

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100924\
 Data File : BF139724.D
 Acq On : 09 Oct 2024 16:02
 Operator : RC/JU
 Sample : P4343-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-03-100724

Quant Time: Oct 09 16:25:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

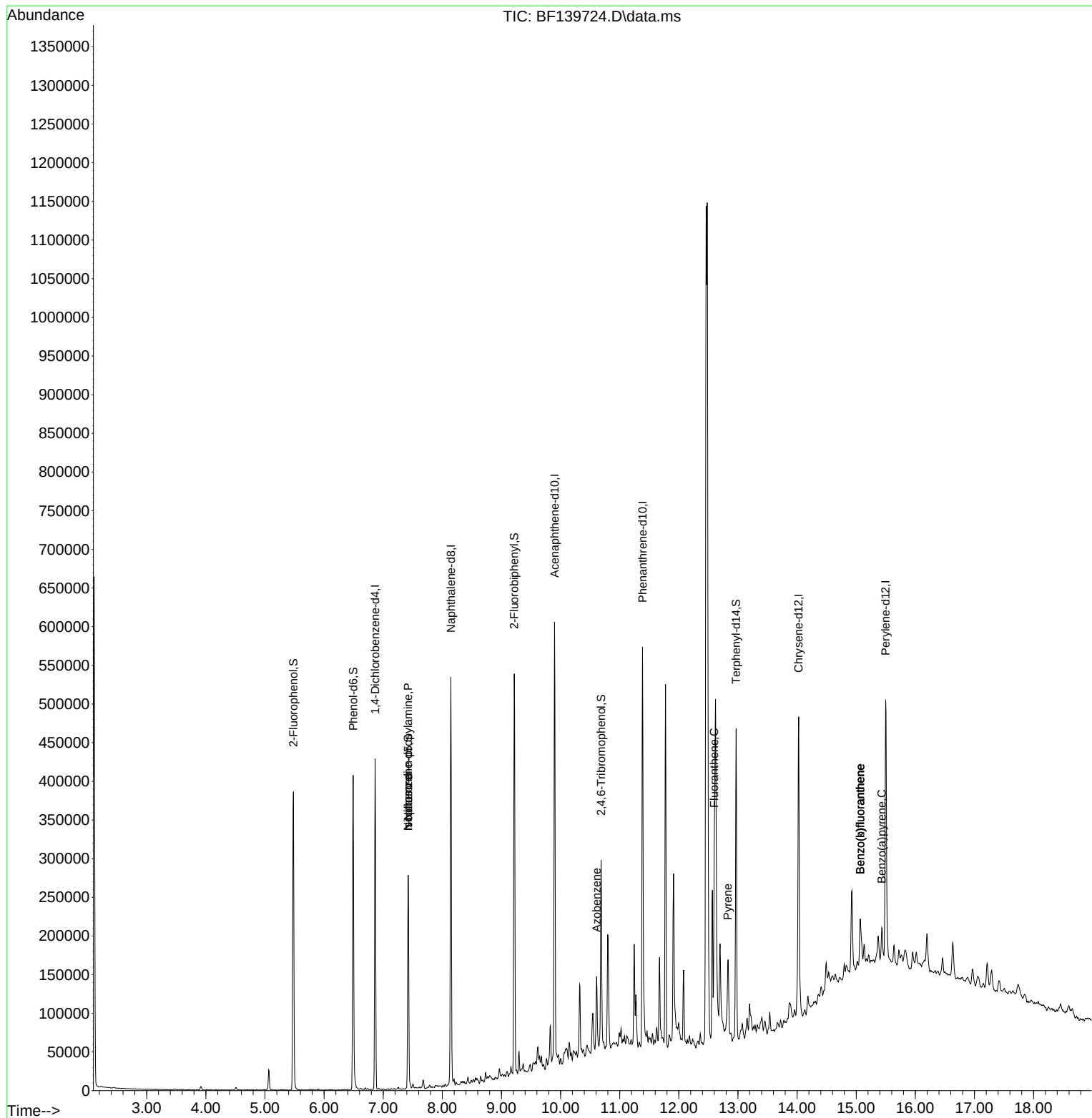
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	83452	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	309461	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	163569	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	265584	20.000	ng	0.00
76) Chrysene-d12	14.027	240	171547	20.000	ng	0.00
86) Perylene-d12	15.498	264	193884	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	137692	28.598	ng	0.00
7) Phenol-d6	6.492	99	176921	27.324	ng	-0.01
23) Nitrobenzene-d5	7.422	82	112858	18.464	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	37078	23.482	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	224193	21.042	ng	-0.01
79) Terphenyl-d14	12.969	244	181794	17.388	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	15191	3.649	ng	# 77
25) Isophorone	7.422	82	110896	10.215	ng	# 66
63) Azobenzene	10.610	77	23758	2.136	ng	# 1
75) Fluoranthene	12.598	202	51039	3.728	ng	99
78) Pyrene	12.827	202	45164	2.944	ng	98
88) Benzo(b)fluoranthene	15.068	252	45351	3.618	ng	# 90
89) Benzo(k)fluoranthene	15.068	252	45351	4.265	ng	# 91
90) Benzo(a)pyrene	15.433	252	25363	2.566	ng	# 91

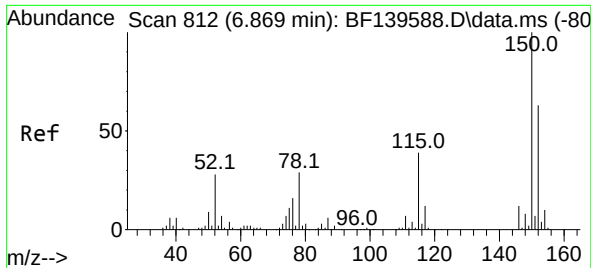
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100924\
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BNA_F
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Quant Time: Oct 09 16:25:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 02 04:58:47 2024
Response via : Initial Calibration

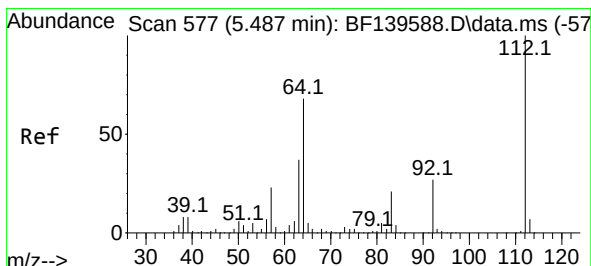
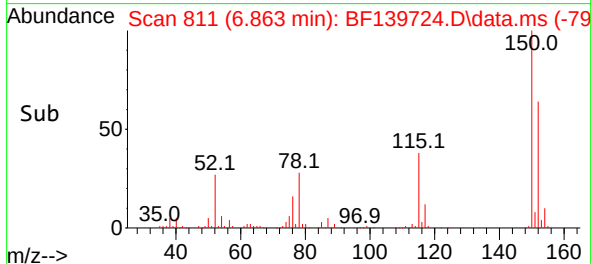
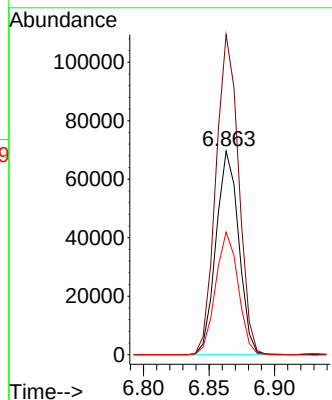
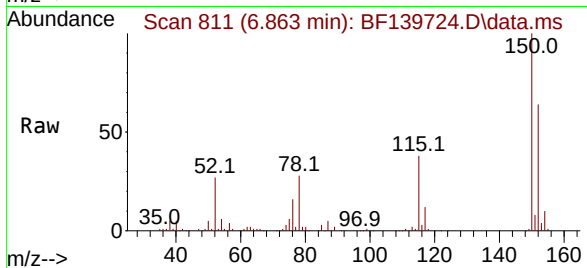




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF139724.D
Acq: 09 Oct 2024 16:02

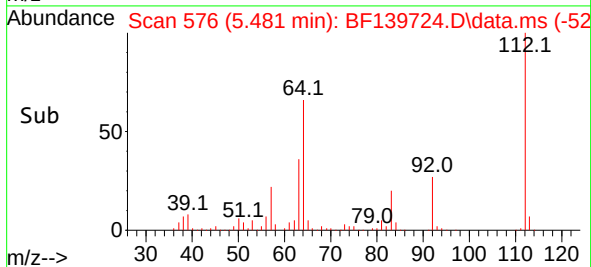
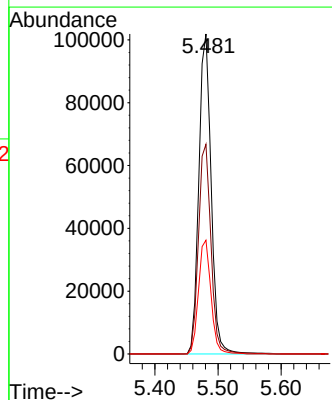
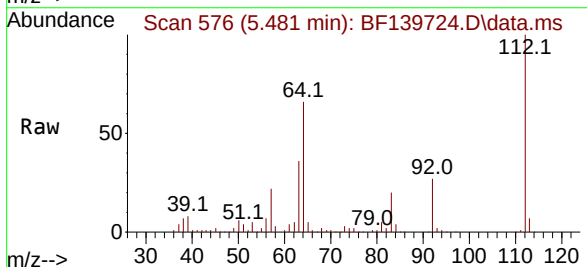
Instrument :
BNA_F
ClientSampleId :
EO-03-100724

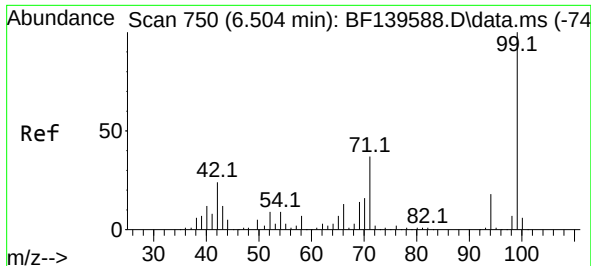
Tgt Ion:152 Resp: 83452
Ion Ratio Lower Upper
152 100
150 157.3 127.2 190.8
115 60.3 49.0 73.4



#5
2-Fluorophenol
Concen: 28.598 ng
RT: 5.481 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF139724.D
Acq: 09 Oct 2024 16:02

Tgt Ion:112 Resp: 137692
Ion Ratio Lower Upper
112 100
64 65.5 54.2 81.4
63 35.6 29.4 44.2

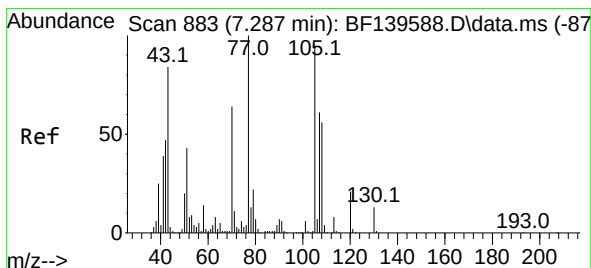
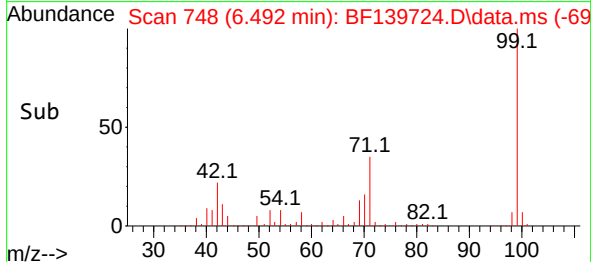
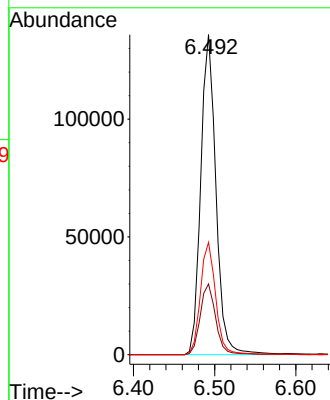
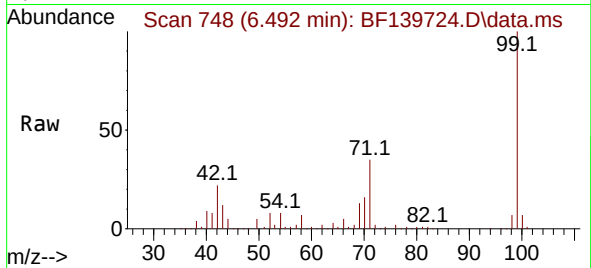




#7
Phenol-d6
Concen: 27.324 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF139724.D
Acq: 09 Oct 2024 16:02

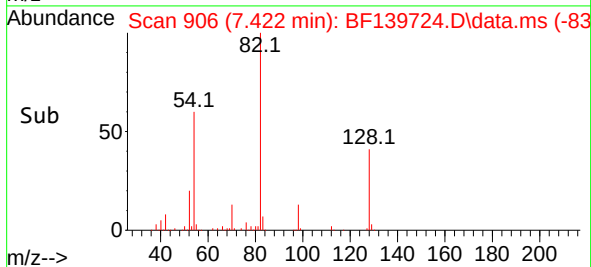
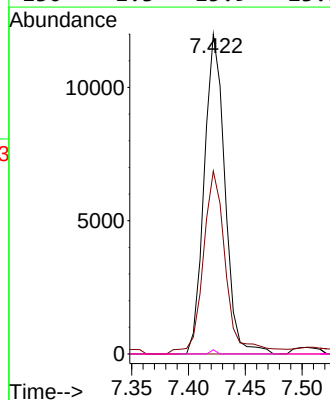
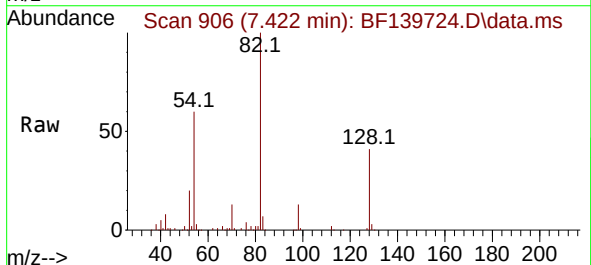
Instrument :
BNA_F
ClientSampleId :
EO-03-100724

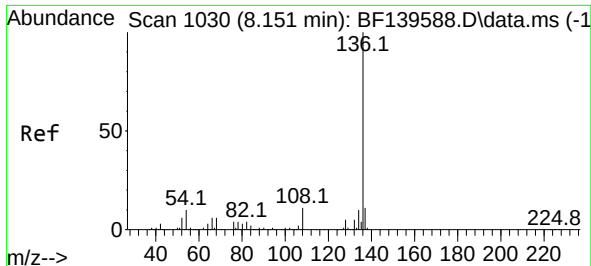
Tgt Ion: 99 Resp: 176921
Ion Ratio Lower Upper
99 100
42 22.1 19.1 28.7
71 35.1 29.7 44.5



#19
n-Nitroso-di-n-propylamine
Concen: 3.649 ng
RT: 7.422 min Scan# 906
Delta R.T. 0.135 min
Lab File: BF139724.D
Acq: 09 Oct 2024 16:02

Tgt Ion: 70 Resp: 15191
Ion Ratio Lower Upper
70 100
42 57.2 58.0 87.0#
101 0.0 7.8 11.8#
130 1.3 15.9 23.9#

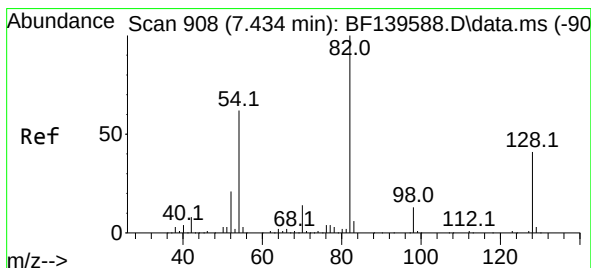
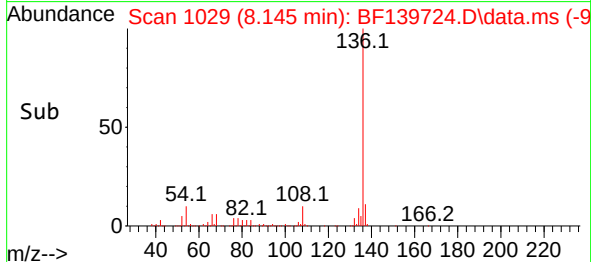
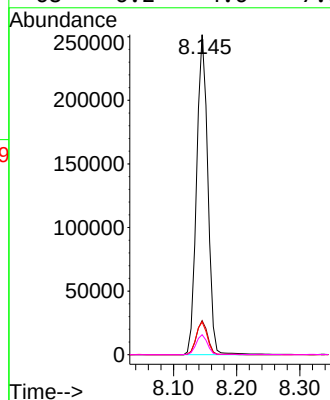
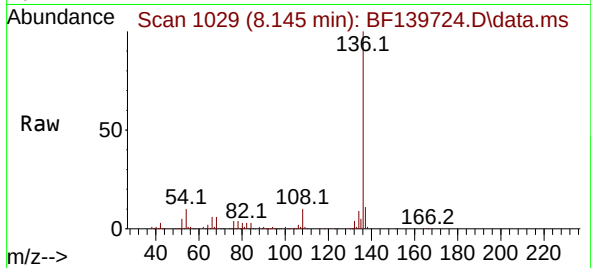




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF139724.D
Acq: 09 Oct 2024 16:02

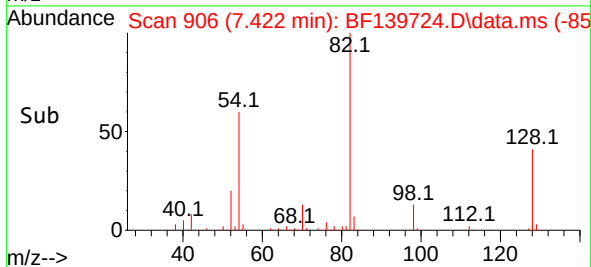
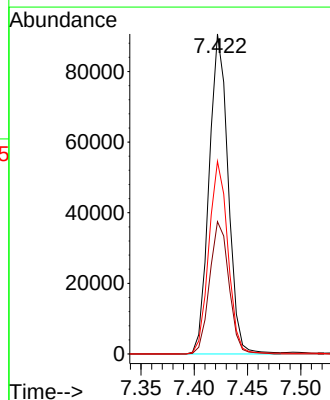
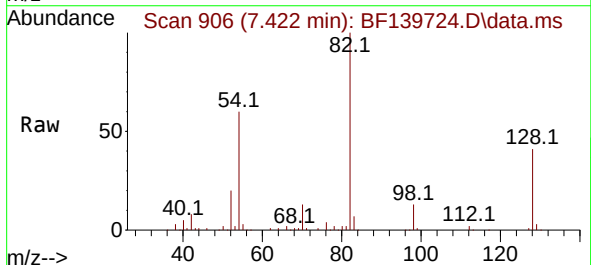
Instrument :
BNA_F
ClientSampleId :
EO-03-100724

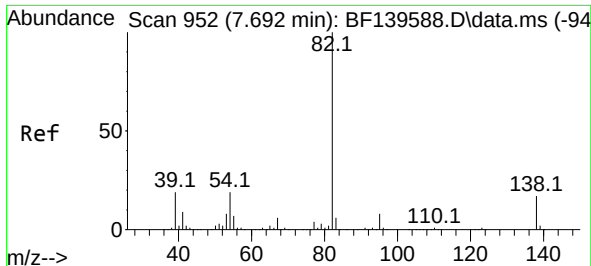
Tgt Ion:136 Resp: 309461
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 10.2 8.3 12.5
68 6.2 4.6 7.0



#23
Nitrobenzene-d5
Concen: 18.464 ng
RT: 7.422 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF139724.D
Acq: 09 Oct 2024 16:02

Tgt Ion: 82 Resp: 112858
Ion Ratio Lower Upper
82 100
128 41.4 32.4 48.6
54 60.2 49.1 73.7

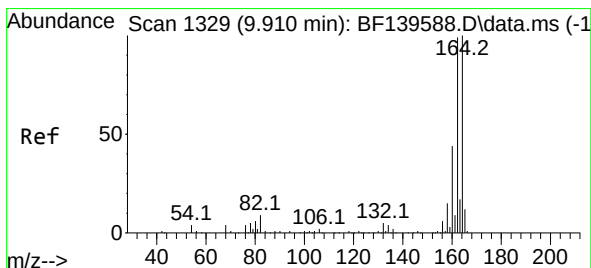
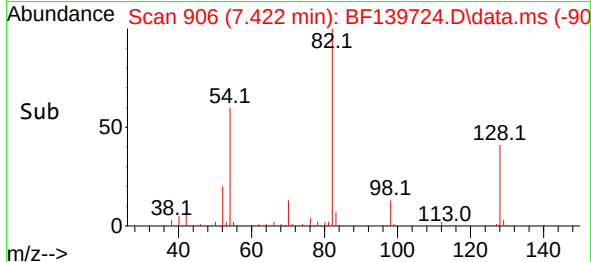
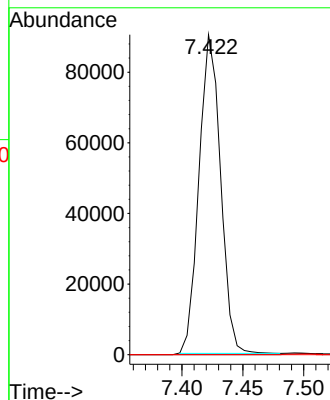
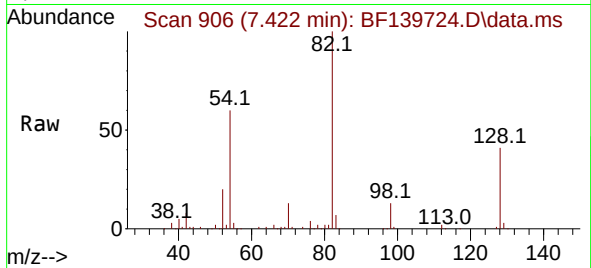




#25
Isophorone
Concen: 10.215 ng
RT: 7.422 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF139724.D
Acq: 09 Oct 2024 16:02

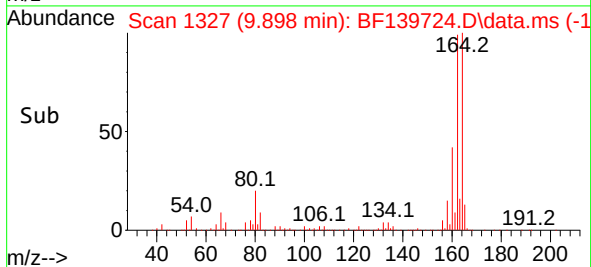
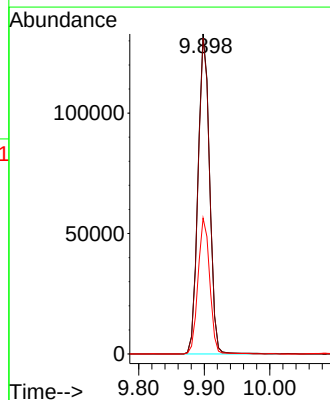
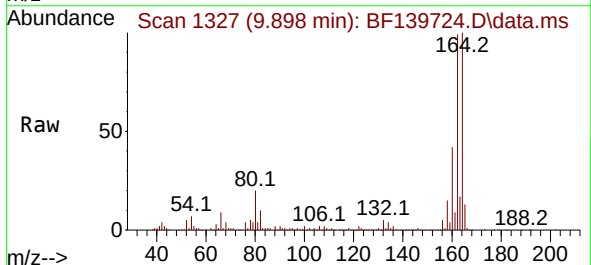
Instrument :
BNA_F
ClientSampleId :
EO-03-100724

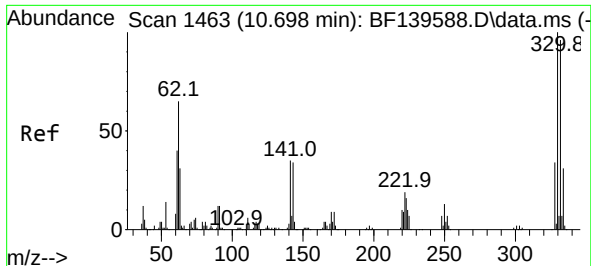
Tgt Ion: 82 Resp: 110896
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF139724.D
Acq: 09 Oct 2024 16:02

Tgt Ion: 164 Resp: 163569
Ion Ratio Lower Upper
164 100
162 98.7 79.4 119.0
160 42.4 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 23.482 ng

RT: 10.686 min Scan# 1461

Delta R.T. -0.012 min

Lab File: BF139724.D

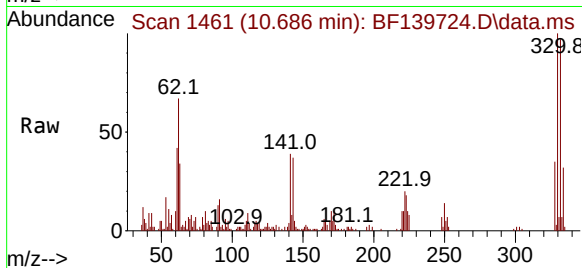
Acq: 09 Oct 2024 16:02

Instrument :

BNA_F

ClientSampleId :

EO-03-100724



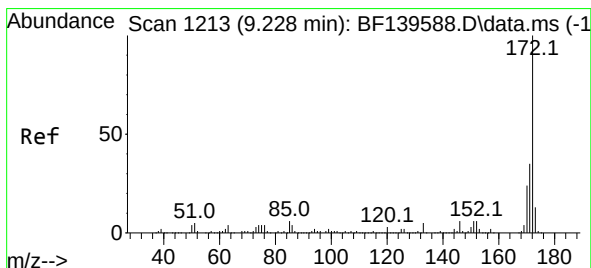
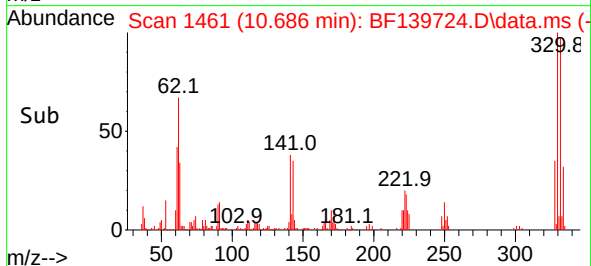
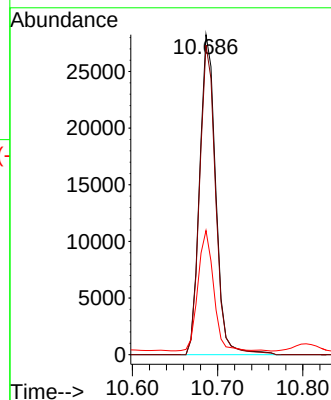
Tgt Ion:330 Resp: 37078

Ion Ratio Lower Upper

330 100

332 96.0 76.5 114.7

141 36.4 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 21.042 ng

RT: 9.216 min Scan# 1211

Delta R.T. -0.012 min

Lab File: BF139724.D

Acq: 09 Oct 2024 16:02

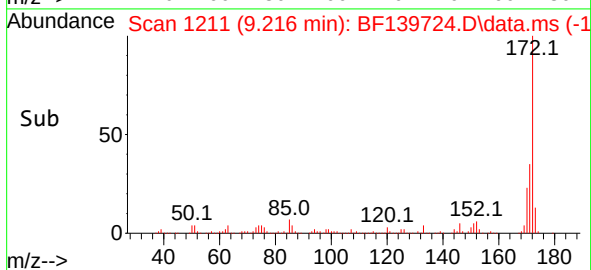
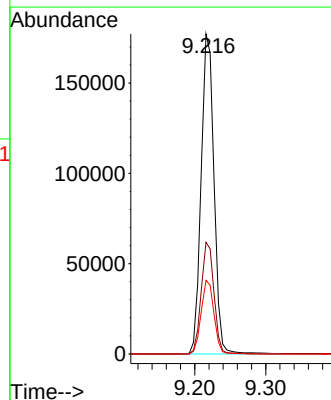
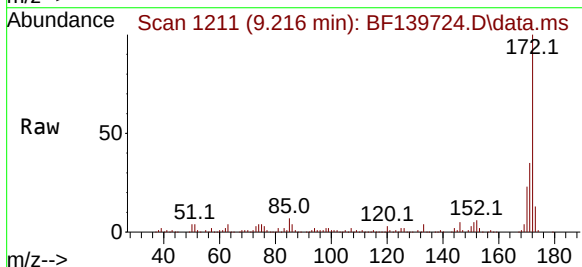
Tgt Ion:172 Resp: 224193

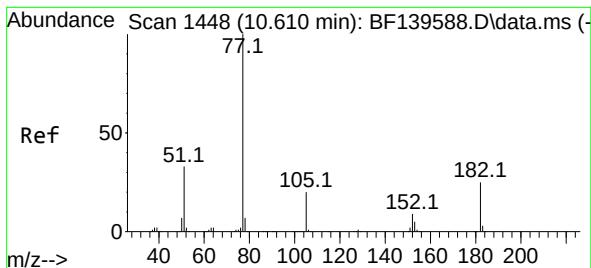
Ion Ratio Lower Upper

172 100

171 34.9 28.2 42.4

170 23.0 18.8 28.2





#63

Azobenzene

Concen: 2.136 ng

RT: 10.610 min Scan# 1448

Delta R.T. -0.000 min

Lab File: BF139724.D

Acq: 09 Oct 2024 16:02

Instrument :

BNA_F

ClientSampleId :

EO-03-100724

Tgt Ion: 77 Resp: 23758

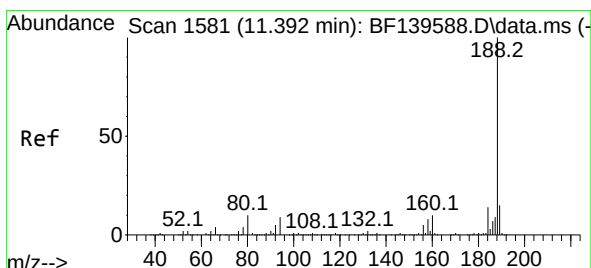
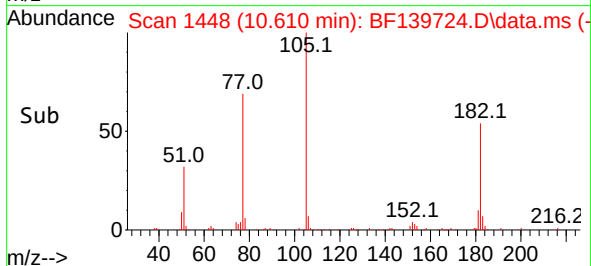
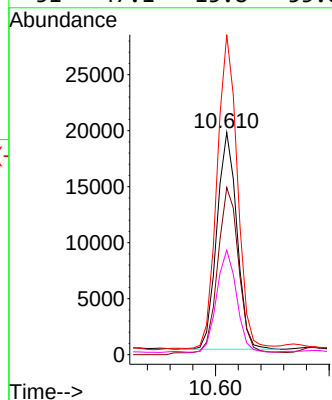
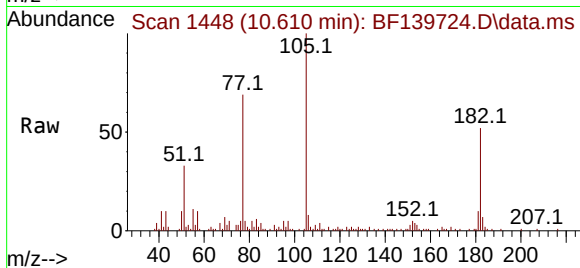
Ion Ratio Lower Upper

77 100

182 75.3 4.2 44.2#

105 144.0 0.0 39.6#

51 47.1 15.8 55.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1580

Delta R.T. -0.006 min

Lab File: BF139724.D

Acq: 09 Oct 2024 16:02

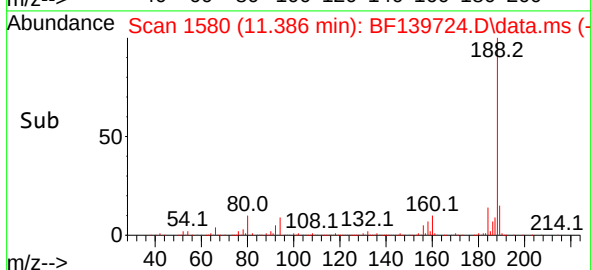
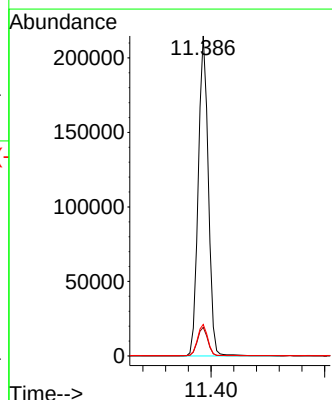
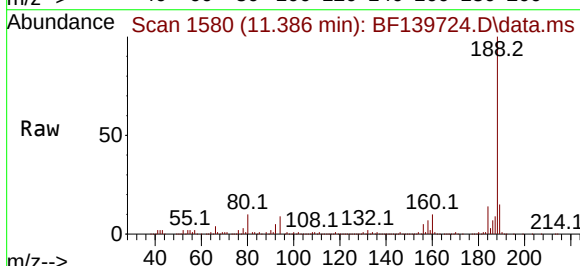
Tgt Ion: 188 Resp: 265584

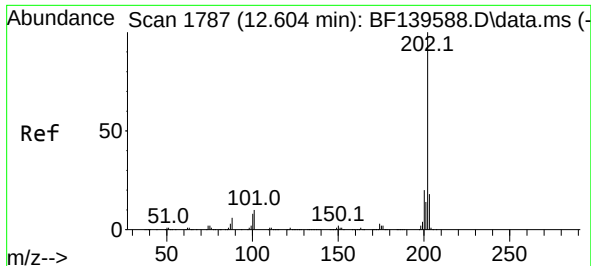
Ion Ratio Lower Upper

188 100

94 8.9 7.4 11.2

80 9.9 8.2 12.2

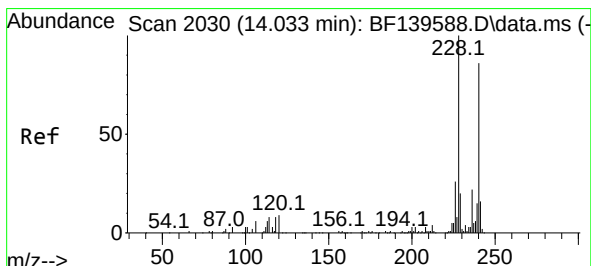
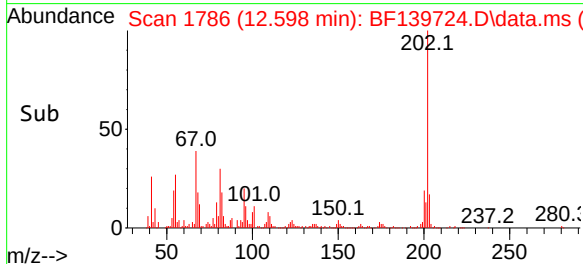
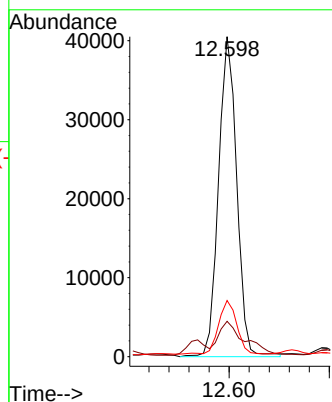
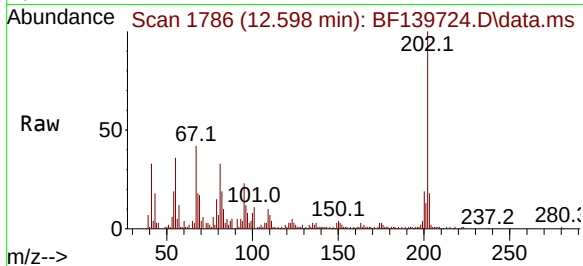




#75
Fluoranthene
Concen: 3.728 ng
RT: 12.598 min Scan# 1786
Delta R.T. -0.006 min
Lab File: BF139724.D
Acq: 09 Oct 2024 16:02

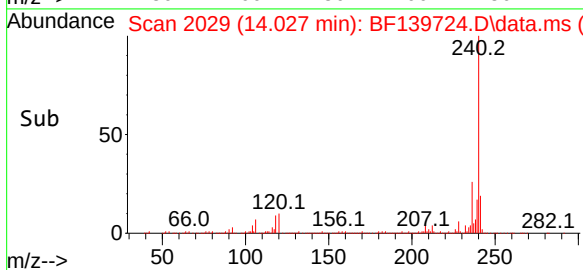
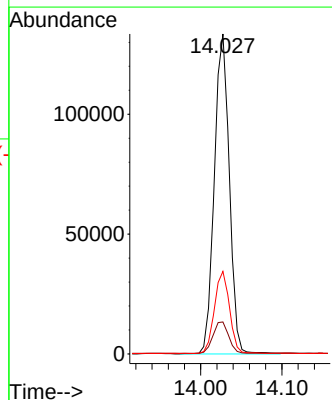
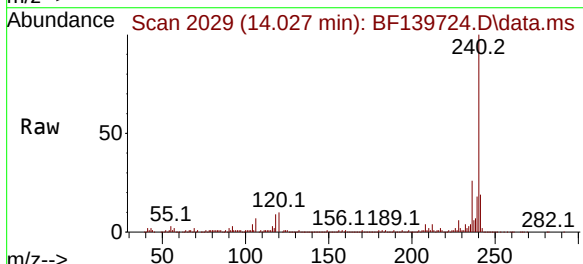
Instrument :
BNA_F
ClientSampleId :
EO-03-100724

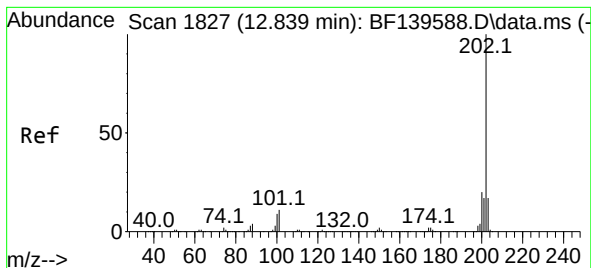
Tgt Ion:	202	Resp:	51039
Ion Ratio	Lower	Upper	
202	100		
101	11.1	0.0	30.2
203	17.5	0.0	37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF139724.D
Acq: 09 Oct 2024 16:02

Tgt Ion:	240	Resp:	171547
Ion Ratio	Lower	Upper	
240	100		
120	10.0	8.4	12.6
236	25.8	20.3	30.5





#78

Pyrene

Concen: 2.944 ng

RT: 12.827 min Scan# 1825

Delta R.T. -0.012 min

Lab File: BF139724.D

Acq: 09 Oct 2024 16:02

Instrument :

BNA_F

ClientSampleId :

EO-03-100724

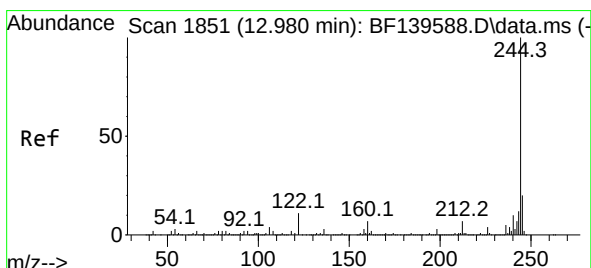
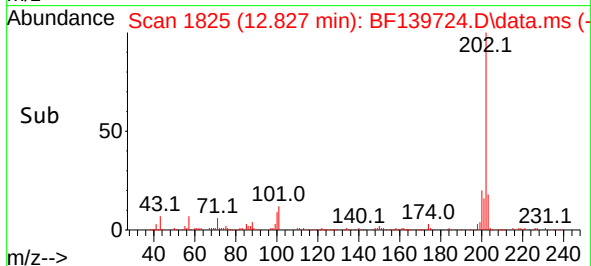
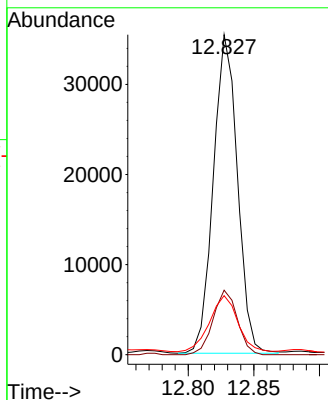
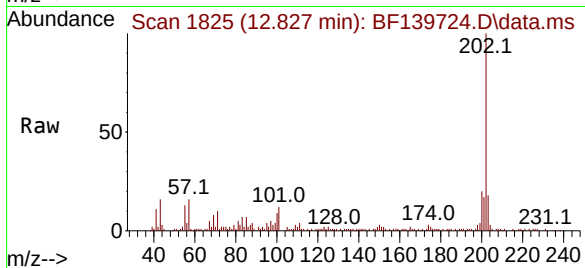
Tgt Ion:202 Resp: 45164

Ion Ratio Lower Upper

202 100

200 20.2 15.8 23.6

203 18.4 13.8 20.8



#79

Terphenyl-d14

Concen: 17.388 ng

RT: 12.969 min Scan# 1849

Delta R.T. -0.011 min

Lab File: BF139724.D

Acq: 09 Oct 2024 16:02

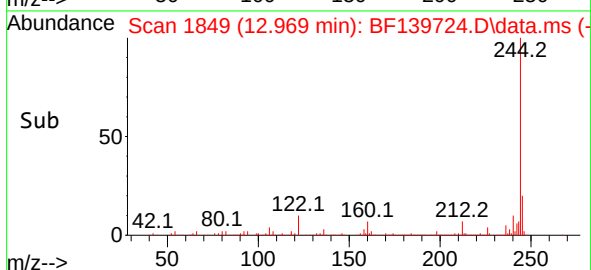
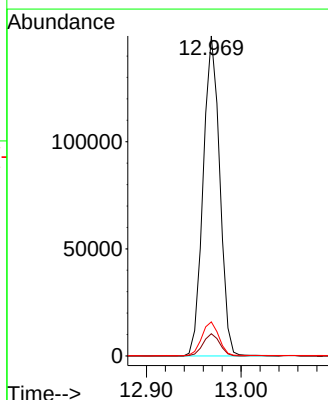
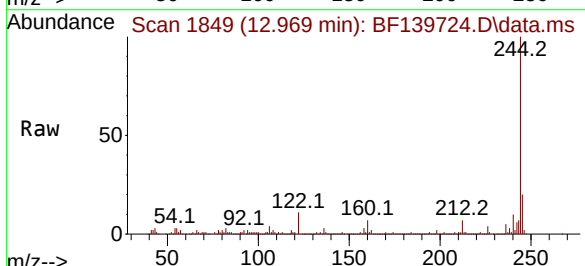
Tgt Ion:244 Resp: 181794

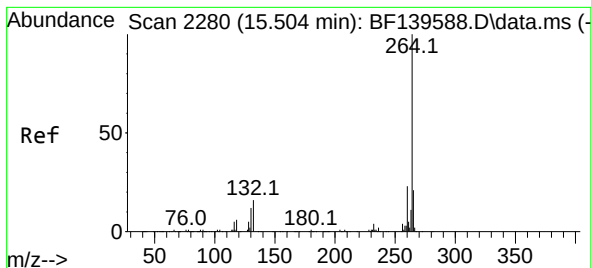
Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

122 10.6 8.6 12.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF139724.D

Acq: 09 Oct 2024 16:02

Instrument :

BNA_F

ClientSampleId :

EO-03-100724

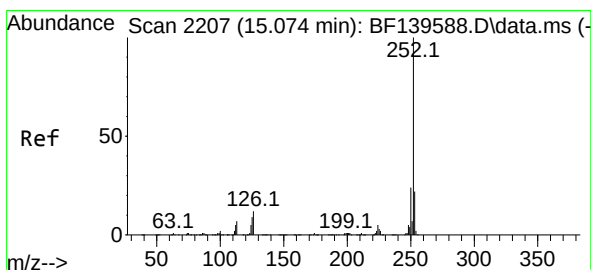
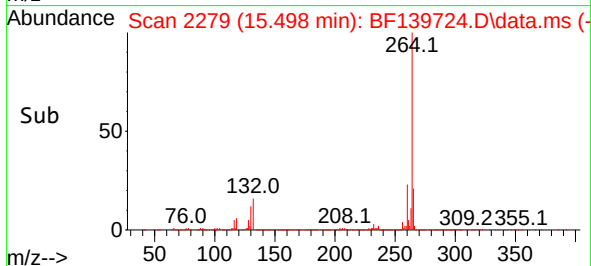
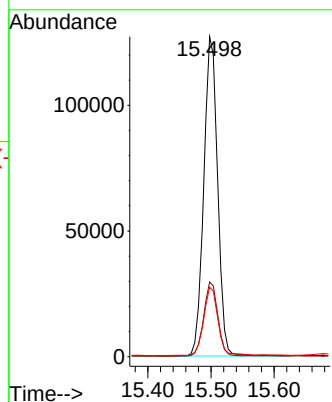
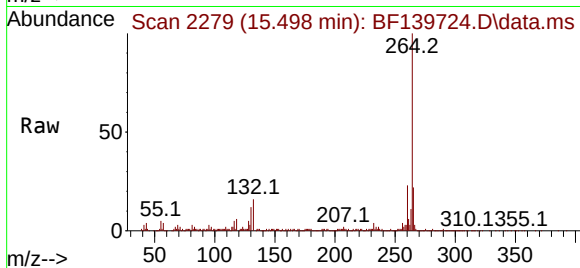
Tgt Ion:264 Resp: 193884

Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

265 21.7 16.9 25.3



#88

Benzo(b)fluoranthene

Concen: 3.618 ng

RT: 15.068 min Scan# 2206

Delta R.T. -0.006 min

Lab File: BF139724.D

Acq: 09 Oct 2024 16:02

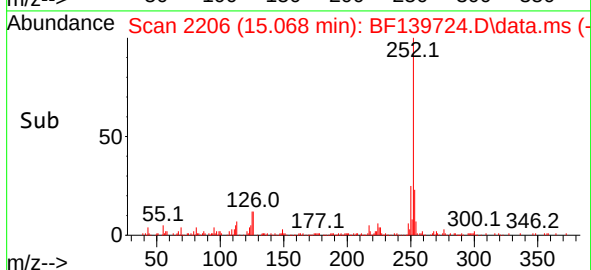
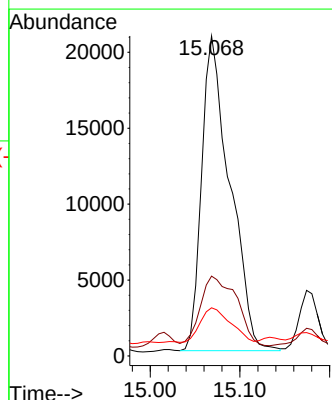
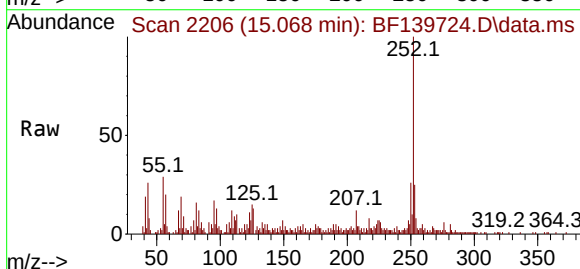
Tgt Ion:252 Resp: 45351

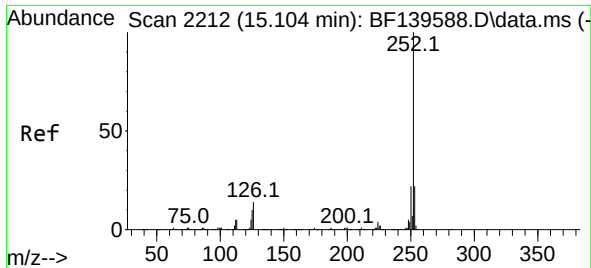
Ion Ratio Lower Upper

252 100

253 25.0 17.4 26.0

125 15.0 7.4 11.0#





#89

Benzo(k)fluoranthene

Concen: 4.265 ng

RT: 15.068 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF139724.D

Acq: 09 Oct 2024 16:02

Instrument :

BNA_F

ClientSampleId :

EO-03-100724

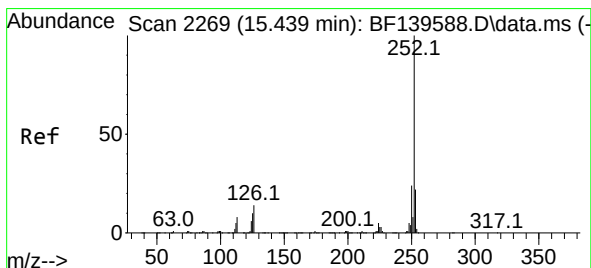
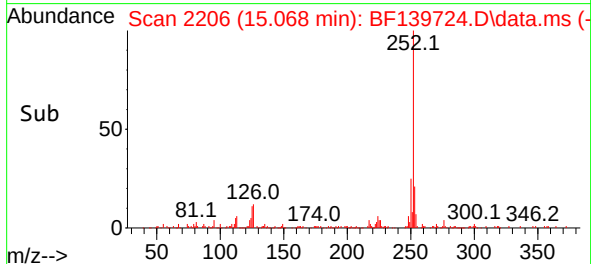
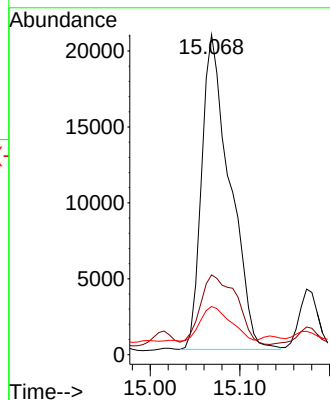
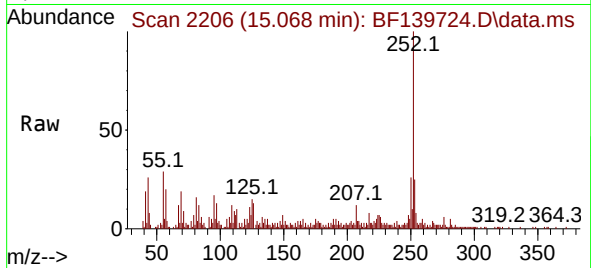
Tgt Ion:252 Resp: 45351

Ion Ratio Lower Upper

252 100

253 25.0 17.5 26.3

125 15.0 7.6 11.4#



#90

Benzo(a)pyrene

Concen: 2.566 ng

RT: 15.433 min Scan# 2268

Delta R.T. -0.006 min

Lab File: BF139724.D

Acq: 09 Oct 2024 16:02

Tgt Ion:252 Resp: 25363

Ion Ratio Lower Upper

252 100

253 25.1 17.3 25.9

125 15.4 8.3 12.5#

