

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081523\
 Data File : BF134775.D
 Acq On : 15 Aug 2023 09:05
 Operator : CG\JU
 Sample : PB154767BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154767BL

Quant Time: Aug 16 03:08:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	200914	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	844200	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	449499	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	877780	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	613705	20.000	ng	0.00
86) Perylene-d12	15.445	264	481121	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1544255	116.837	ng	0.02
7) Phenol-d6	6.439	99	1986216	117.558	ng	0.00
23) Nitrobenzene-d5	7.363	82	1290683	95.544	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	680087	148.419	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	2292700	84.807	ng	0.00
79) Terphenyl-d14	12.927	244	2888126	82.961	ng	0.00

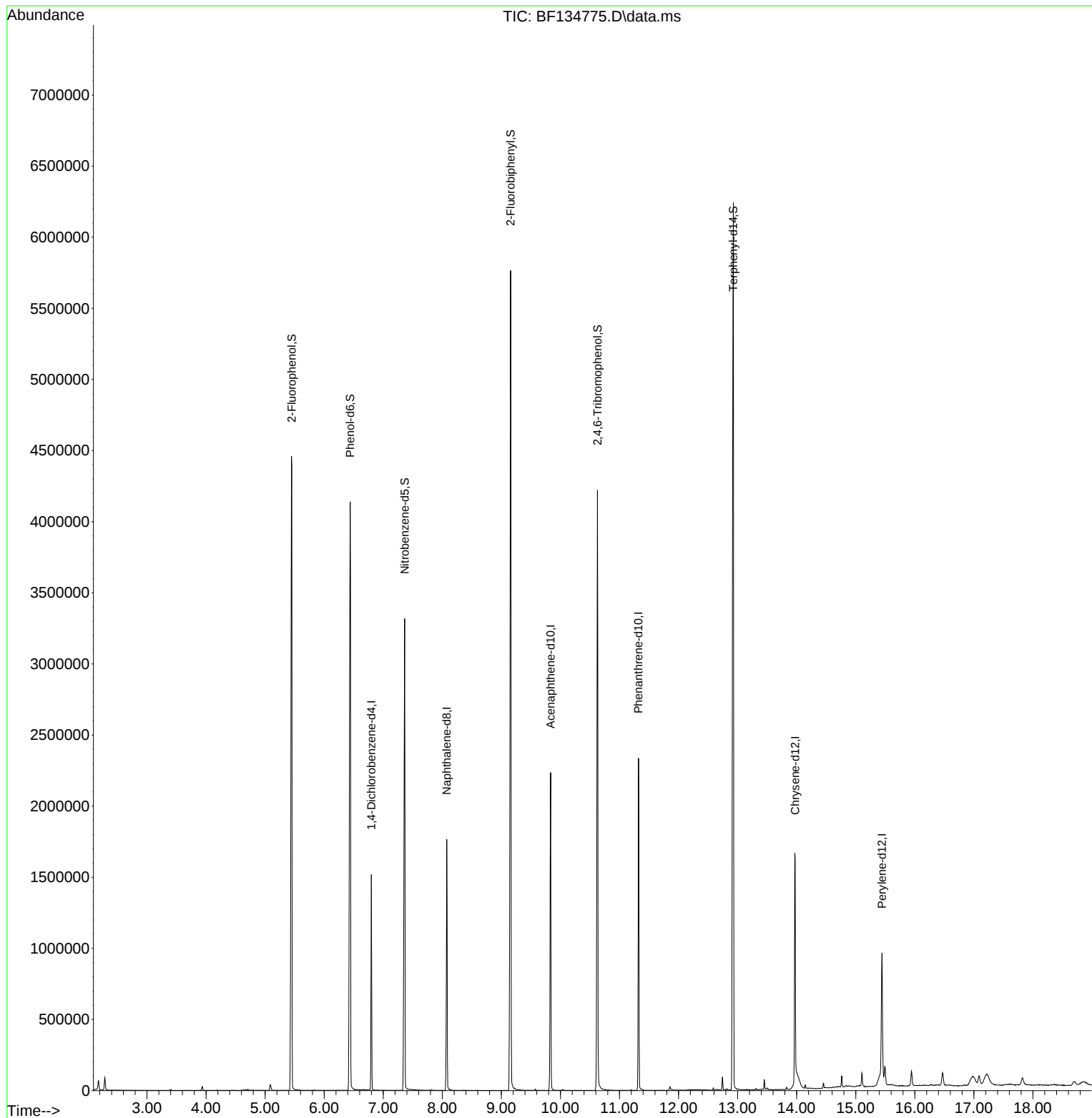
Target Compounds	Qvalue

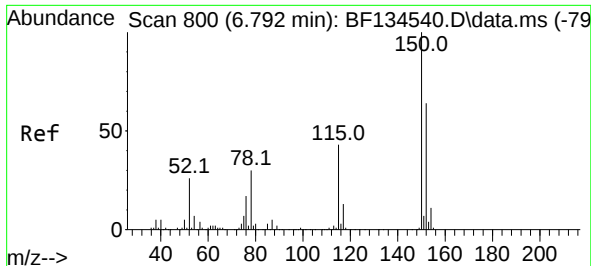
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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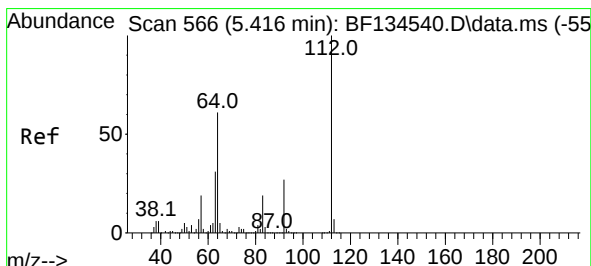
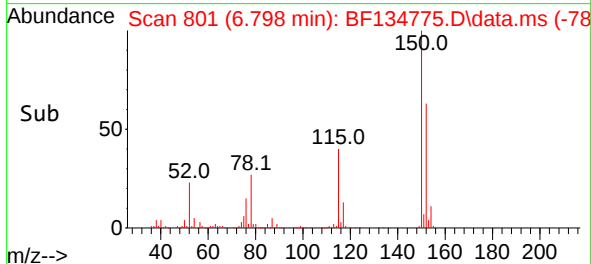
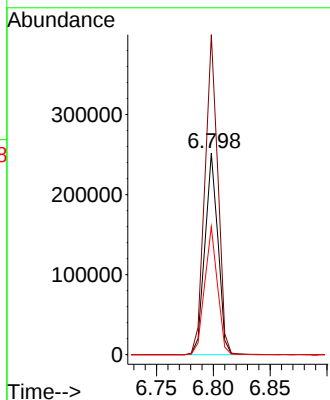
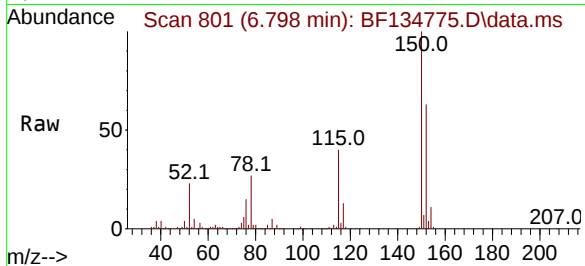




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134775.D
Acq: 15 Aug 2023 09:05

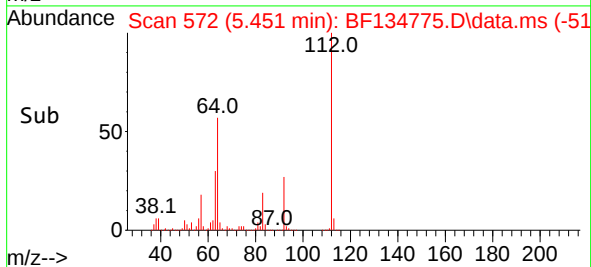
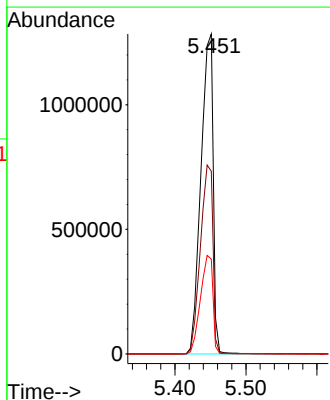
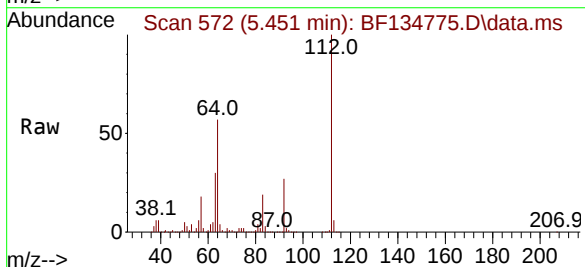
Instrument :
BNA_F
ClientSampleId :
PB154767BL

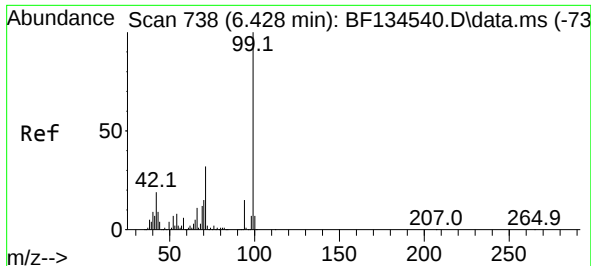
Tgt Ion:152 Resp: 200914
Ion Ratio Lower Upper
152 100
150 158.7 128.3 192.5
115 63.4 52.4 78.6



#5
2-Fluorophenol
Concen: 116.837 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.023 min
Lab File: BF134775.D
Acq: 15 Aug 2023 09:05

Tgt Ion:112 Resp: 1544255
Ion Ratio Lower Upper
112 100
64 57.1 44.9 67.3
63 29.7 25.4 38.0

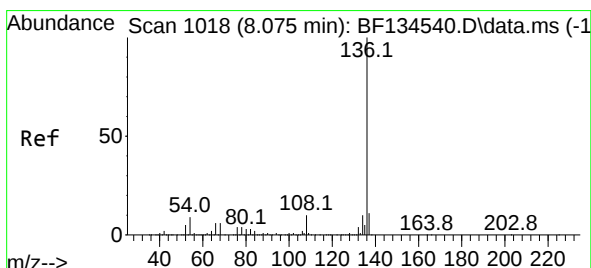
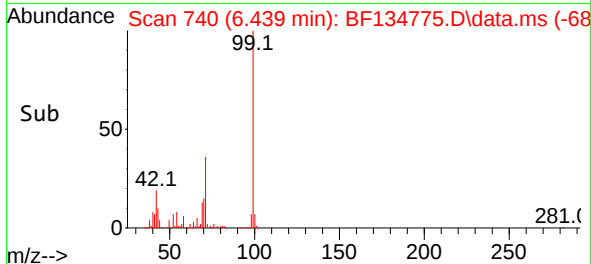
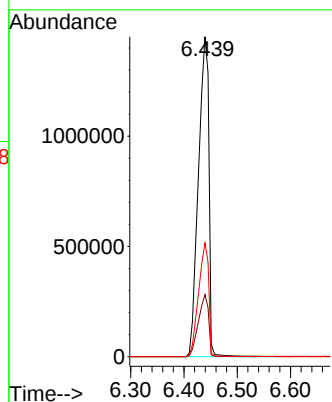
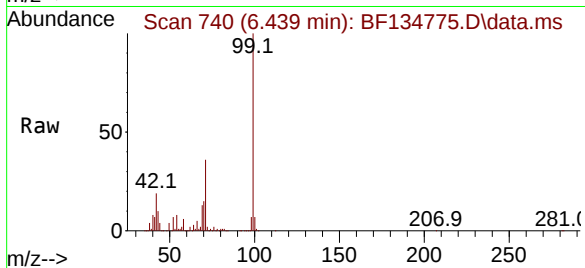




#7
Phenol-d6
Concen: 117.558 ng
RT: 6.439 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF134775.D
Acq: 15 Aug 2023 09:05

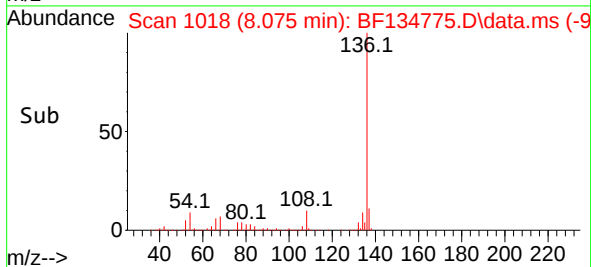
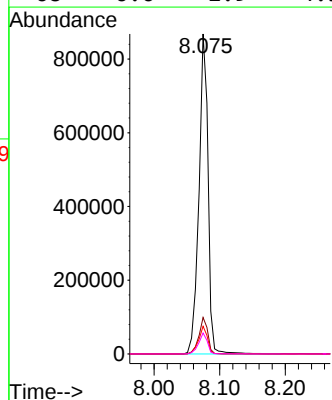
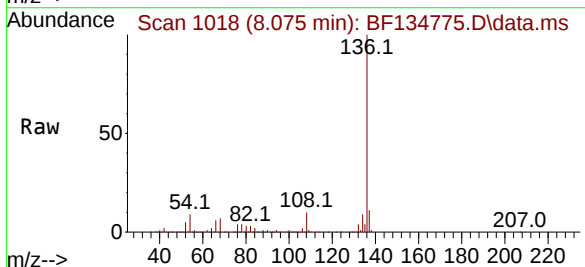
Instrument :
BNA_F
ClientSampleId :
PB154767BL

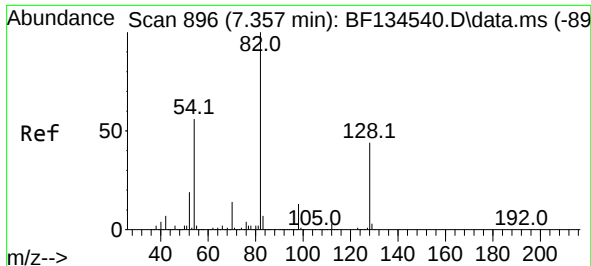
Tgt Ion: 99 Resp: 1986216
Ion Ratio Lower Upper
99 100
42 19.4 18.7 28.1
71 35.6 36.4 54.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134775.D
Acq: 15 Aug 2023 09:05

Tgt Ion: 136 Resp: 844200
Ion Ratio Lower Upper
136 100
137 11.4 8.4 12.6
54 8.7 5.2 7.8#
68 6.6 2.9 4.3#

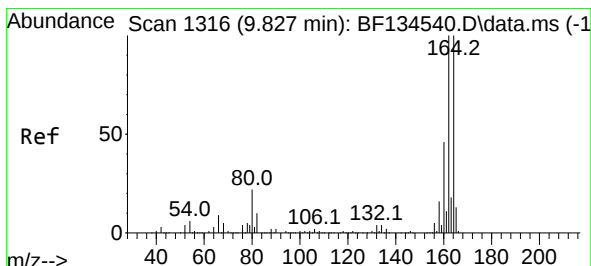
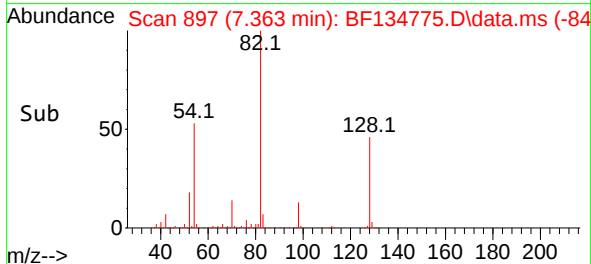
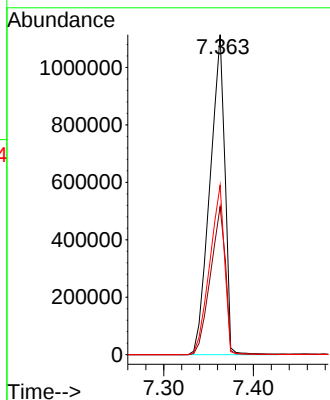
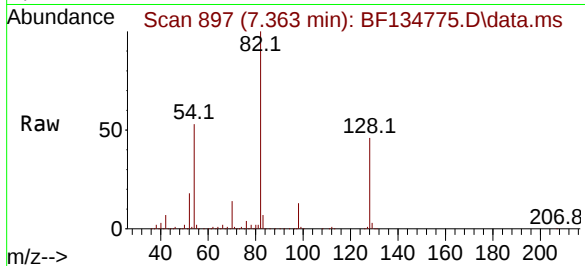




#23
Nitrobenzene-d5
Concen: 95.544 ng
RT: 7.363 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF134775.D
Acq: 15 Aug 2023 09:05

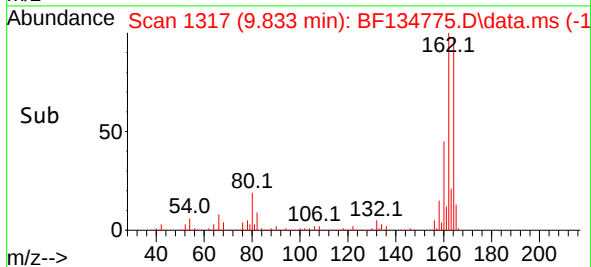
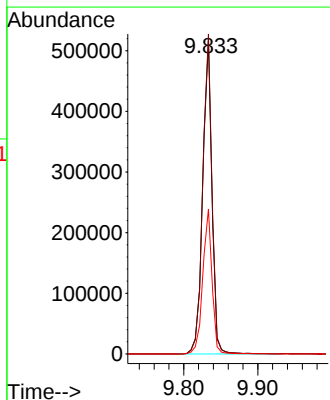
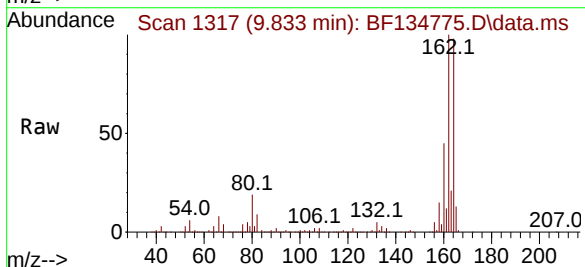
Instrument :
BNA_F
ClientSampleId :
PB154767BL

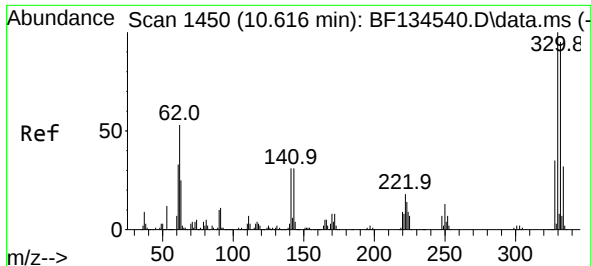
Tgt Ion: 82 Resp: 1290683
Ion Ratio Lower Upper
82 100
128 46.3 34.3 51.5
54 53.0 43.8 65.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.000 min
Lab File: BF134775.D
Acq: 15 Aug 2023 09:05

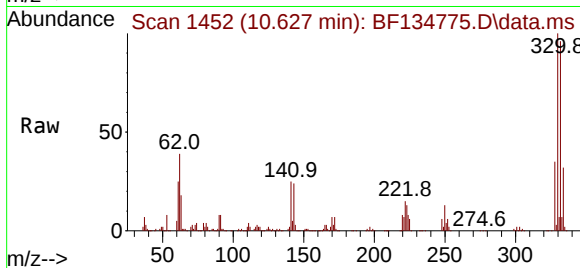
Tgt Ion:164 Resp: 449499
Ion Ratio Lower Upper
164 100
162 102.3 82.6 123.8
160 46.3 37.2 55.8



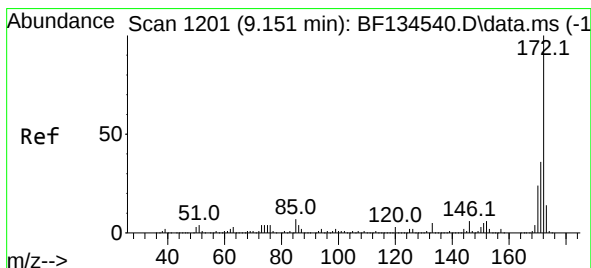
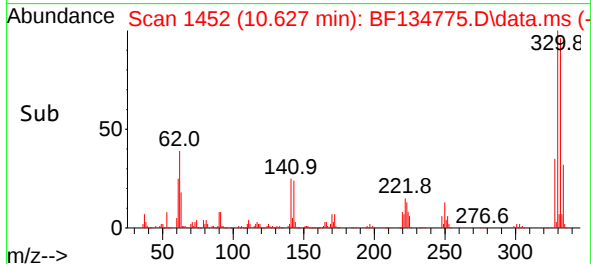
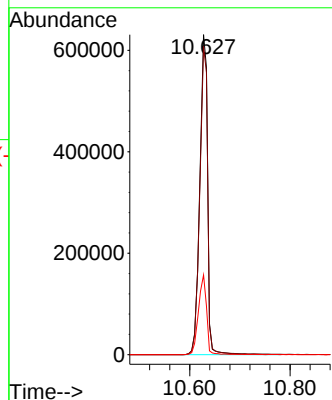


#42
2,4,6-Tribromophenol
Concen: 148.419 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF134775.D
Acq: 15 Aug 2023 09:05

Instrument :
BNA_F
ClientSampleId :
PB154767BL

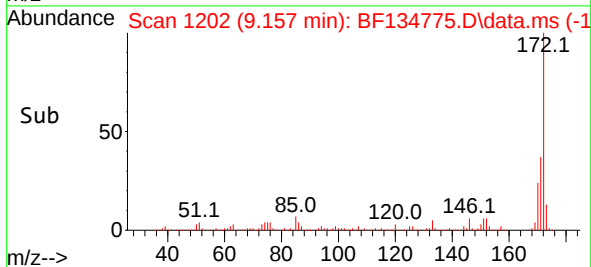
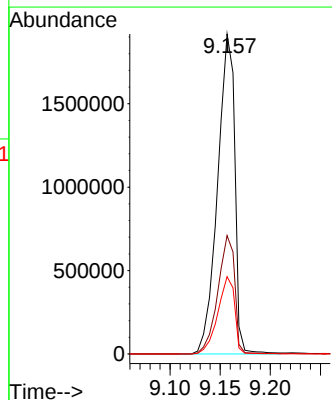
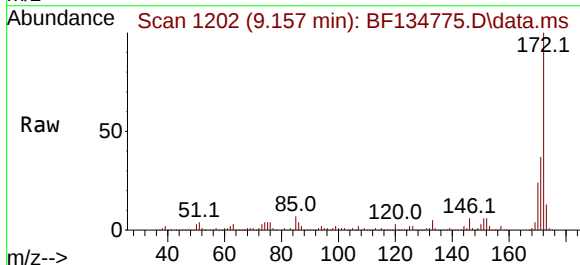


Tgt Ion:330 Resp: 680087
Ion Ratio Lower Upper
330 100
332 96.6 78.8 118.2
141 26.1 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 84.807 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF134775.D
Acq: 15 Aug 2023 09:05

Tgt Ion:172 Resp: 2292700
Ion Ratio Lower Upper
172 100
171 37.0 28.8 43.2
170 24.1 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.321 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF134775.D

Acq: 15 Aug 2023 09:05

Instrument :

BNA_F

ClientSampleId :

PB154767BL

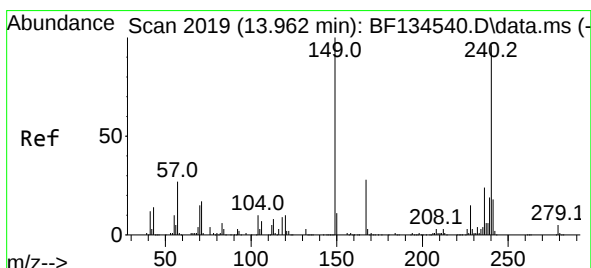
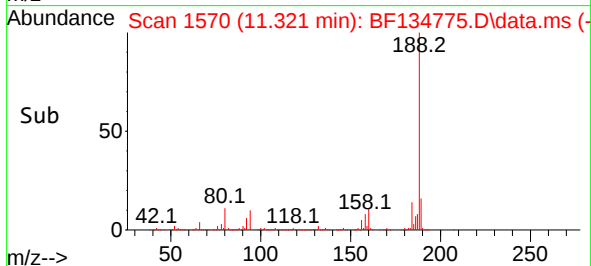
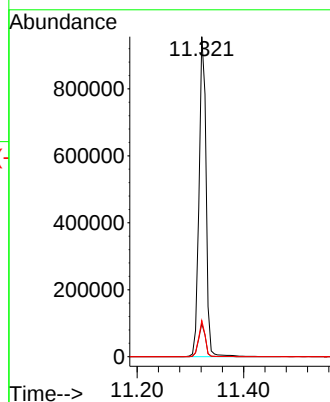
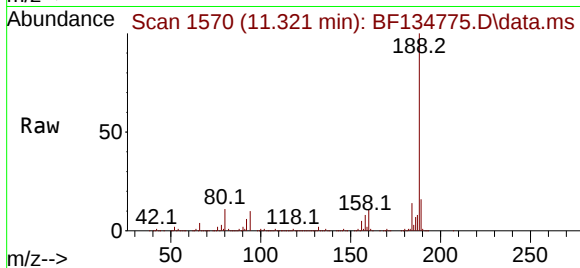
Tgt Ion:188 Resp: 877780

Ion Ratio Lower Upper

188 100

94 10.3 5.1 7.7#

80 11.3 6.6 9.8#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.000 min

Lab File: BF134775.D

Acq: 15 Aug 2023 09:05

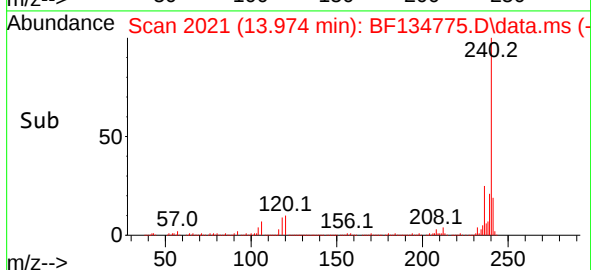
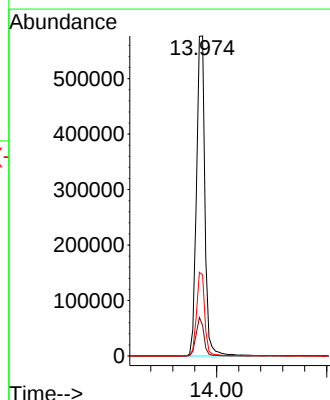
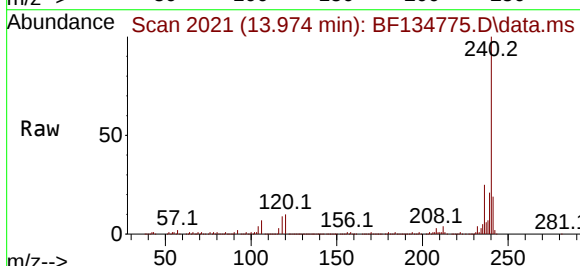
Tgt Ion:240 Resp: 613705

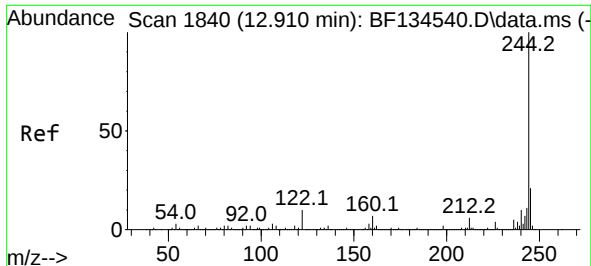
Ion Ratio Lower Upper

240 100

120 9.5 6.6 10.0

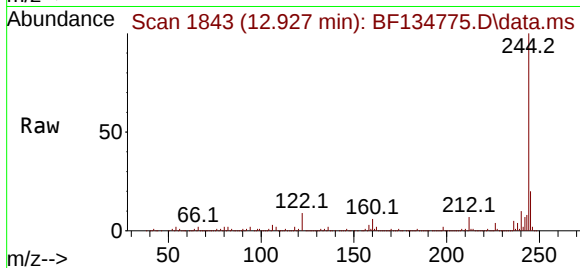
236 25.3 20.2 30.2



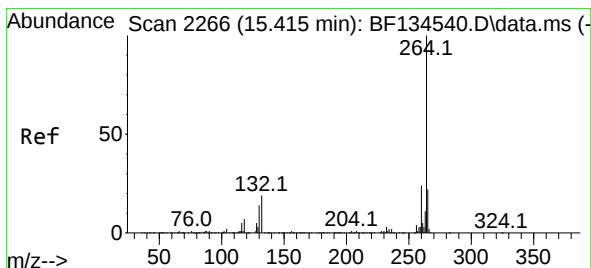
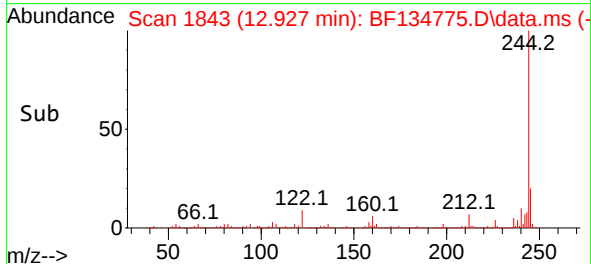
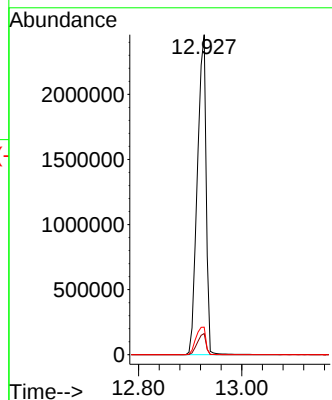


#79
 Terphenyl-d14
 Concen: 82.961 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. 0.006 min
 Lab File: BF134775.D
 Acq: 15 Aug 2023 09:05

Instrument :
 BNA_F
 ClientSampleId :
 PB154767BL



Tgt Ion:244 Resp: 2888126
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 8.6 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. 0.006 min
 Lab File: BF134775.D
 Acq: 15 Aug 2023 09:05

Tgt Ion:264 Resp: 481121
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.4 27.6
 265 22.4 15.8 23.8

