

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121123\
 Data File : BF136505.D
 Acq On : 11 Dec 2023 23:00
 Operator : CG\JU
 Sample : 05661-01 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-120623

Quant Time: Dec 11 23:47:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

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

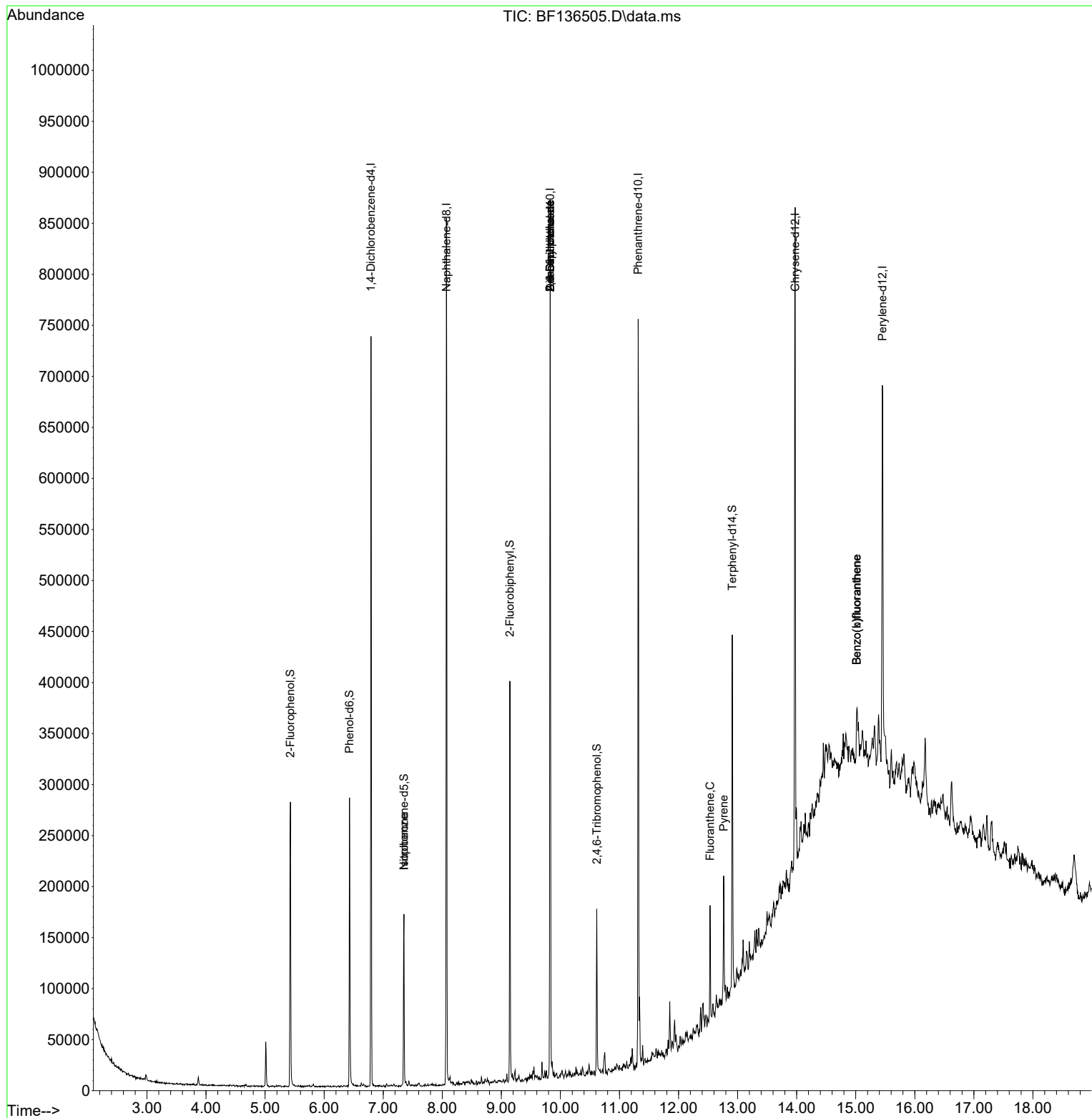
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	102554	20.000	ng	-0.01
21) Naphthalene-d8	8.069	136	368006	20.000	ng	-0.01
39) Acenaphthene-d10	9.828	164	162820	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	280309	20.000	ng	-0.01
76) Chrysene-d12	13.975	240	223029	20.000	ng	0.00
86) Perylene-d12	15.451	264	187890	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	80622	11.610	ng	0.00
7) Phenol-d6	6.428	99	92967	10.730	ng	-0.02
23) Nitrobenzene-d5	7.351	82	51774	7.606	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	18805	9.367	ng	-0.02
45) 2-Fluorobiphenyl	9.145	172	110895	9.293	ng	-0.02
79) Terphenyl-d14	12.910	244	115526	6.827	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.428	77	191	Below Cal	#	1
25) Isophorone	7.351	82	51774	4.233	ng	# 65
50) Dimethylphthalate	9.828	163	32043	2.673	ng	# 1
51) 2,6-Dinitrotoluene	9.828	165	20705	7.678	ng	# 29
57) 2,4-Dinitrotoluene	9.828	165	20705	5.804	ng	# 28
75) Fluoranthene	12.533	202	40916	2.534	ng	94
77) Benzidine	12.657	184	643	Below Cal	#	1
78) Pyrene	12.763	202	50619	2.317	ng	98
88) Benzo(b)fluoranthene	15.016	252	34261	2.667	ng	# 75
89) Benzo(k)fluoranthene	15.016	252	34261	2.830	ng	# 76

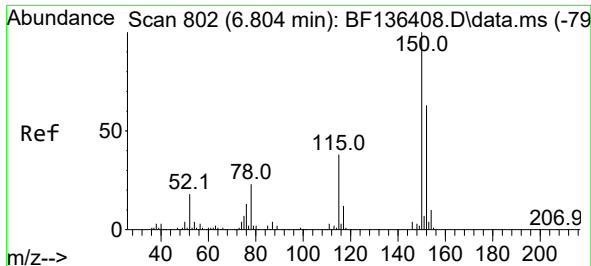
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121123\
Data File : BF136505.D
Acq On : 11 Dec 2023 23:00
Operator : CG\JU
Sample : 05661-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-120623

Quant Time: Dec 11 23:47:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 09:40:27 2023
Response via : Initial Calibration

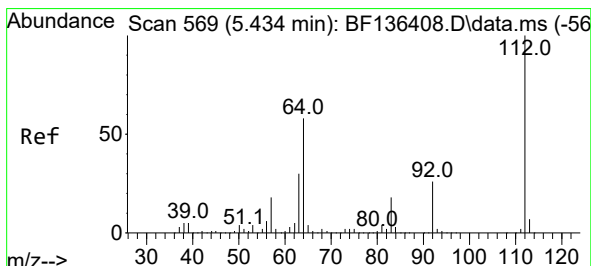
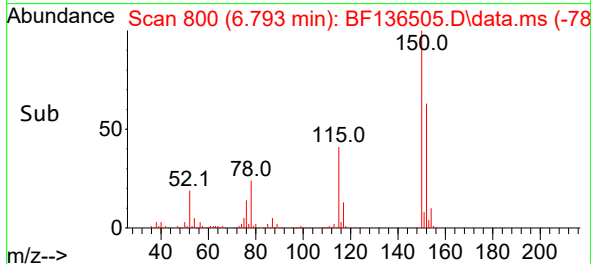
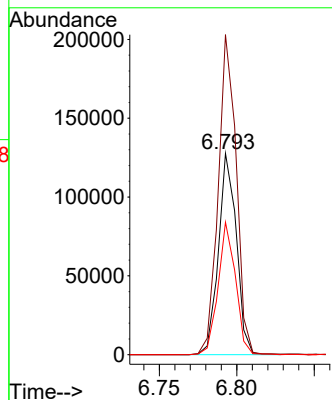
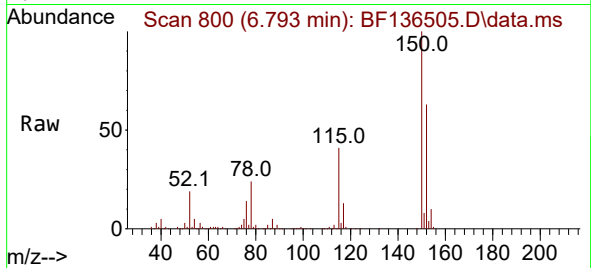




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 802
Delta R.T. -0.011 min
Lab File: BF136505.D
Acq: 11 Dec 2023 23:00

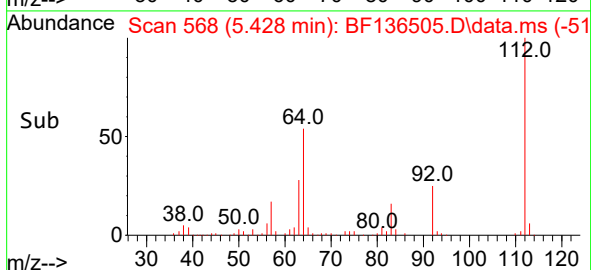
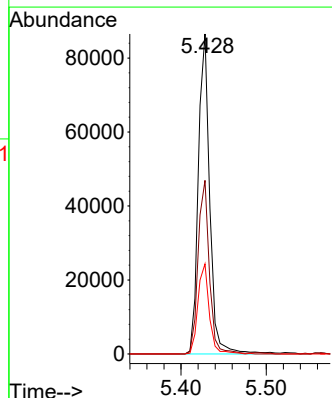
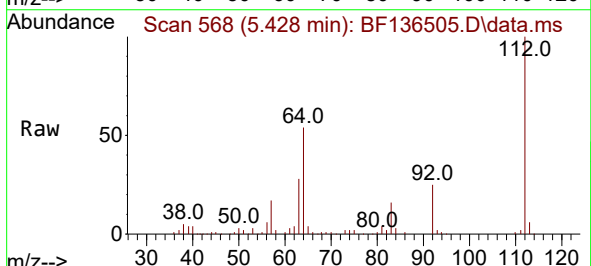
Instrument :
BNA_F
ClientSampleId :
OK-01-120623

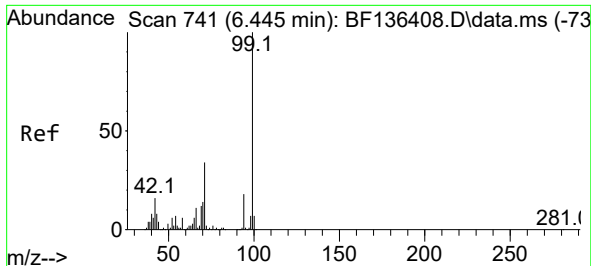
Tgt Ion:152 Resp: 102554
Ion Ratio Lower Upper
152 100
150 159.0 126.4 189.6
115 65.8 48.2 72.4



#5
2-Fluorophenol
Concen: 11.610 ng
RT: 5.428 min Scan# 568
Delta R.T. -0.006 min
Lab File: BF136505.D
Acq: 11 Dec 2023 23:00

Tgt Ion:112 Resp: 80622
Ion Ratio Lower Upper
112 100
64 54.3 46.5 69.7
63 28.2 23.9 35.9

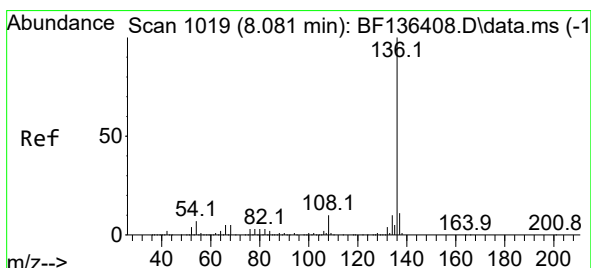
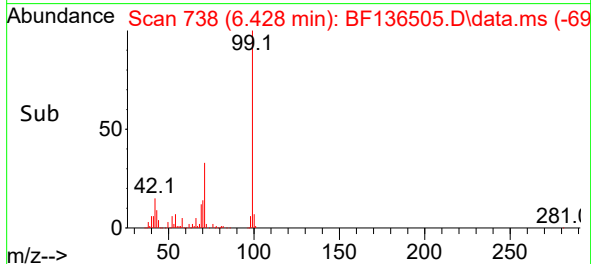
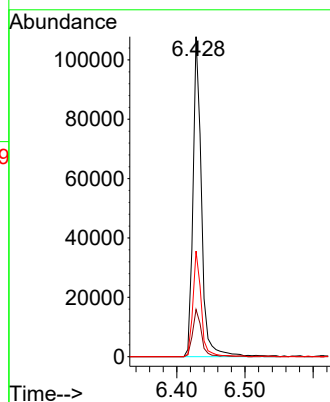
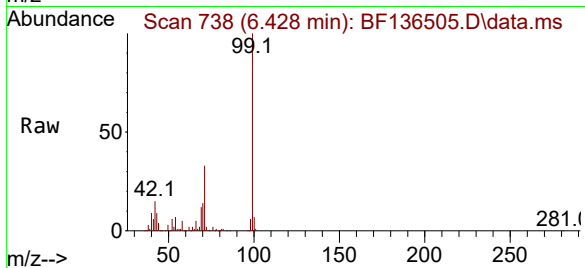




#7
Phenol-d6
Concen: 10.730 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF136505.D
Acq: 11 Dec 2023 23:00

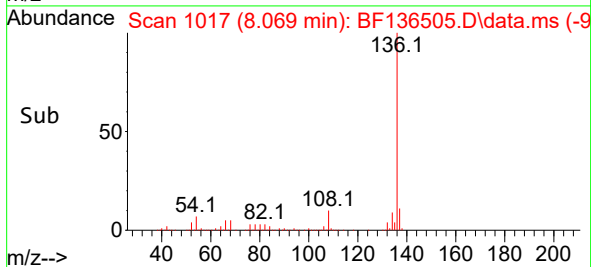
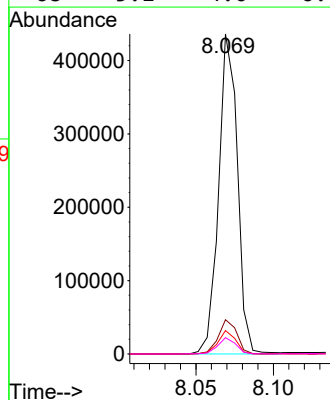
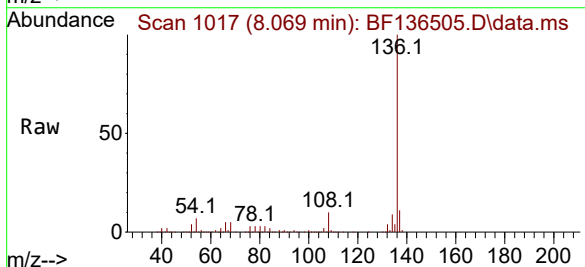
Instrument :
BNA_F
ClientSampleId :
OK-01-120623

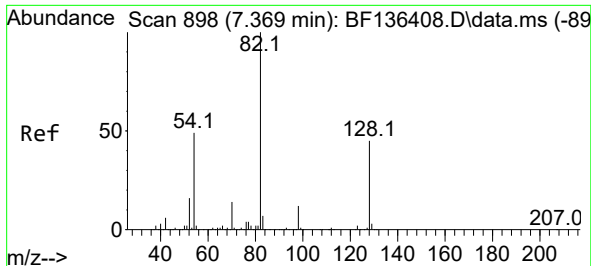
Tgt Ion: 99 Resp: 92967
Ion Ratio Lower Upper
99 100
42 14.8 12.8 19.2
71 33.0 27.0 40.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF136505.D
Acq: 11 Dec 2023 23:00

Tgt Ion: 136 Resp: 368006
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 7.3 5.7 8.5
68 5.1 4.0 6.0





#23

Nitrobenzene-d5

Concen: 7.606 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.017 min

Lab File: BF136505.D

Acq: 11 Dec 2023 23:00

Instrument :

BNA_F

ClientSampleId :

OK-01-120623

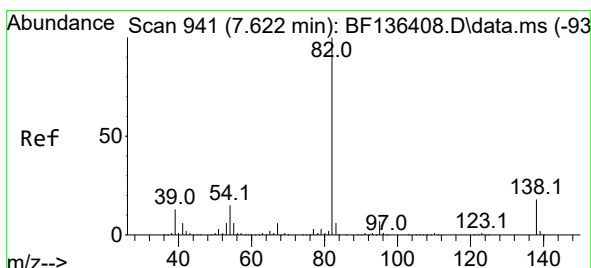
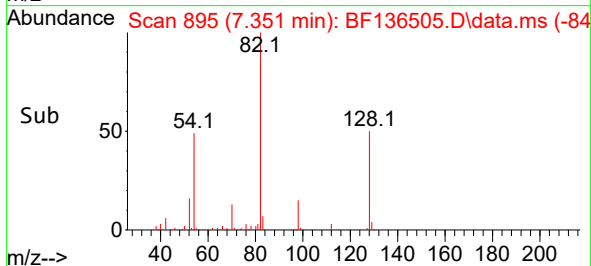
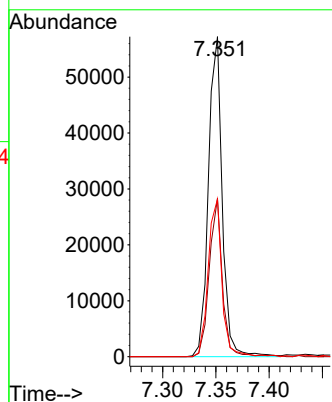
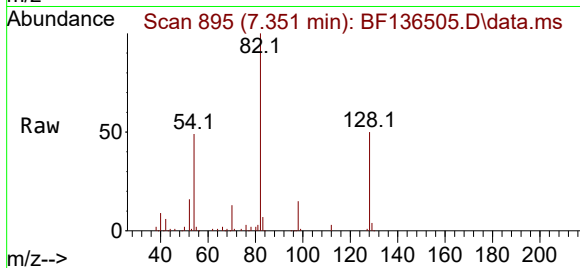
Tgt Ion: 82 Resp: 51774

Ion Ratio Lower Upper

82 100

128 49.6 36.3 54.5

54 49.3 39.0 58.6



#25

Isophorone

Concen: 4.233 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.270 min

Lab File: BF136505.D

Acq: 11 Dec 2023 23:00

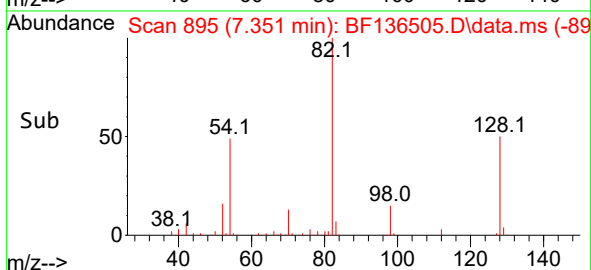
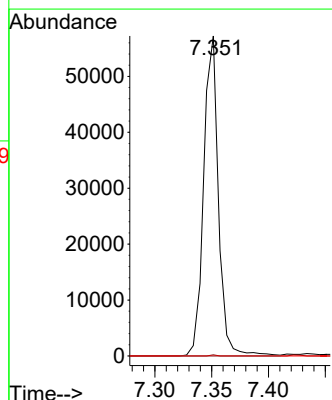
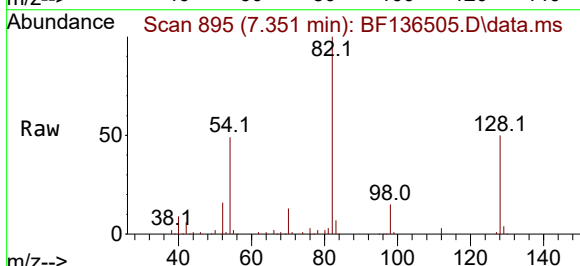
Tgt Ion: 82 Resp: 51774

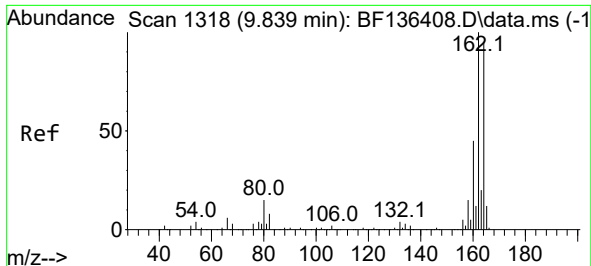
Ion Ratio Lower Upper

82 100

95 0.4 5.7 8.5#

138 0.0 14.5 21.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1316

Delta R.T. -0.012 min

Lab File: BF136505.D

Acq: 11 Dec 2023 23:00

Instrument :

BNA_F

ClientSampleId :

OK-01-120623

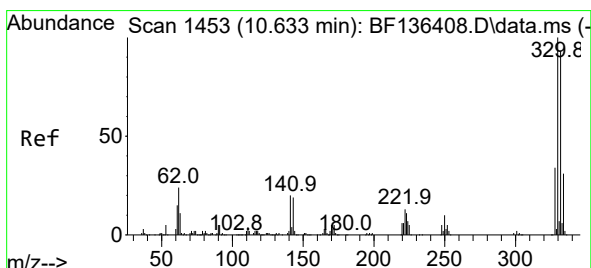
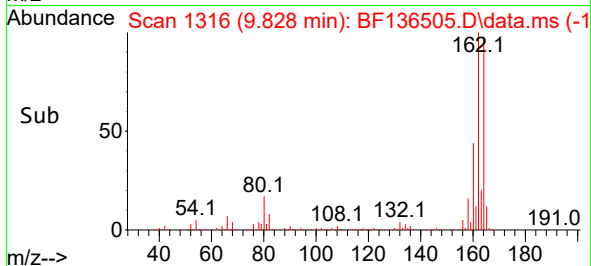
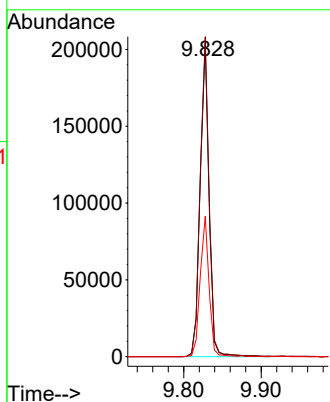
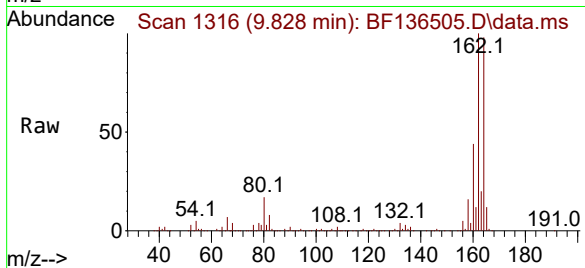
Tgt Ion:164 Resp: 162820

Ion Ratio Lower Upper

164 100

162 102.2 84.4 126.6

160 44.8 37.6 56.4



#42

2,4,6-Tribromophenol

Concen: 9.367 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.017 min

Lab File: BF136505.D

Acq: 11 Dec 2023 23:00

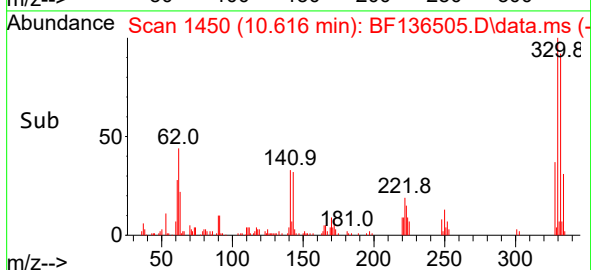
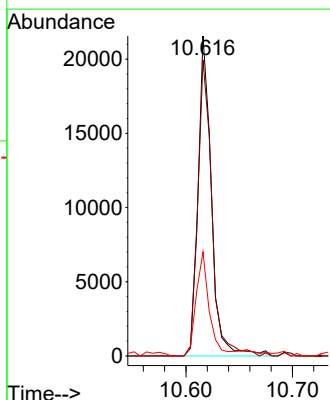
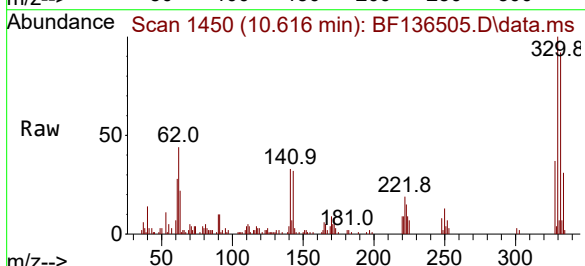
Tgt Ion:330 Resp: 18805

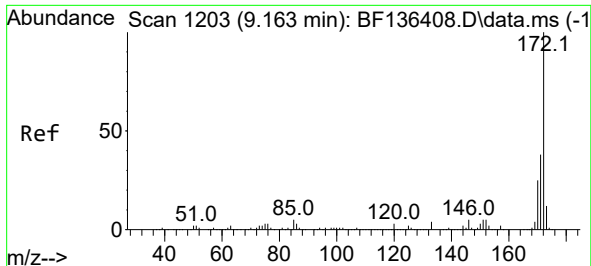
Ion Ratio Lower Upper

330 100

332 97.8 76.4 114.6

141 32.1 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 9.293 ng

RT: 9.145 min Scan# 1316

Delta R.T. -0.017 min

Lab File: BF136505.D

Acq: 11 Dec 2023 23:00

Instrument :

BNA_F

ClientSampleId :

OK-01-120623

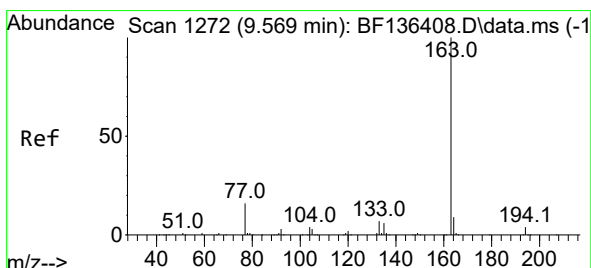
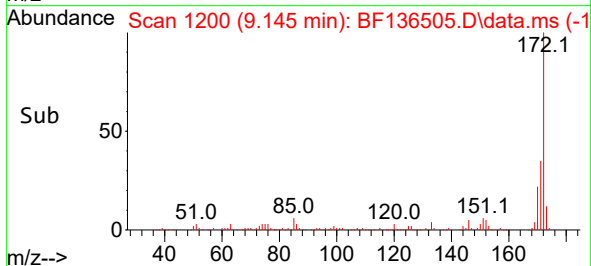
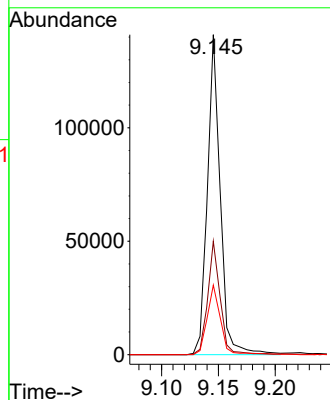
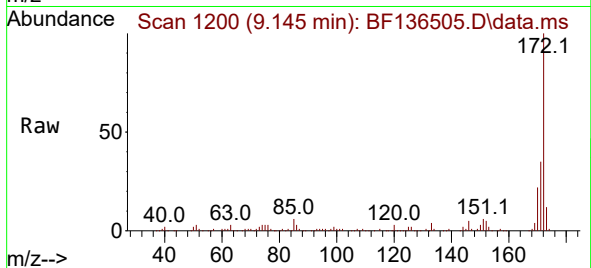
Tgt Ion:172 Resp: 110895

Ion Ratio Lower Upper

172 100

171 35.4 30.5 45.7

170 21.8 19.9 29.9



#50

Dimethylphthalate

Concen: 2.673 ng

RT: 9.828 min Scan# 1316

Delta R.T. 0.259 min

Lab File: BF136505.D

Acq: 11 Dec 2023 23:00

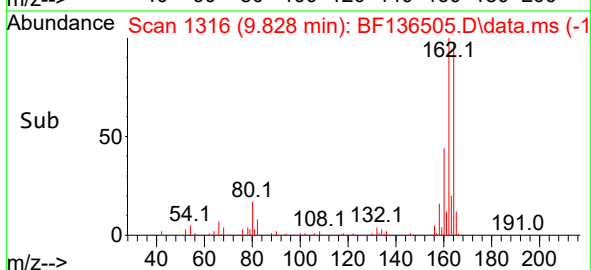
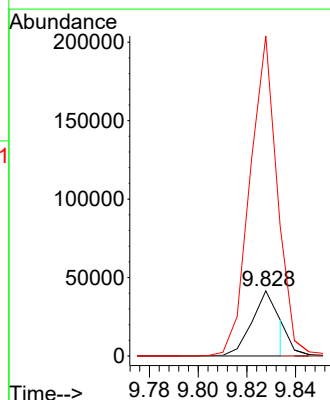
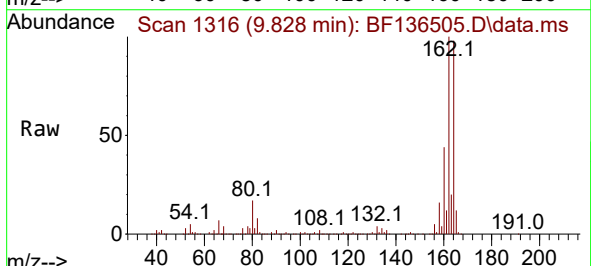
Tgt Ion:163 Resp: 32043

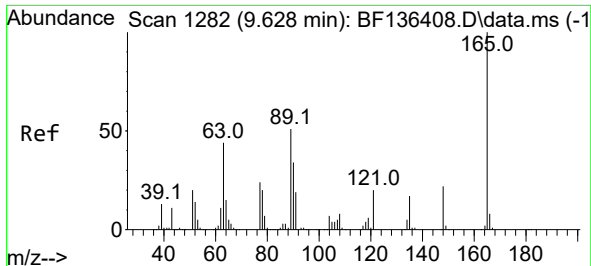
Ion Ratio Lower Upper

163 100

194 0.0 3.0 4.6#

164 490.9 7.4 11.2#

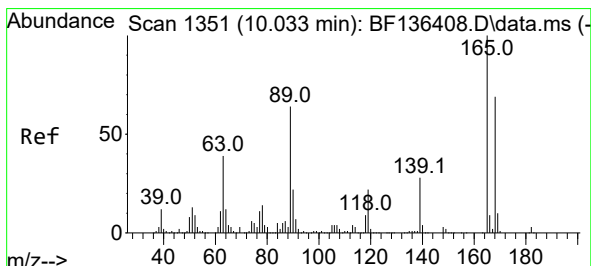
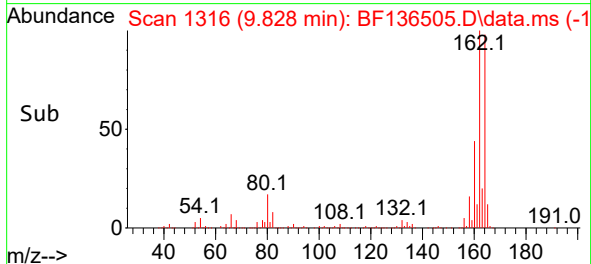
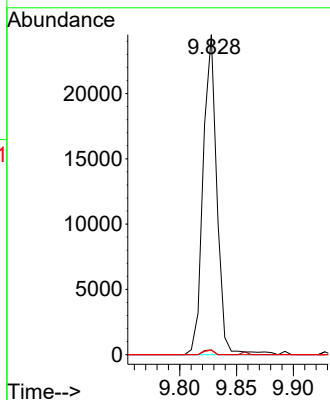
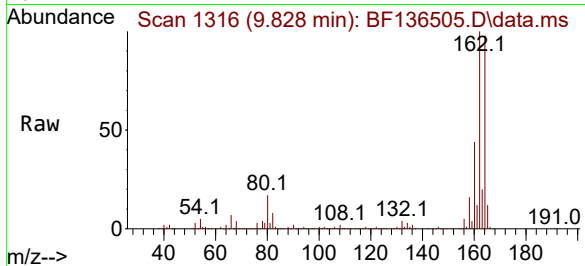




#51
2,6-Dinitrotoluene
Concen: 7.678 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.200 min
Lab File: BF136505.D
Acq: 11 Dec 2023 23:00

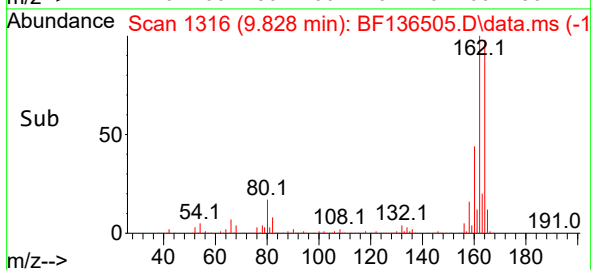
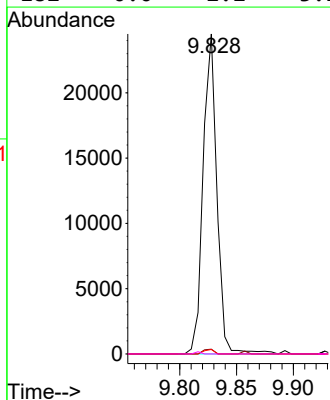
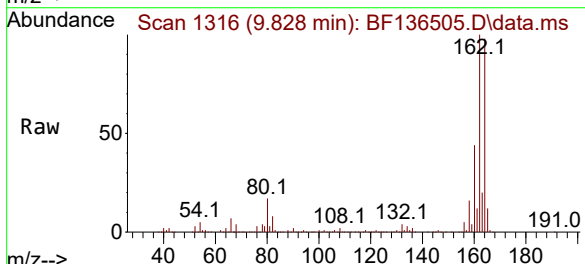
Instrument :
BNA_F
ClientSampleId :
OK-01-120623

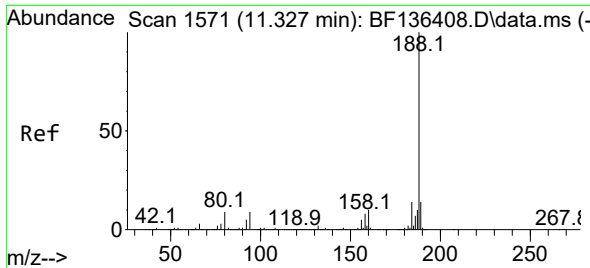
Tgt Ion:165 Resp: 20705
Ion Ratio Lower Upper
165 100
63 1.5 40.4 60.6#
89 1.4 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.804 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.206 min
Lab File: BF136505.D
Acq: 11 Dec 2023 23:00

Tgt Ion:165 Resp: 20705
Ion Ratio Lower Upper
165 100
63 1.5 31.4 47.2#
89 1.4 51.7 77.5#
182 0.0 2.2 3.2#

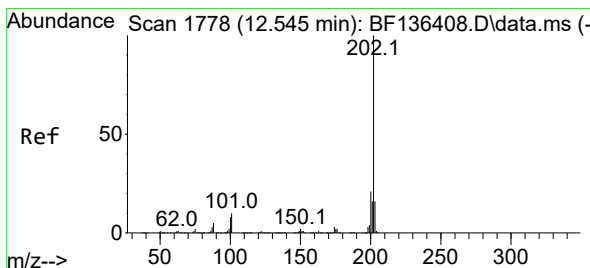
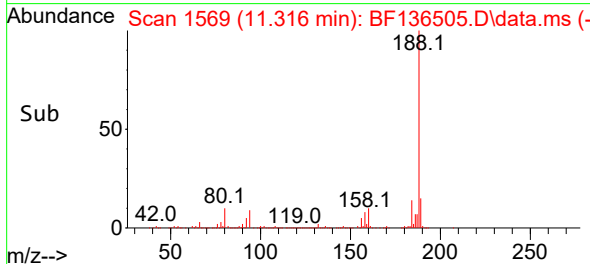
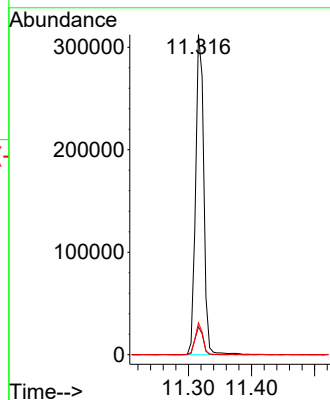
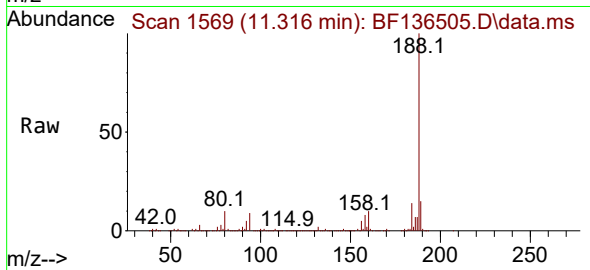




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136505.D
Acq: 11 Dec 2023 23:00

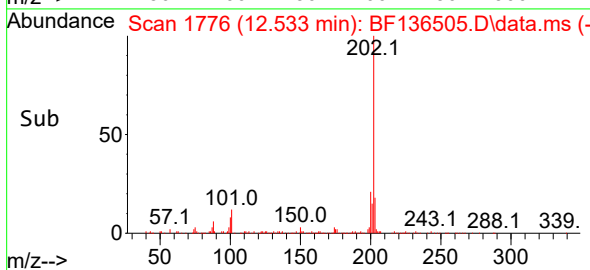
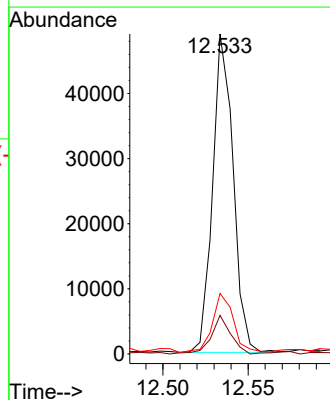
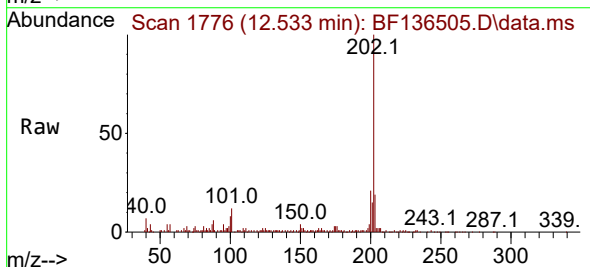
Instrument :
BNA_F
ClientSampleId :
OK-01-120623

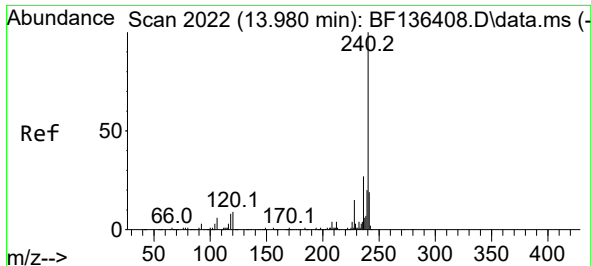
Tgt Ion:188 Resp: 280309
Ion Ratio Lower Upper
188 100
94 8.7 7.2 10.8
80 10.0 7.2 10.8



#75
Fluoranthene
Concen: 2.534 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.012 min
Lab File: BF136505.D
Acq: 11 Dec 2023 23:00

Tgt Ion:202 Resp: 40916
Ion Ratio Lower Upper
202 100
101 12.1 0.0 29.9
203 18.9 0.0 36.3

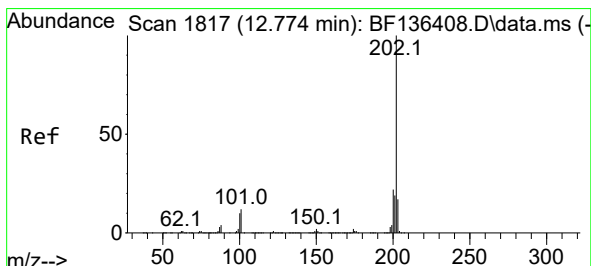
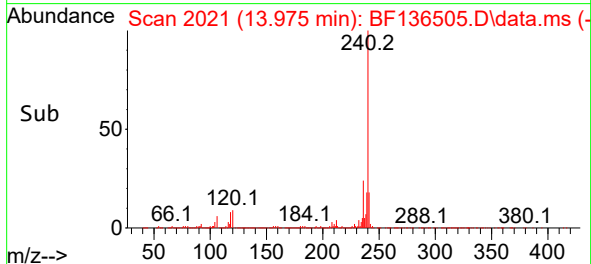
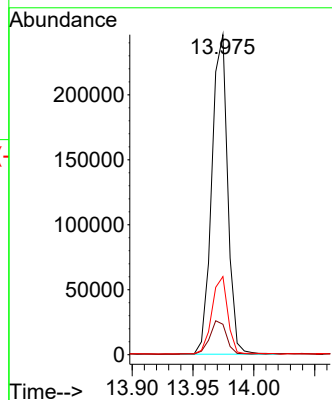
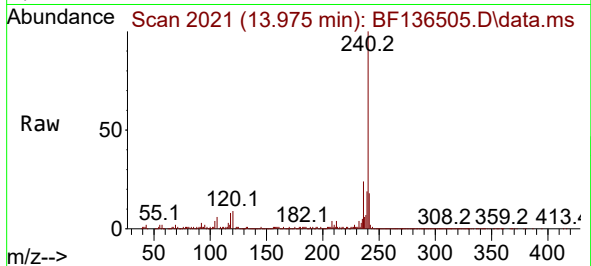




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.975 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF136505.D
Acq: 11 Dec 2023 23:00

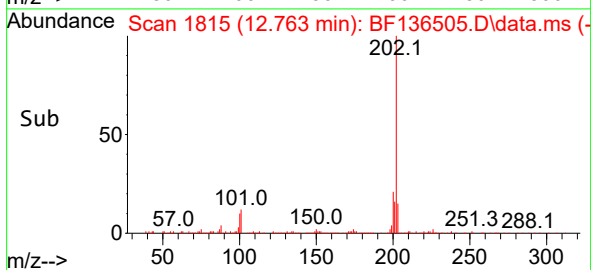
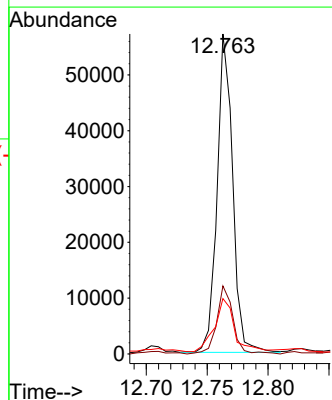
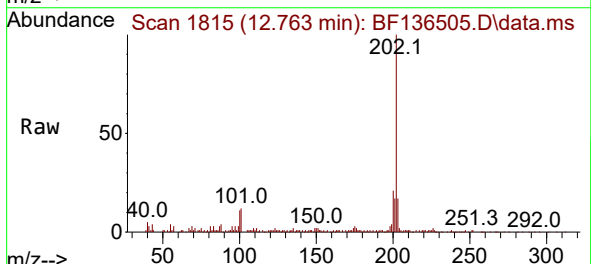
Instrument :
BNA_F
ClientSampleId :
OK-01-120623

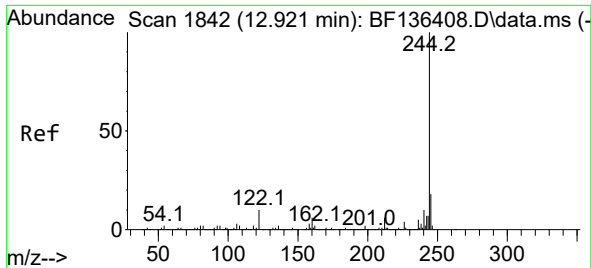
Tgt Ion:240 Resp: 223029
Ion Ratio Lower Upper
240 100
120 9.5 7.3 10.9
236 24.4 21.3 31.9



#78
Pyrene
Concen: 2.317 ng
RT: 12.763 min Scan# 1815
Delta R.T. -0.012 min
Lab File: BF136505.D
Acq: 11 Dec 2023 23:00

Tgt Ion:202 Resp: 50619
Ion Ratio Lower Upper
202 100
200 21.3 18.0 27.0
203 17.3 13.5 20.3

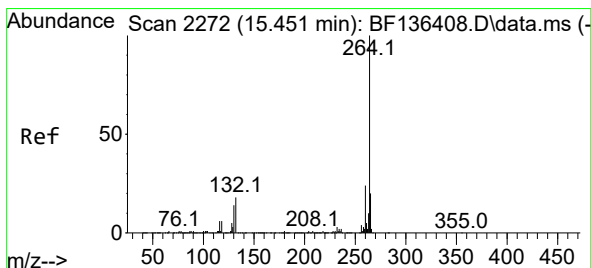
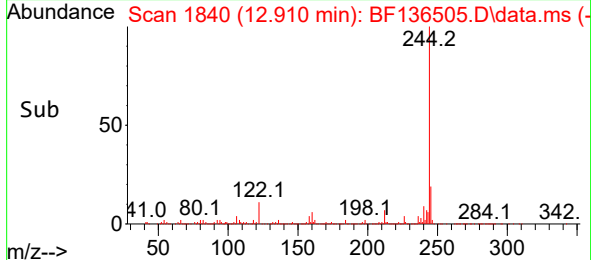
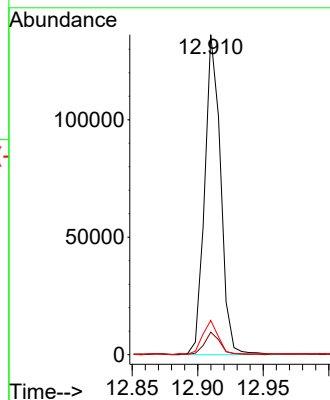
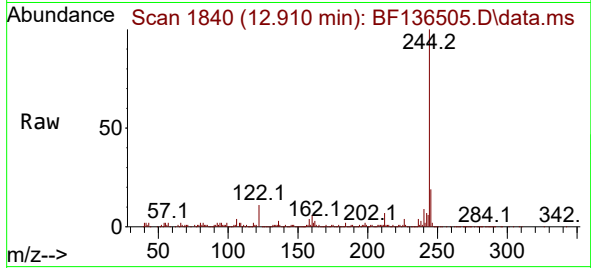




#79
 Terphenyl-d14
 Concen: 6.827 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. -0.012 min
 Lab File: BF136505.D
 Acq: 11 Dec 2023 23:00

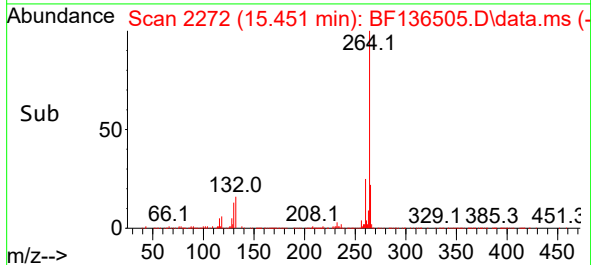
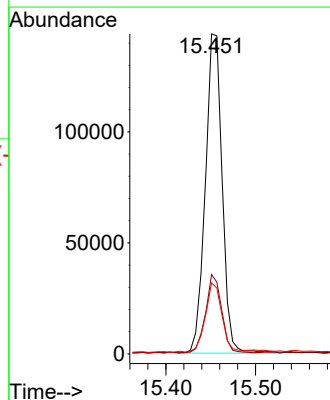
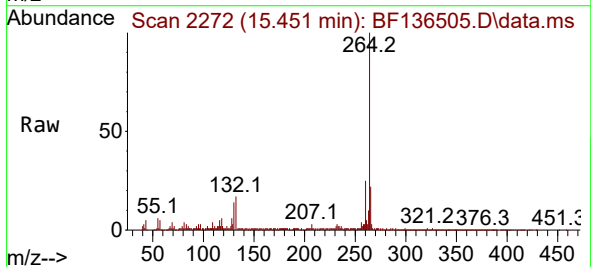
Instrument :
 BNA_F
 ClientSampleId :
 OK-01-120623

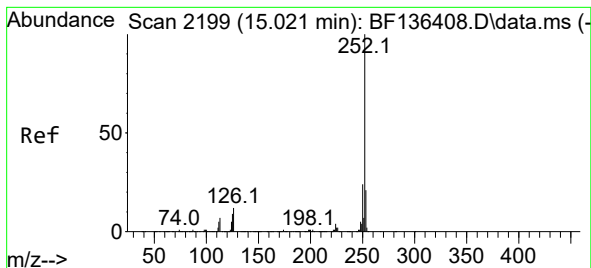
Tgt Ion:244 Resp: 115526
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.0 7.4
 122 10.7 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2272
 Delta R.T. 0.000 min
 Lab File: BF136505.D
 Acq: 11 Dec 2023 23:00

Tgt Ion:264 Resp: 187890
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.2 28.8
 265 22.2 15.9 23.9





#88

Benzo(b)fluoranthene

Concen: 2.667 ng

RT: 15.016 min Scan# 2198

Delta R.T. -0.006 min

Lab File: BF136505.D

Acq: 11 Dec 2023 23:00

Instrument :

BNA_F

ClientSampleId :

OK-01-120623

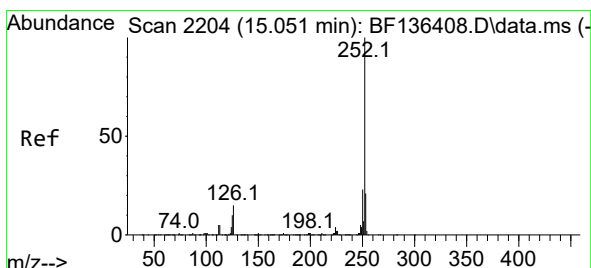
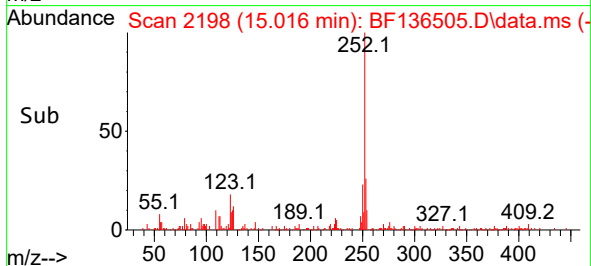
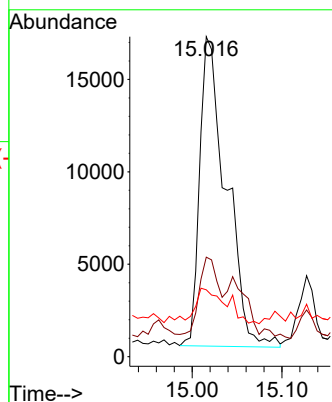
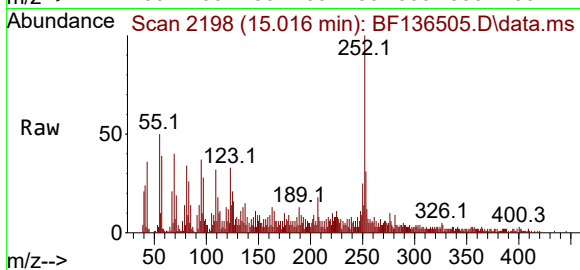
Tgt Ion:252 Resp: 34261

Ion Ratio Lower Upper

252 100

253 31.1 16.9 25.3#

125 20.9 7.4 11.2#



#89

Benzo(k)fluoranthene

Concen: 2.830 ng

RT: 15.016 min Scan# 2198

Delta R.T. -0.035 min

Lab File: BF136505.D

Acq: 11 Dec 2023 23:00

Tgt Ion:252 Resp: 34261

Ion Ratio Lower Upper

252 100

253 31.1 16.9 25.3#

125 20.9 7.5 11.3#

