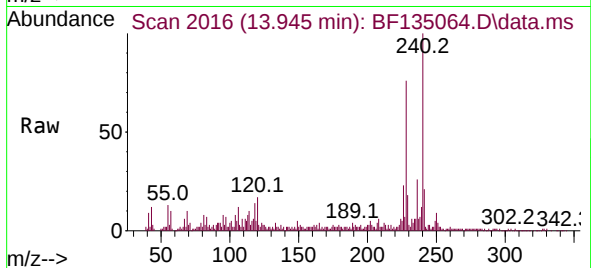




#81
Benzo(a)anthracene
Concen: 2.603 ng
RT: 13.945 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF135064.D
Acq: 01 Sep 2023 03:16

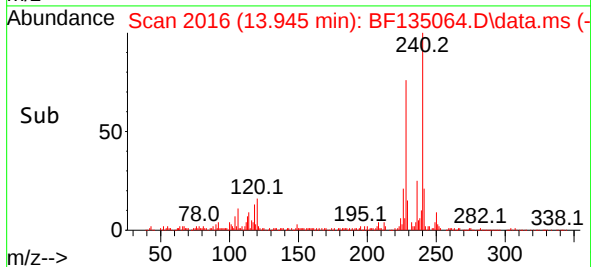
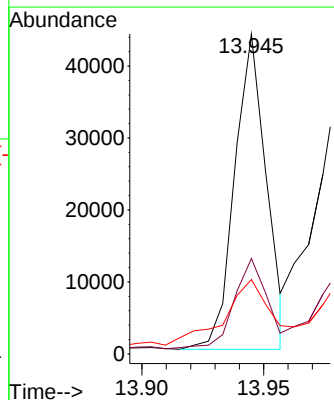
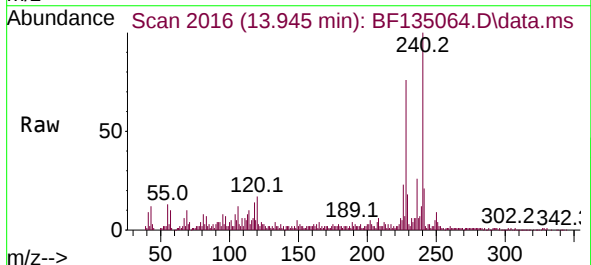
Instrument :
BNA_F
ClientSampleId :
EO-03-8292023

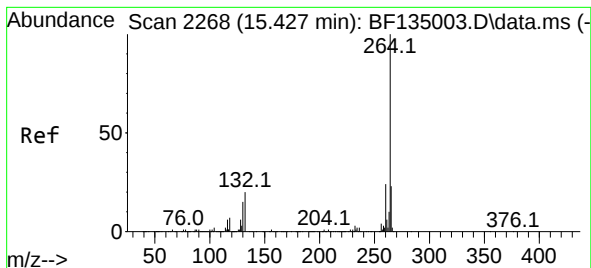
Tgt Ion:228 Resp: 39835
Ion Ratio Lower Upper
228 100
226 29.8 21.6 32.4
229 23.2 15.6 23.4



#83
Chrysene
Concen: 2.649 ng
RT: 13.945 min Scan# 2016
Delta R.T. -0.047 min
Lab File: BF135064.D
Acq: 01 Sep 2023 03:16

Tgt Ion:228 Resp: 39835
Ion Ratio Lower Upper
228 100
226 29.8 24.2 36.4
229 23.2 15.9 23.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.427 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF135064.D

Acq: 01 Sep 2023 03:16

Instrument :

BNA_F

ClientSampleId :

EO-03-8292023

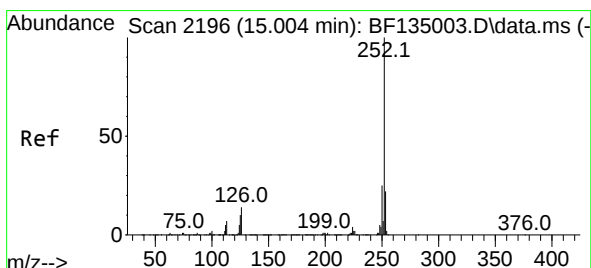
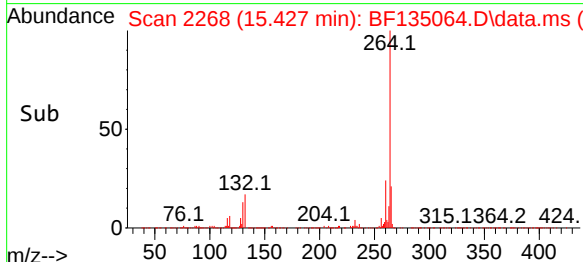
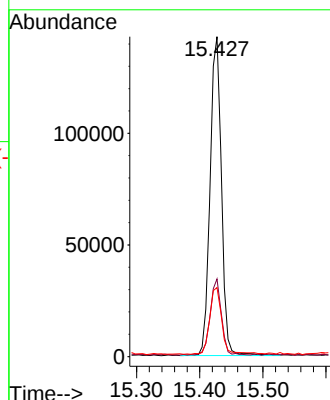
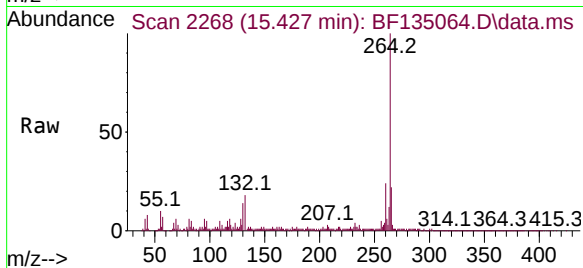
Tgt Ion:264 Resp: 178328

Ion Ratio Lower Upper

264 100

260 24.3 19.0 28.6

265 21.6 18.2 27.2



#88

Benzo(b)fluoranthene

Concen: 4.799 ng

RT: 14.998 min Scan# 2195

Delta R.T. -0.006 min

Lab File: BF135064.D

Acq: 01 Sep 2023 03:16

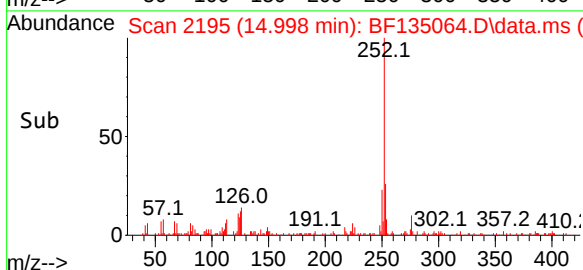
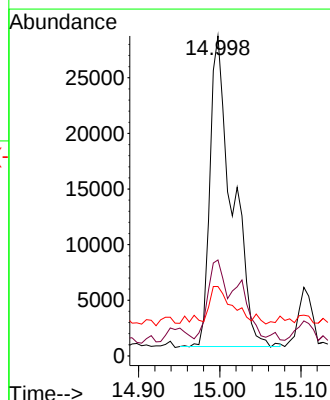
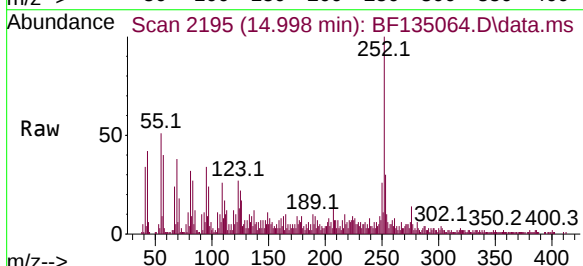
Tgt Ion:252 Resp: 53253

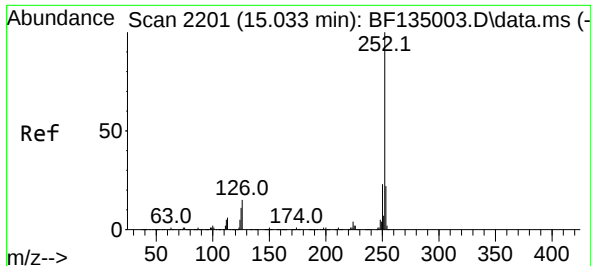
Ion Ratio Lower Upper

252 100

253 30.0 17.8 26.8#

125 21.7 8.4 12.6#





#89

Benzo(k)fluoranthene

Concen: 4.968 ng

RT: 14.998 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF135064.D

Acq: 01 Sep 2023 03:16

Instrument :

BNA_F

ClientSampleId :

EO-03-8292023

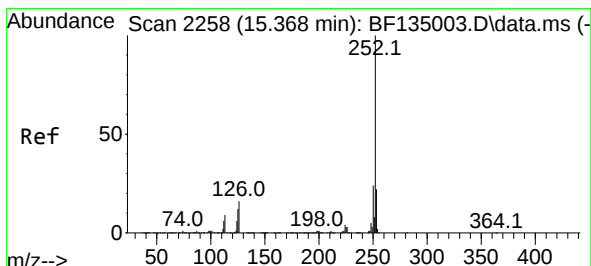
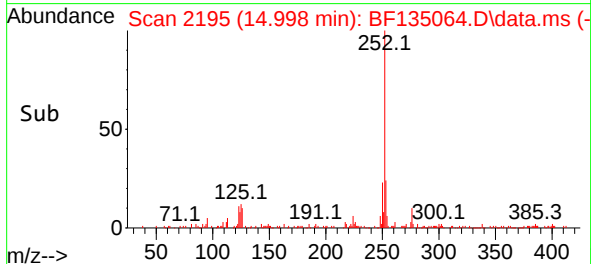
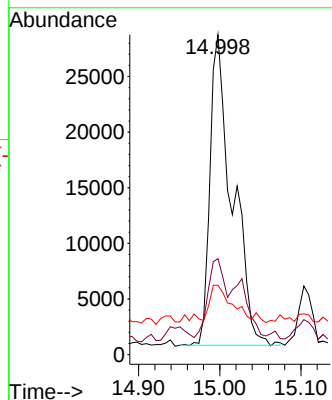
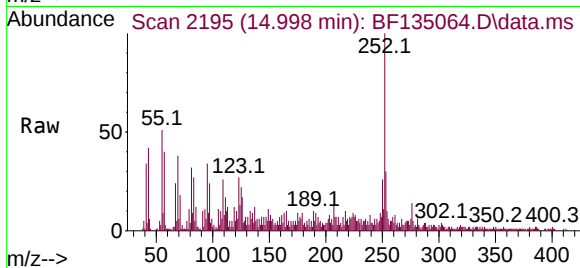
Tgt Ion:252 Resp: 53253

Ion Ratio Lower Upper

252 100

253 30.0 17.4 26.0#

125 21.7 8.5 12.7#



#90

Benzo(a)pyrene

Concen: 2.627 ng

RT: 15.363 min Scan# 2257

Delta R.T. -0.006 min

Lab File: BF135064.D

Acq: 01 Sep 2023 03:16

Tgt Ion:252 Resp: 27081

Ion Ratio Lower Upper

252 100

253 24.8 17.4 26.0

125 24.9 9.5 14.3#

