

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081623\
 Data File : BF134797.D
 Acq On : 16 Aug 2023 08:45
 Operator : CG\JU
 Sample : PB154844BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154844BL

Quant Time: Aug 17 01:29:07 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	190692	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	768923	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	405968	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	767605	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	511566	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	413830	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1386173	110.499	ng	0.02
7) Phenol-d6	6.440	99	1732294	108.025	ng	0.00
23) Nitrobenzene-d5	7.363	82	1137366	92.437	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	572660	138.375	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	2018101	82.654	ng	0.00
79) Terphenyl-d14	12.921	244	2487977	85.736	ng	0.00

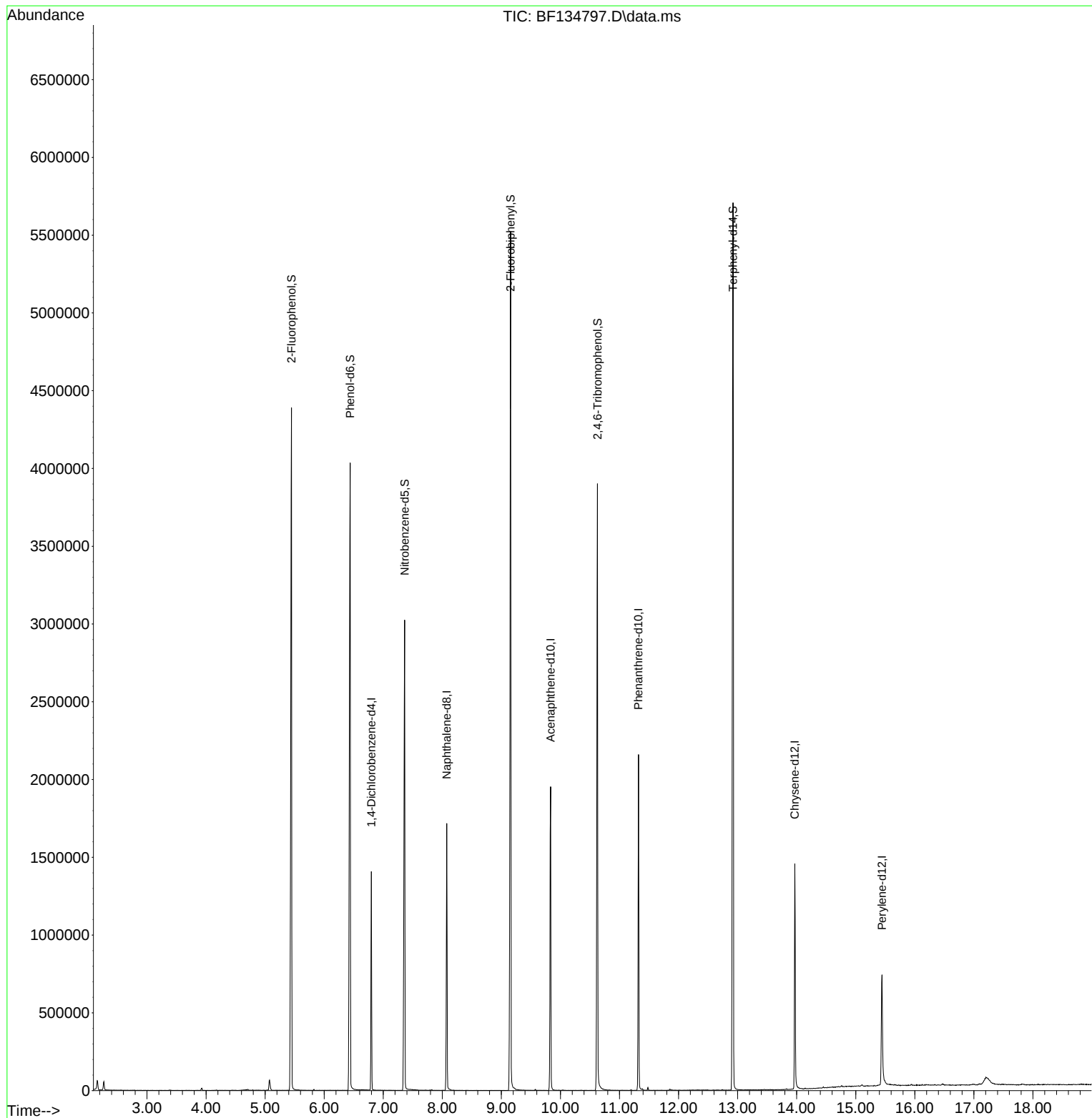
Target Compounds	Qvalue

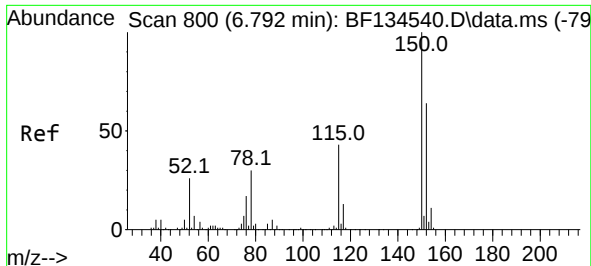
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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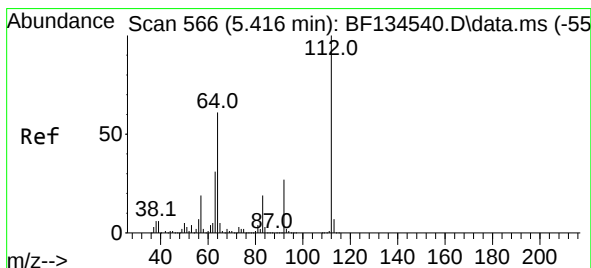
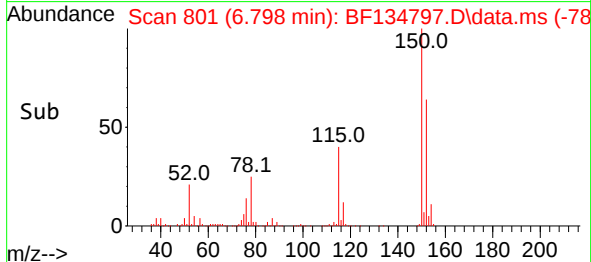
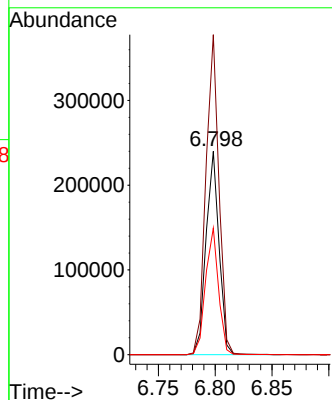
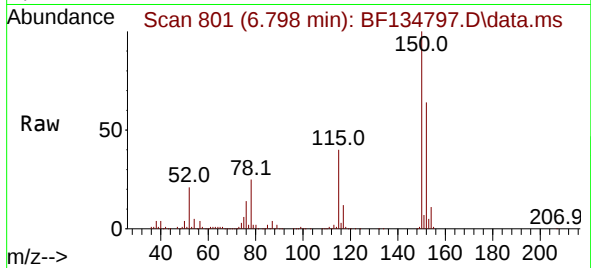




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134797.D
Acq: 16 Aug 2023 08:45

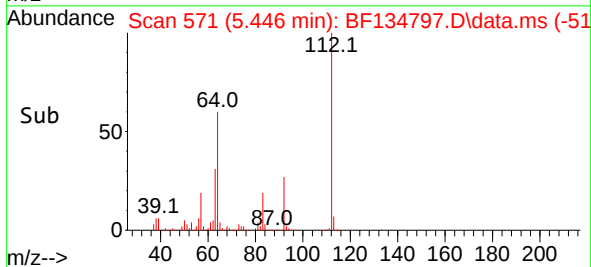
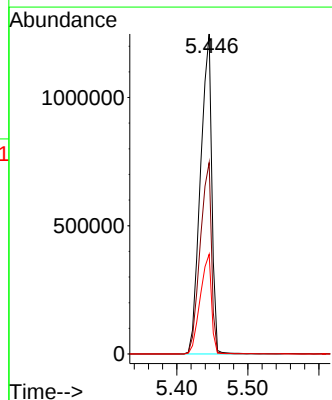
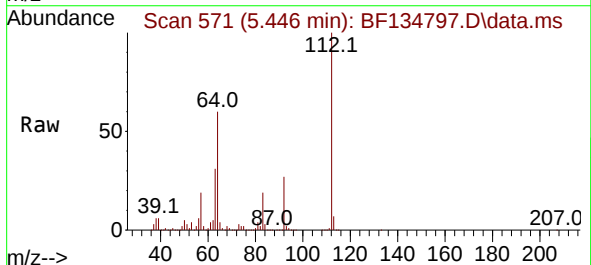
Instrument :
BNA_F
ClientSampleId :
PB154844BL

Tgt Ion:152 Resp: 190692
Ion Ratio Lower Upper
152 100
150 157.3 128.3 192.5
115 62.3 52.4 78.6



#5
2-Fluorophenol
Concen: 110.499 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.018 min
Lab File: BF134797.D
Acq: 16 Aug 2023 08:45

Tgt Ion:112 Resp: 1386173
Ion Ratio Lower Upper
112 100
64 59.8 44.9 67.3
63 31.2 25.4 38.0

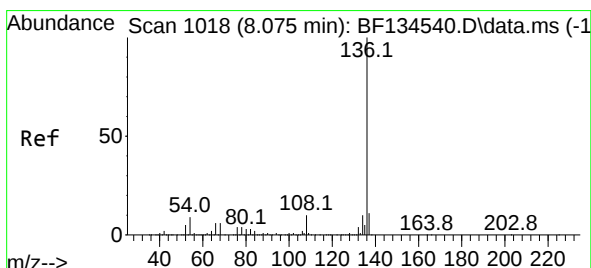
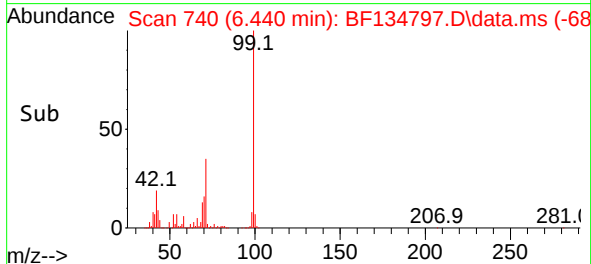
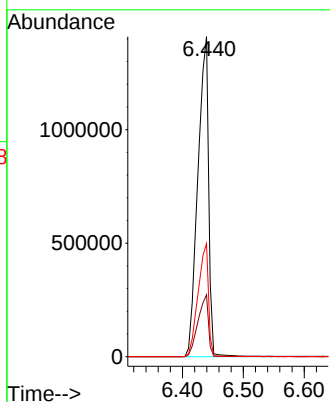
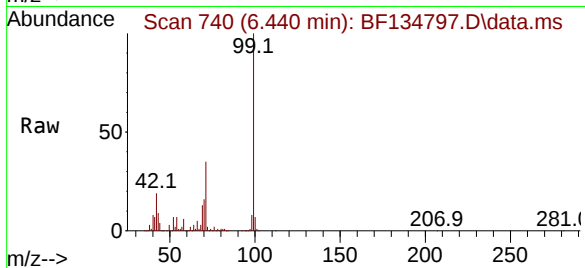




#7
Phenol-d6
Concen: 108.025 ng
RT: 6.440 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF134797.D
Acq: 16 Aug 2023 08:45

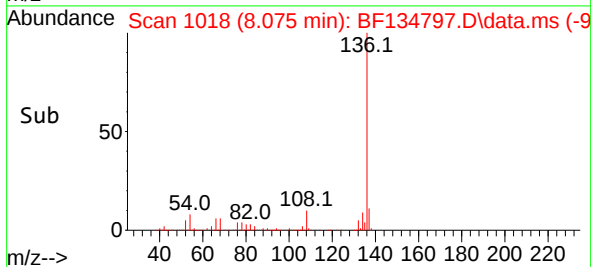
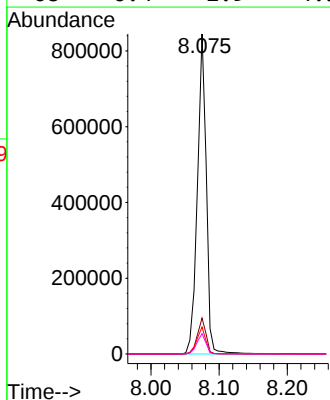
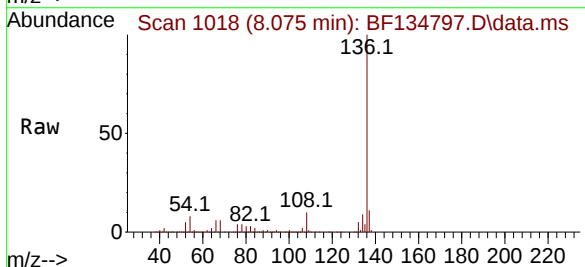
Instrument :
BNA_F
ClientSampleId :
PB154844BL

Tgt Ion: 99 Resp: 1732294
Ion Ratio Lower Upper
99 100
42 19.3 18.7 28.1
71 35.3 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: BF134797.D
Acq: 16 Aug 2023 08:45

Tgt Ion: 136 Resp: 768923
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 8.4 5.2 7.8#
68 6.4 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 92.437 ng

RT: 7.363 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF134797.D

Acq: 16 Aug 2023 08:45

Instrument :

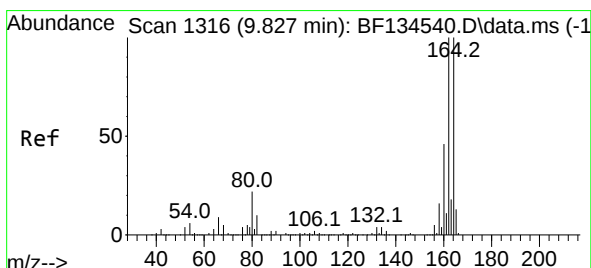
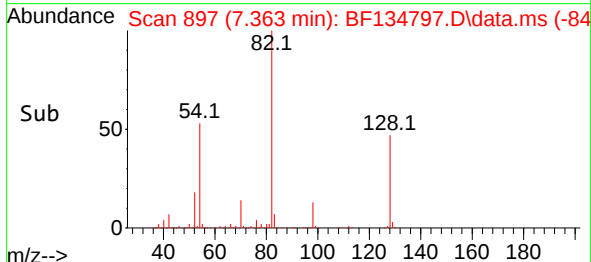
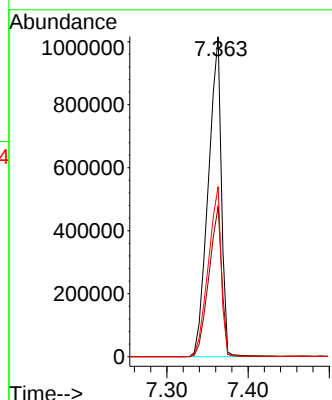
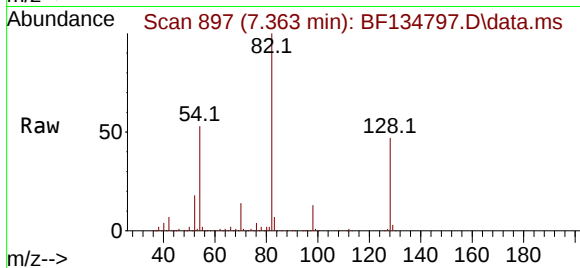
BNA_F

ClientSampleId :

PB154844BL

Tgt Ion: 82 Resp: 1137366

Ion	Ratio	Lower	Upper
82	100		
128	46.9	34.3	51.5
54	53.1	43.8	65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1317

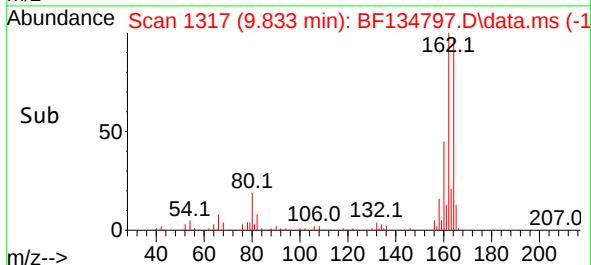
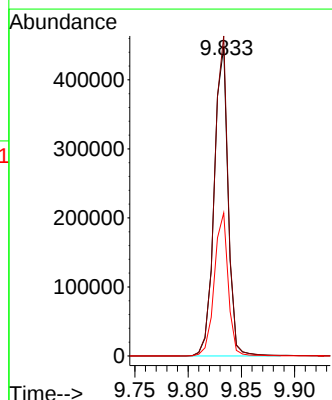
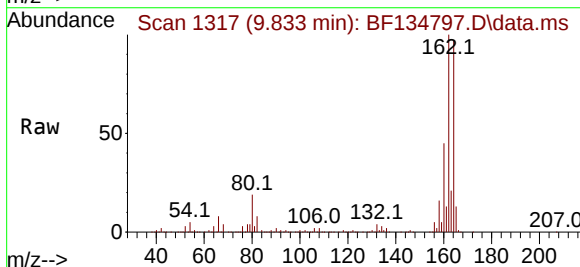
Delta R.T. 0.000 min

Lab File: BF134797.D

Acq: 16 Aug 2023 08:45

Tgt Ion:164 Resp: 405968

Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.6	123.8
160	46.3	37.2	55.8





#42

2,4,6-Tribromophenol

Concen: 138.375 ng

RT: 10.628 min Scan# 1450

Delta R.T. 0.000 min

Lab File: BF134797.D

Acq: 16 Aug 2023 08:45

Instrument :

BNA_F

ClientSampleId :

PB154844BL

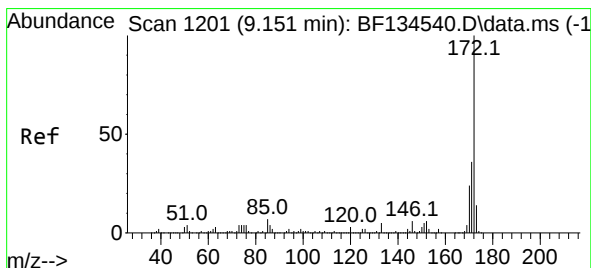
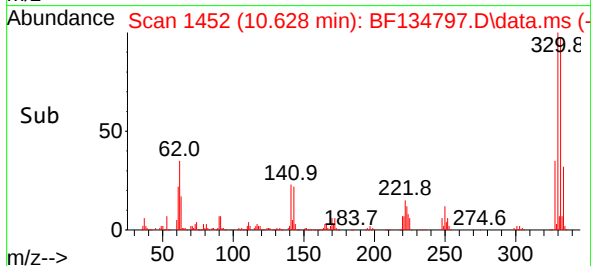
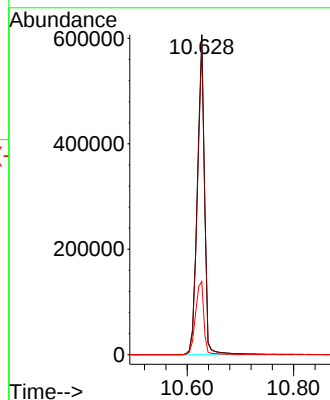
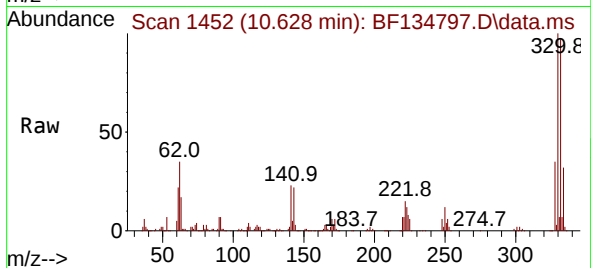
Tgt Ion:330 Resp: 572660

Ion Ratio Lower Upper

330 100

332 97.0 78.8 118.2

141 26.6 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 82.654 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF134797.D

Acq: 16 Aug 2023 08:45

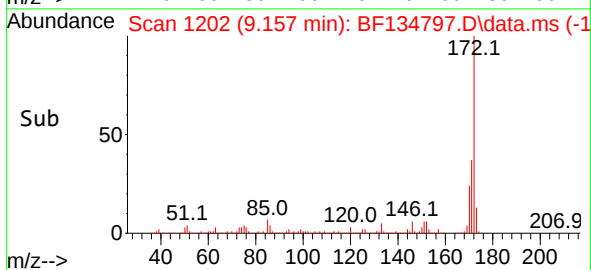
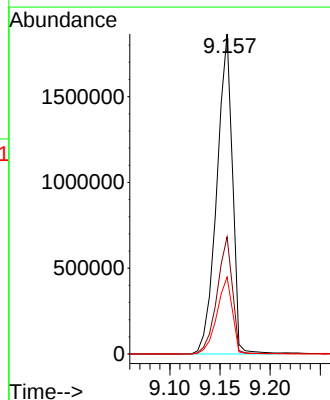
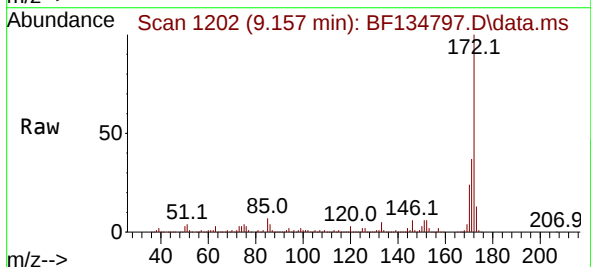
Tgt Ion:172 Resp: 2018101

Ion Ratio Lower Upper

172 100

171 36.6 28.8 43.2

170 24.1 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.322 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134797.D

Acq: 16 Aug 2023 08:45

Instrument :

BNA_F

ClientSampleId :

PB154844BL

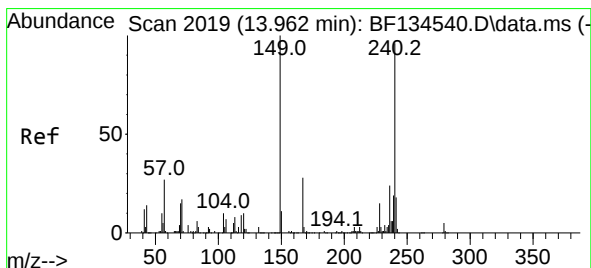
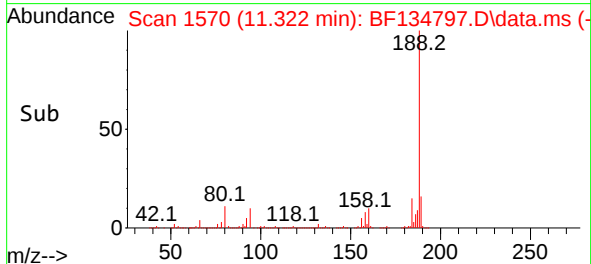
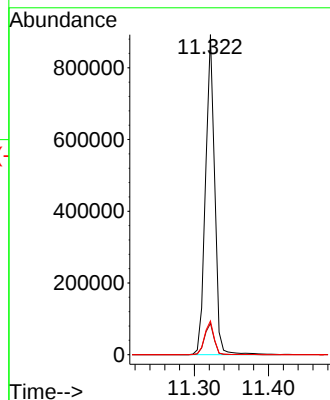
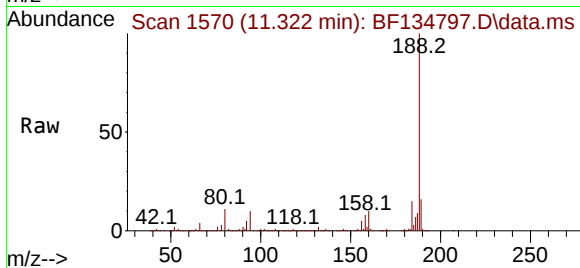
Tgt Ion:188 Resp: 767605

Ion Ratio Lower Upper

188 100

94 9.8 5.1 7.7#

80 10.6 6.6 9.8#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 2020

Delta R.T. -0.006 min

Lab File: BF134797.D

Acq: 16 Aug 2023 08:45

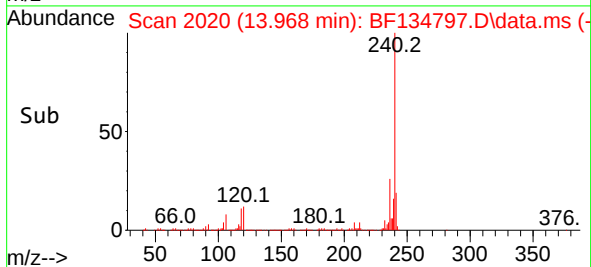
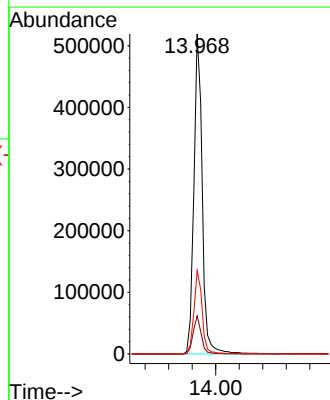
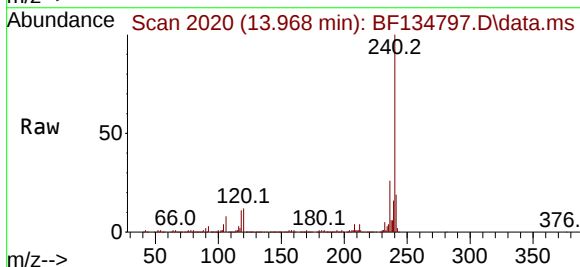
Tgt Ion:240 Resp: 511566

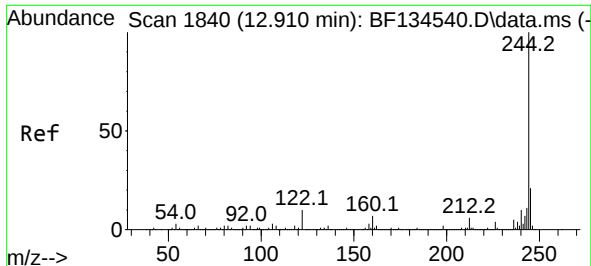
Ion Ratio Lower Upper

240 100

120 11.9 6.6 10.0#

236 26.1 20.2 30.2

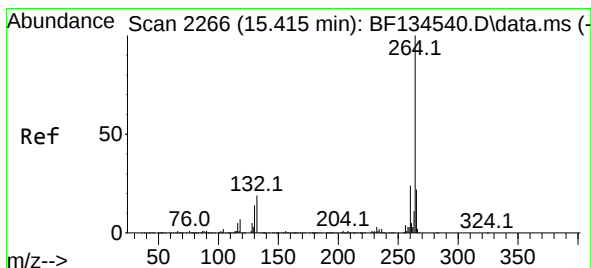
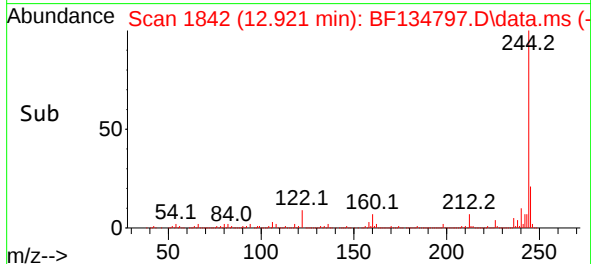
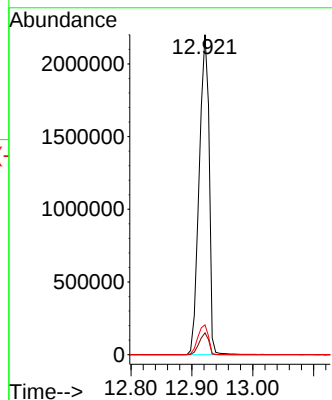
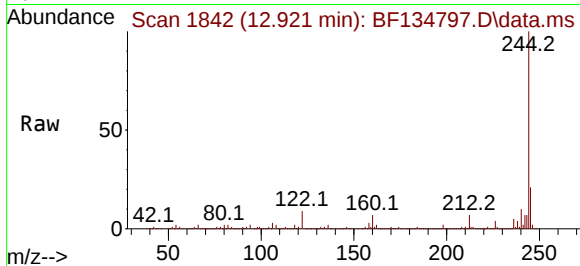




#79
 Terphenyl-d14
 Concen: 85.736 ng
 RT: 12.921 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF134797.D
 Acq: 16 Aug 2023 08:45

Instrument :
 BNA_F
 ClientSampleId :
 PB154844BL

Tgt Ion:244 Resp: 2487977
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 9.3 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: BF134797.D
 Acq: 16 Aug 2023 08:45

Tgt Ion:264 Resp: 413830
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.4 27.6
 265 21.3 15.8 23.8

