

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071123\
 Data File : BF134227.D
 Acq On : 11 Jul 2023 23:01
 Operator : CG\JU
 Sample : 03412-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUCT-2

Quant Time: Jul 12 01:57:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 11 13:06:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	111330	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	419368	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	195847	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	311198	20.000	ng	0.00
76) Chrysene-d12	14.033	240	206113	20.000	ng	# 0.00
86) Perylene-d12	15.539	264	180802	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	692905	104.111	ng	0.01
7) Phenol-d6	6.481	99	830346	101.449	ng	0.00
23) Nitrobenzene-d5	7.410	82	568659	73.095	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	216633	88.223	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1014095	75.283	ng	0.00
79) Terphenyl-d14	12.974	244	810696	63.303	ng	0.00

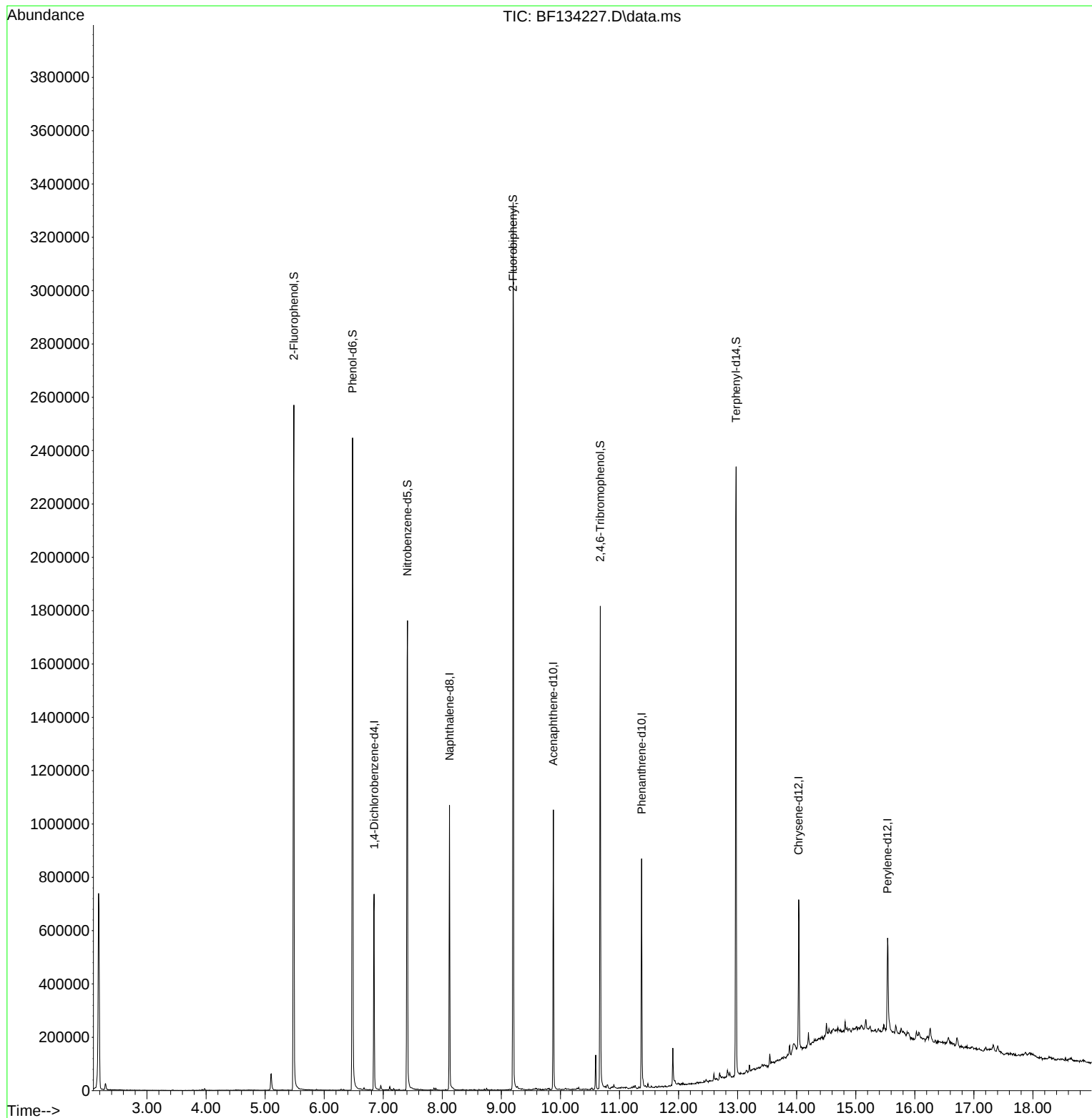
Target Compounds	Qvalue

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

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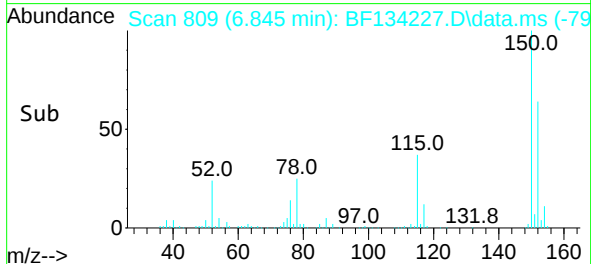
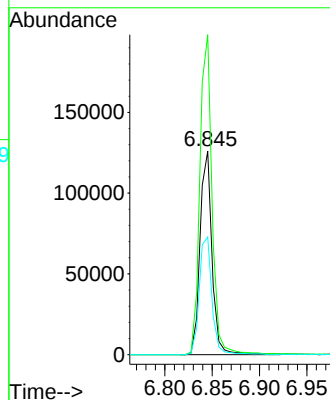
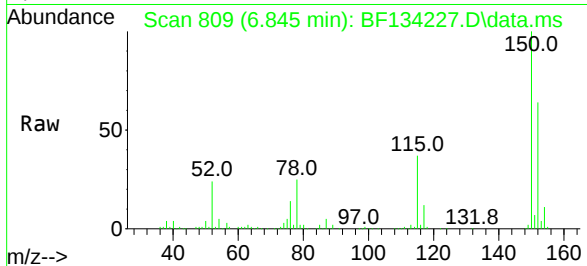




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF134227.D
Acq: 11 Jul 2023 23:01

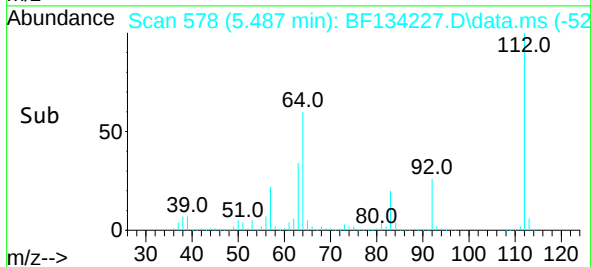
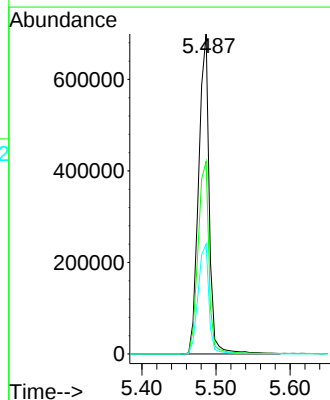
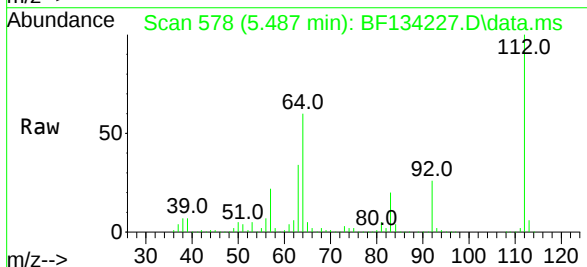
Instrument :
BNA_F
ClientSampleId :
DUCT-2

Tgt Ion:152 Resp: 111330
Ion Ratio Lower Upper
152 100
150 157.1 124.5 186.7
115 57.8 50.2 75.2



#5
2-Fluorophenol
Concen: 104.111 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.012 min
Lab File: BF134227.D
Acq: 11 Jul 2023 23:01

Tgt Ion:112 Resp: 692905
Ion Ratio Lower Upper
112 100
64 60.1 52.1 78.1
63 34.3 28.6 42.8

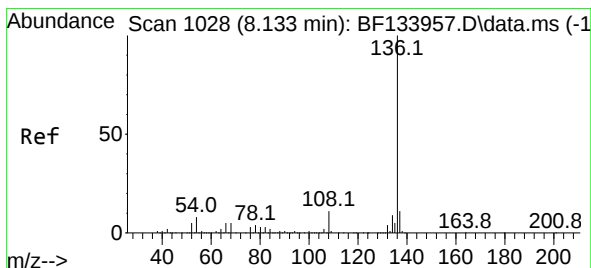
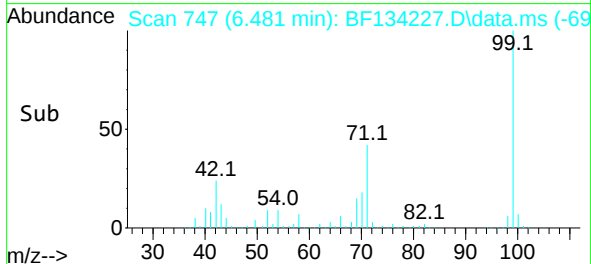
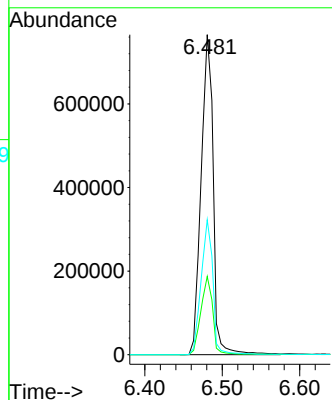
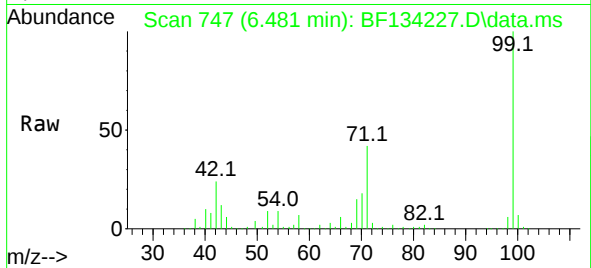




#7
Phenol-d6
Concen: 101.449 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF134227.D
Acq: 11 Jul 2023 23:01

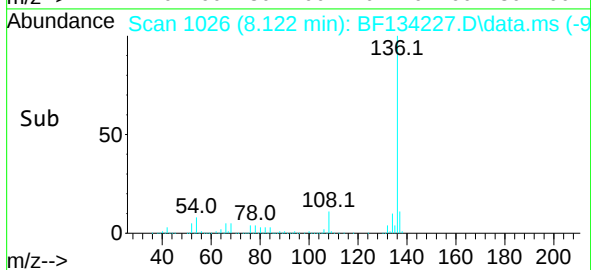
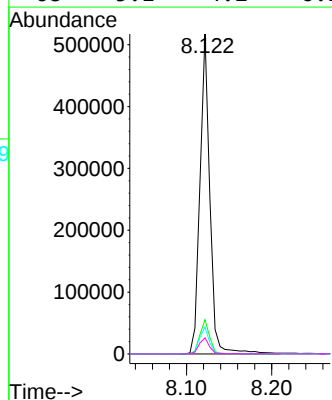
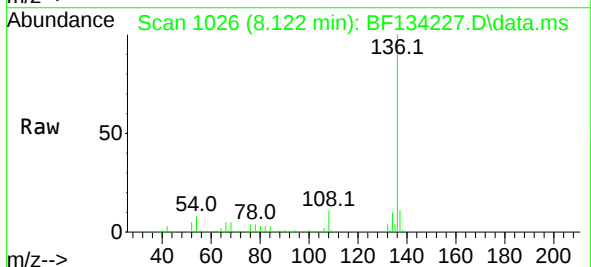
Instrument :
BNA_F
ClientSampleId :
DUCT-2

Tgt Ion: 99 Resp: 830346
Ion Ratio Lower Upper
99 100
42 24.4 19.8 29.6
71 42.2 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF134227.D
Acq: 11 Jul 2023 23:01

Tgt Ion: 136 Resp: 419368
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 8.4 6.5 9.7
68 5.1 4.2 6.2





#23

Nitrobenzene-d5

Concen: 73.095 ng

RT: 7.410 min Scan# 906

Delta R.T. -0.000 min

Lab File: BF134227.D

Acq: 11 Jul 2023 23:01

Instrument :

BNA_F

ClientSampleId :

DUCT-2

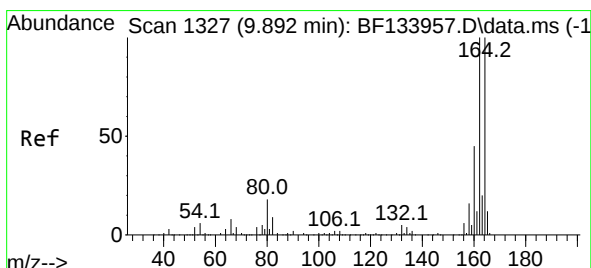
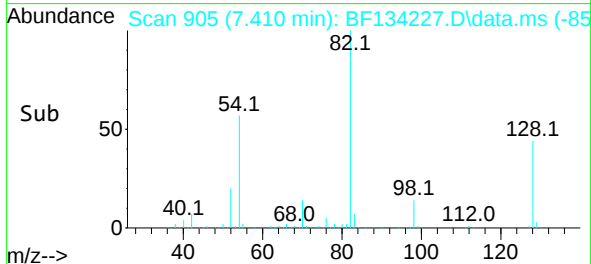
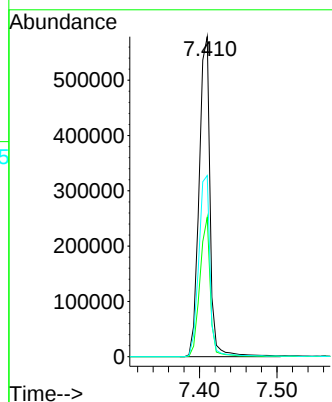
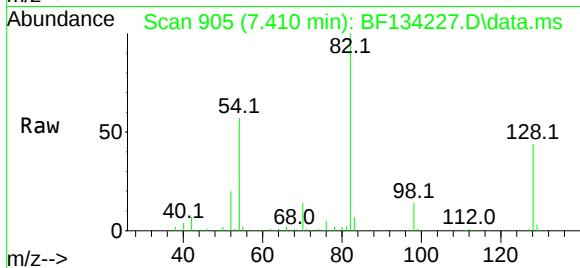
Tgt Ion: 82 Resp: 568659

Ion Ratio Lower Upper

82 100

128 43.5 32.5 48.7

54 56.6 48.2 72.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 1325

Delta R.T. -0.006 min

Lab File: BF134227.D

Acq: 11 Jul 2023 23:01

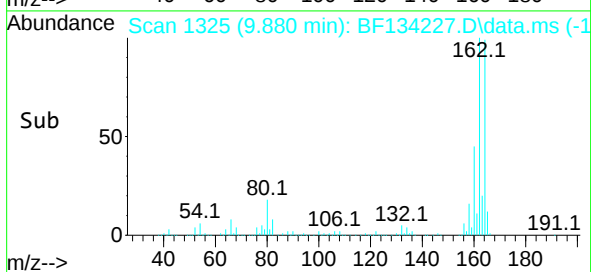
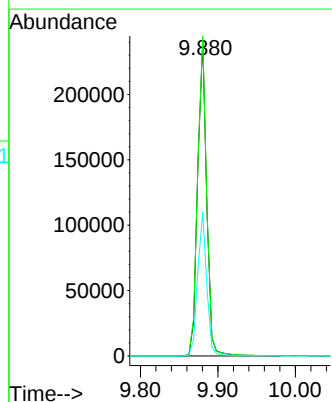
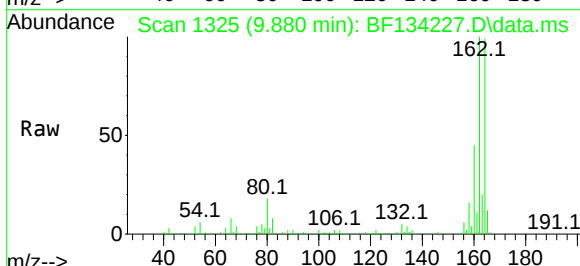
Tgt Ion:164 Resp: 195847

Ion Ratio Lower Upper

164 100

162 101.4 80.0 120.0

160 45.5 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 88.223 ng

RT: 10.674 min Scan# 1460

Delta R.T. -0.006 min

Lab File: BF134227.D

Acq: 11 Jul 2023 23:01

Instrument :

BNA_F

ClientSampleId :

DUCT-2

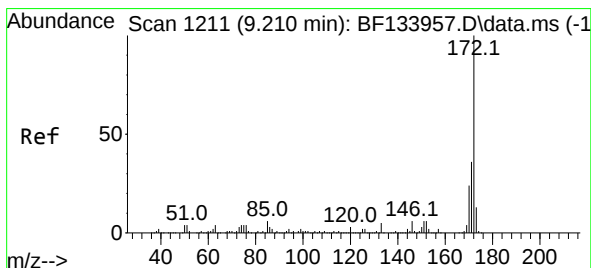
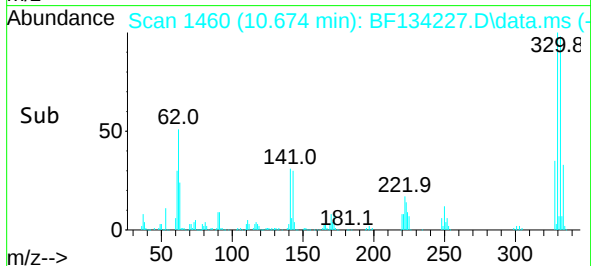
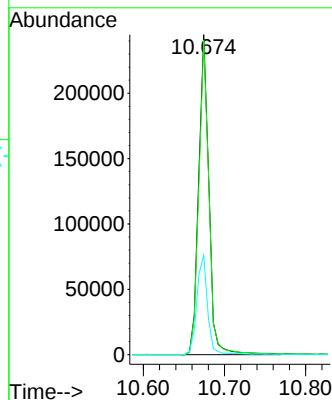
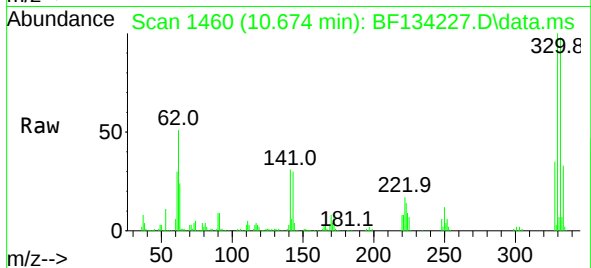
Tgt Ion:330 Resp: 216633

Ion Ratio Lower Upper

330 100

332 97.4 77.0 115.6

141 33.0 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 75.283 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BF134227.D

Acq: 11 Jul 2023 23:01

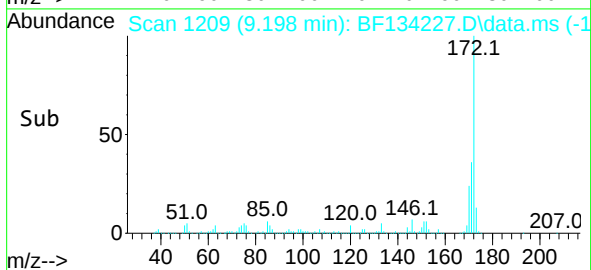
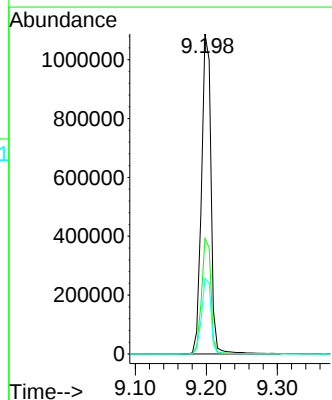
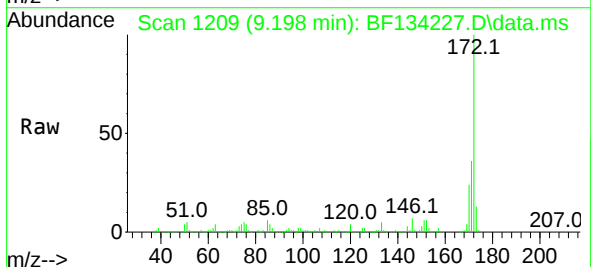
Tgt Ion:172 Resp: 1014095

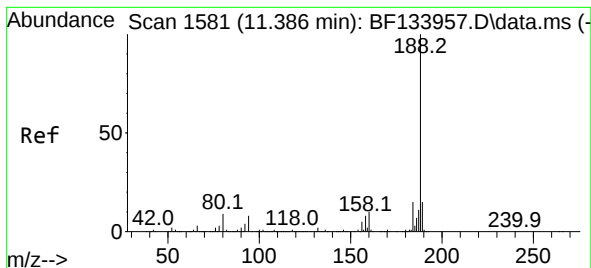
Ion Ratio Lower Upper

172 100

171 36.0 28.6 43.0

170 23.6 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134227.D

Acq: 11 Jul 2023 23:01

Instrument :

BNA_F

ClientSampleId :

DUCT-2

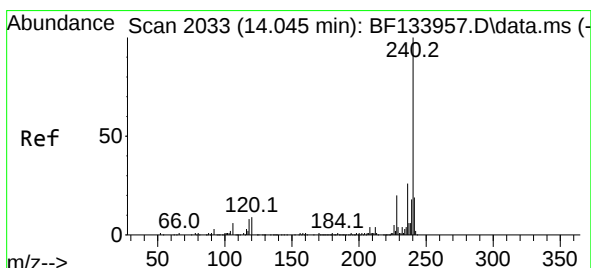
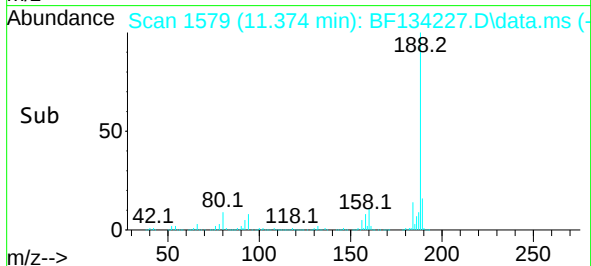
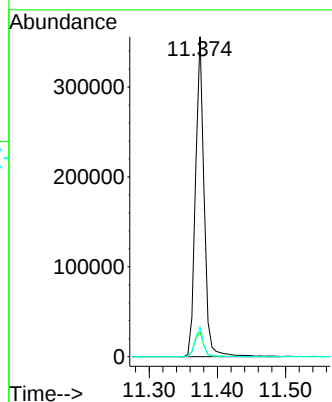
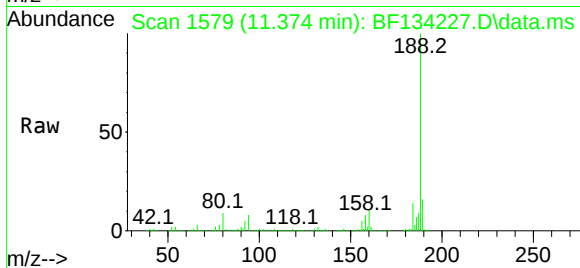
Tgt Ion:188 Resp: 311198

Ion Ratio Lower Upper

188 100

94 7.7 6.4 9.6

80 9.3 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF134227.D

Acq: 11 Jul 2023 23:01

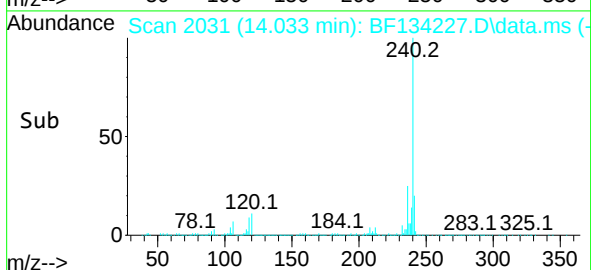
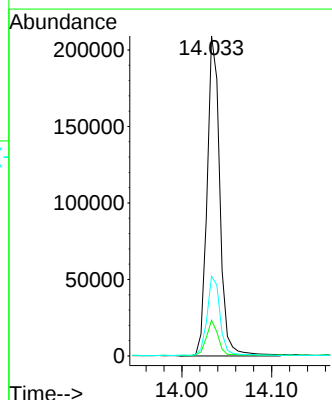
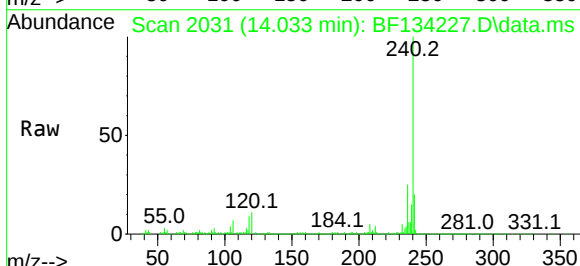
Tgt Ion:240 Resp: 206113

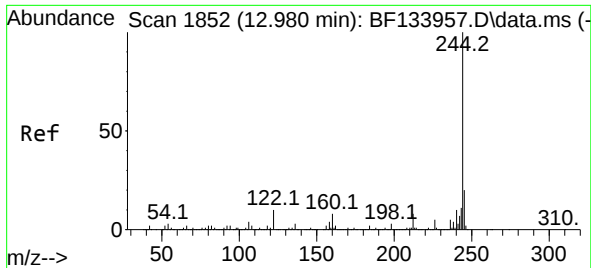
Ion Ratio Lower Upper

240 100

120 11.2 7.4 11.0#

236 24.9 21.0 31.6

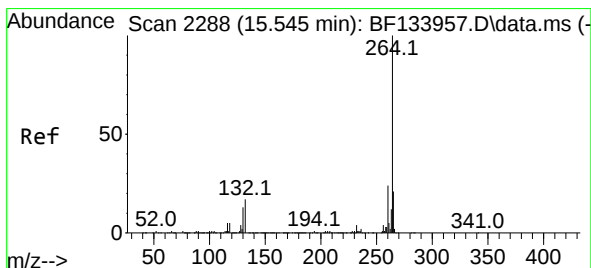
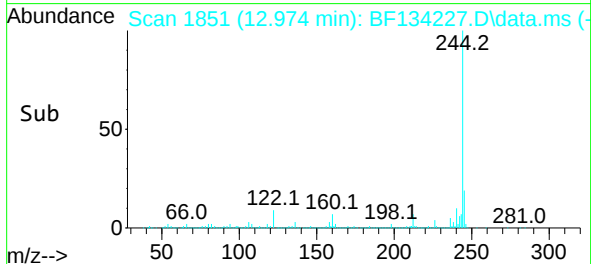
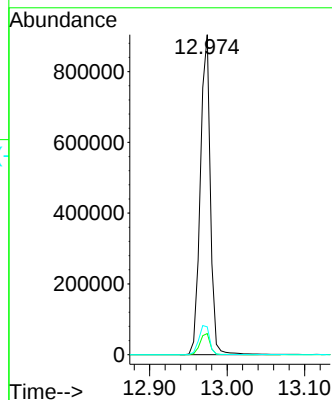
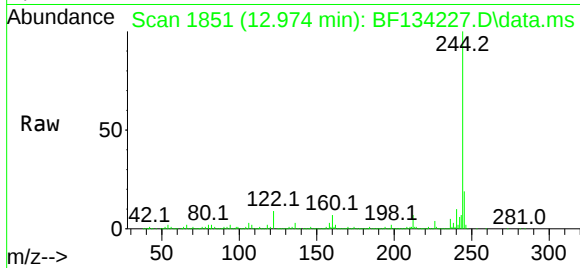




#79
 Terphenyl-d14
 Concen: 63.303 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.000 min
 Lab File: BF134227.D
 Acq: 11 Jul 2023 23:01

Instrument :
 BNA_F
 ClientSampleId :
 DUCT-2

Tgt Ion:244 Resp: 810696
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.0 9.0
 122 8.7 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2287
 Delta R.T. -0.006 min
 Lab File: BF134227.D
 Acq: 11 Jul 2023 23:01

Tgt Ion:264 Resp: 180802
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.5 29.3
 265 21.6 16.6 25.0

