

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080323\
 Data File : BF134612.D
 Acq On : 03 Aug 2023 15:42
 Operator : CG\JU
 Sample : 03756-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RPTP-9-CS-9

Quant Time: Aug 04 01:09:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 02:20:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	160085	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	571337	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	254525	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	475970	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	259008	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	220833	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	538989	51.180	ng	0.00
7) Phenol-d6	6.422	99	656227	48.746	ng	0.00
23) Nitrobenzene-d5	7.357	82	347095	37.965	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	137791	53.106	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	637578	41.650	ng	0.00
79) Terphenyl-d14	12.910	244	689997	46.963	ng	0.00

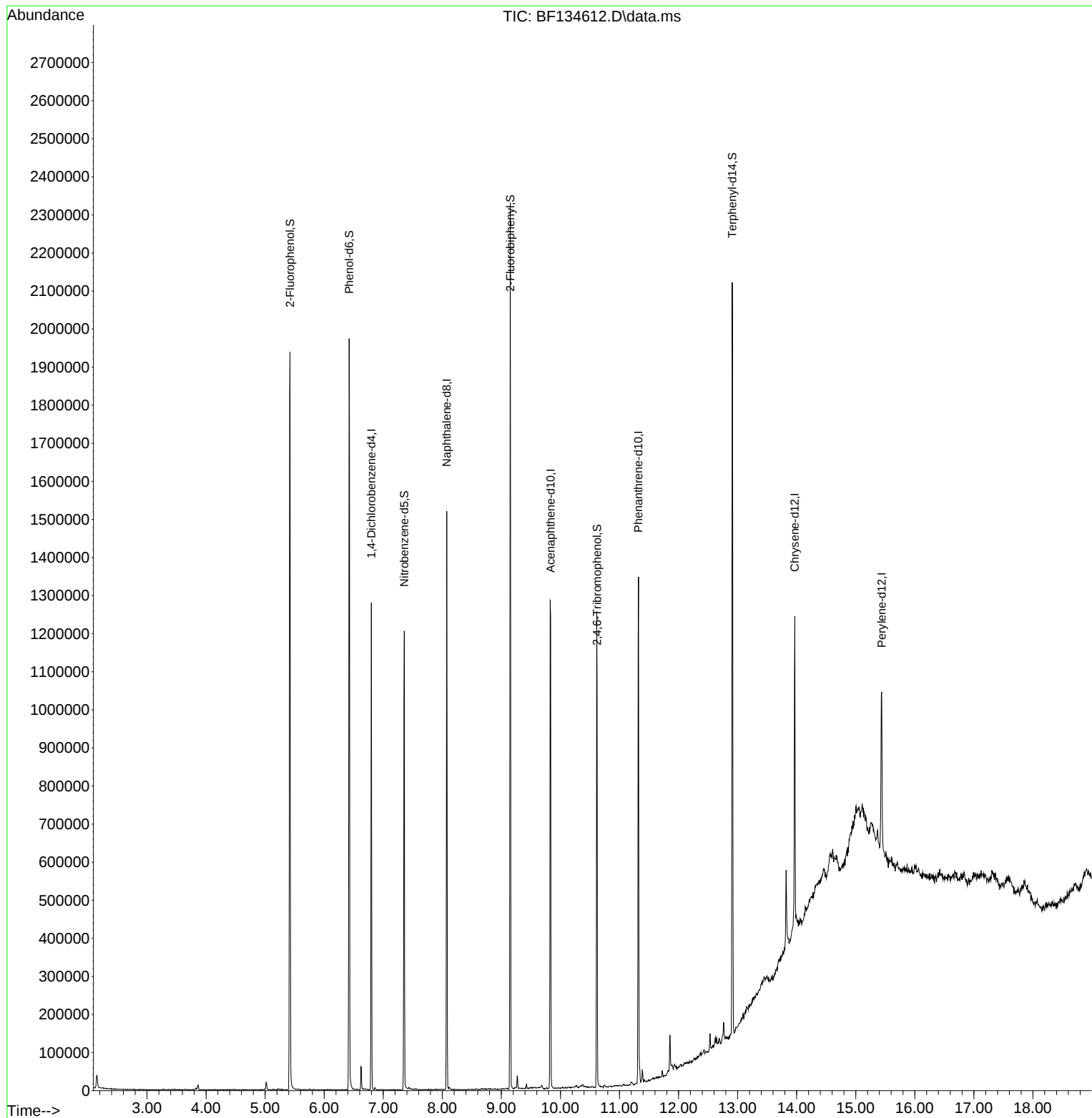
Target Compounds	Qvalue

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

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QLast Update : Wed Aug 02 02:20:34 2023
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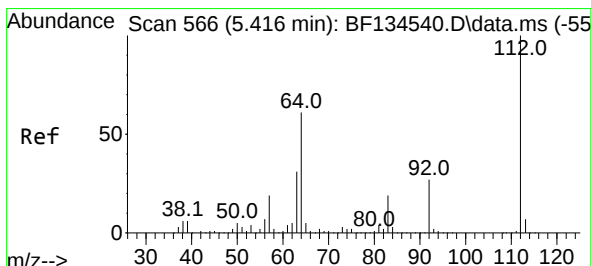
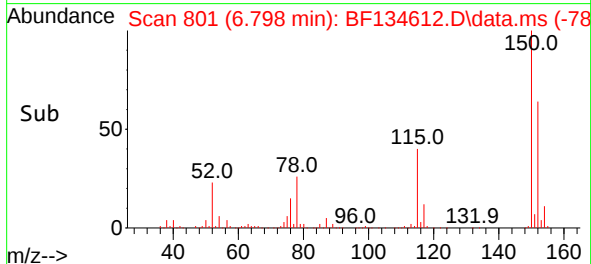
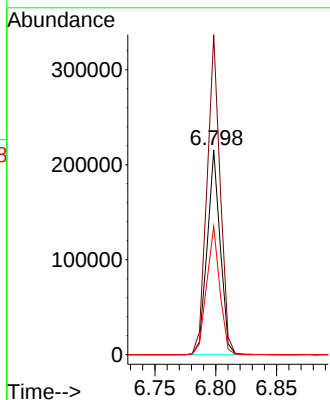
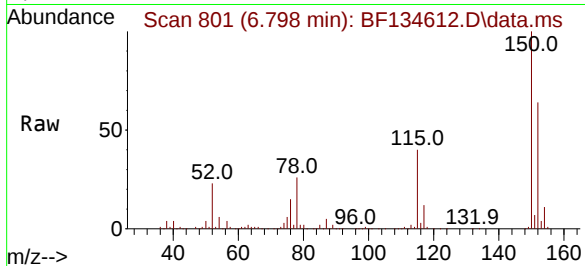




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.006 min
Lab File: BF134612.D
Acq: 03 Aug 2023 15:42

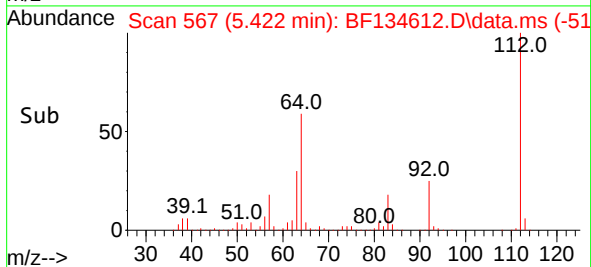
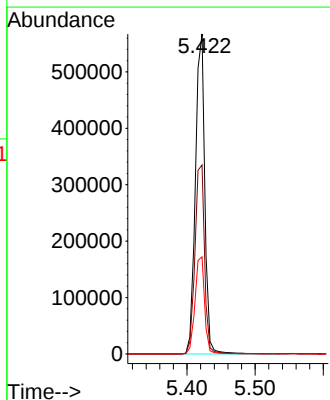
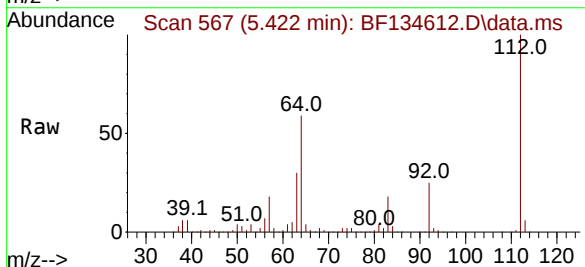
Instrument :
BNA_F
ClientSampleId :
RPTP-9-CS-9

Tgt Ion:152 Resp: 160085
Ion Ratio Lower Upper
152 100
150 156.3 128.3 192.5
115 62.7 52.4 78.6



#5
2-Fluorophenol
Concen: 51.180 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.006 min
Lab File: BF134612.D
Acq: 03 Aug 2023 15:42

Tgt Ion:112 Resp: 538989
Ion Ratio Lower Upper
112 100
64 59.0 44.9 67.3
63 30.4 25.4 38.0

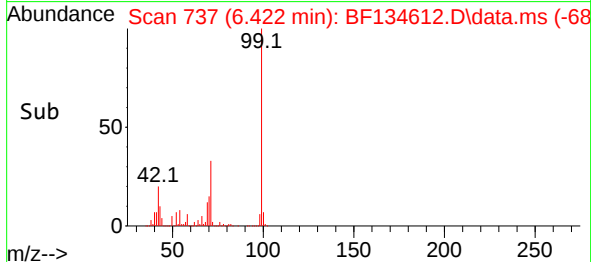
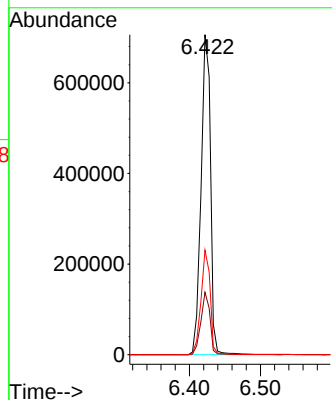
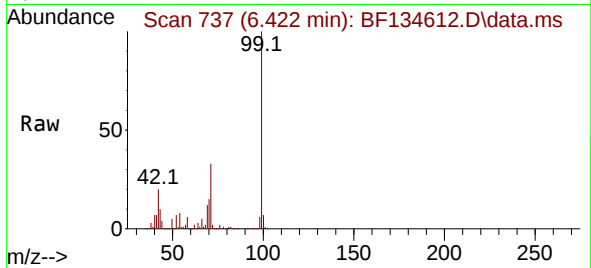




#7
Phenol-d6
Concen: 48.746 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134612.D
Acq: 03 Aug 2023 15:42

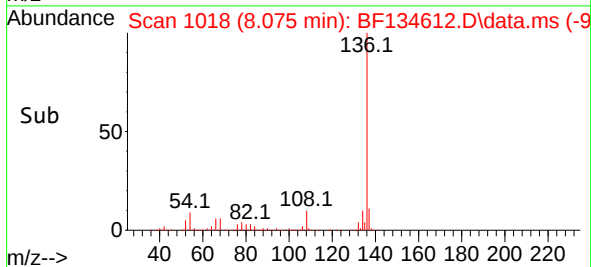
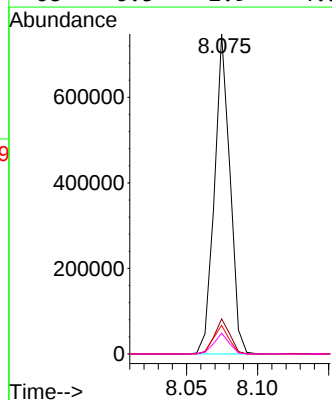
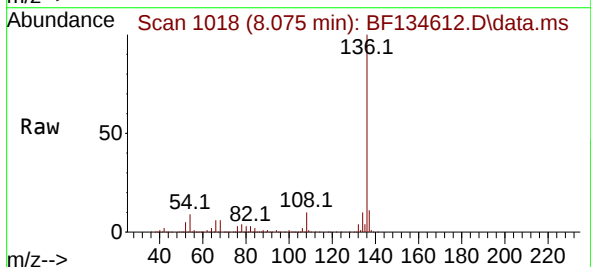
Instrument :
BNA_F
ClientSampleId :
RPTP-9-CS-9

Tgt Ion: 99 Resp: 656227
Ion Ratio Lower Upper
99 100
42 19.5 18.7 28.1
71 32.7 36.4 54.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF134612.D
Acq: 03 Aug 2023 15:42

Tgt Ion: 136 Resp: 571337
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 8.9 5.2 7.8#
68 6.5 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 37.965 ng

RT: 7.357 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF134612.D

Acq: 03 Aug 2023 15:42

Instrument :

BNA_F

ClientSampleId :

RPTP-9-CS-9

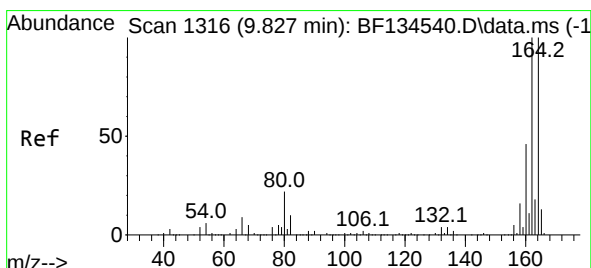
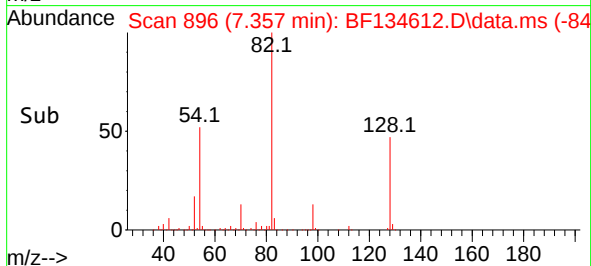
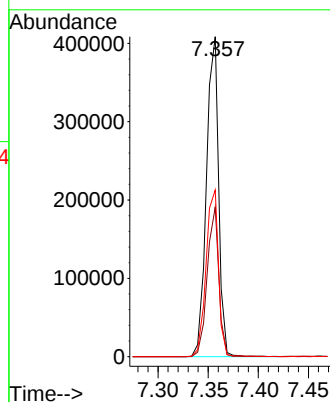
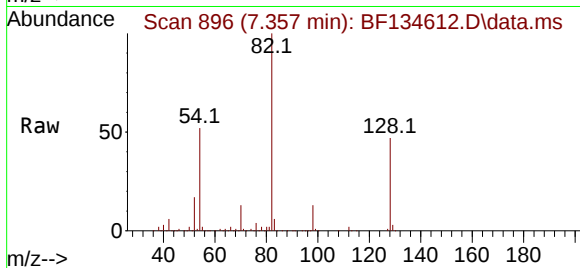
Tgt Ion: 82 Resp: 347095

Ion Ratio Lower Upper

82 100

128 46.7 34.3 51.5

54 52.1 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1317

Delta R.T. 0.006 min

Lab File: BF134612.D

Acq: 03 Aug 2023 15:42

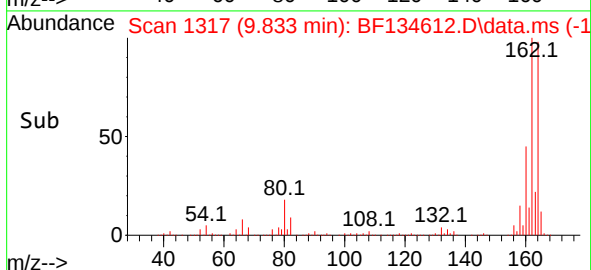
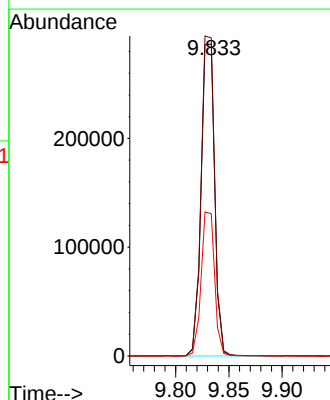
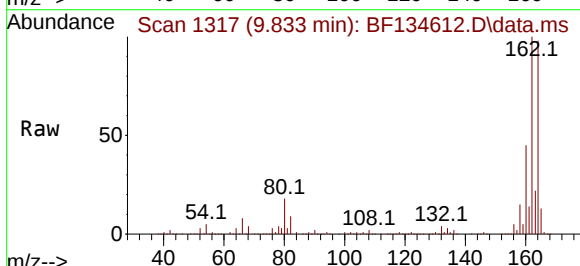
Tgt Ion: 164 Resp: 254525

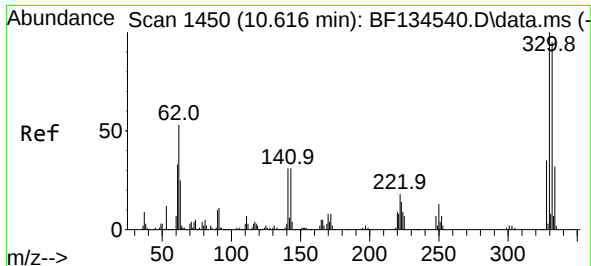
Ion Ratio Lower Upper

164 100

162 101.9 82.6 123.8

160 45.6 37.2 55.8

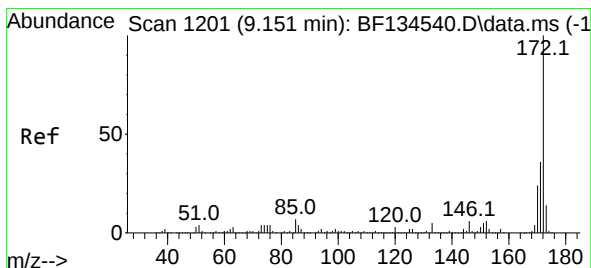
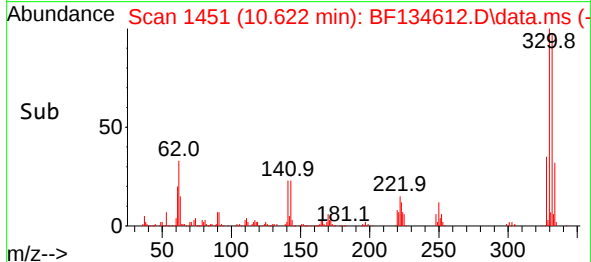
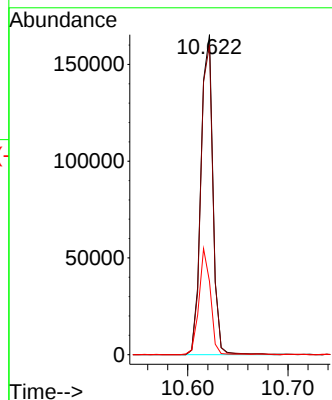
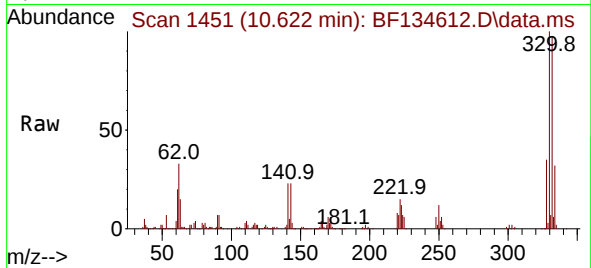




#42
2,4,6-Tribromophenol
Concen: 53.106 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.006 min
Lab File: BF134612.D
Acq: 03 Aug 2023 15:42

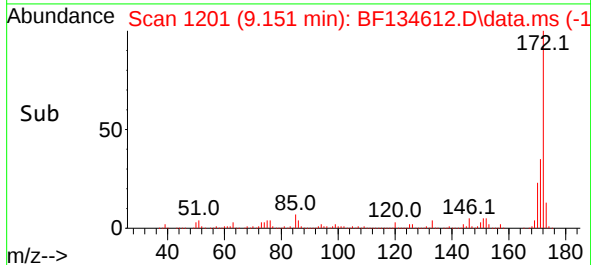
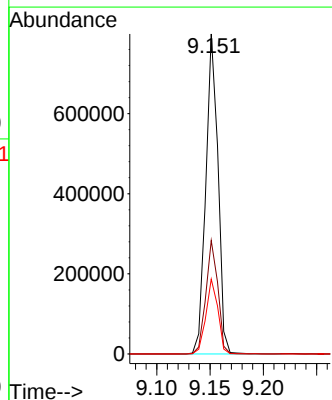
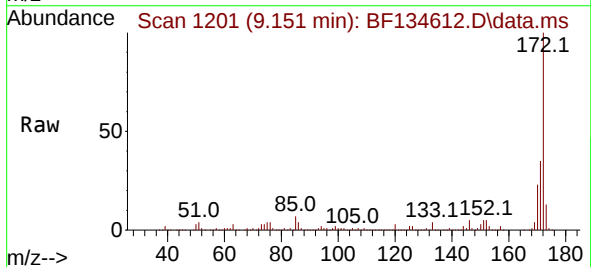
Instrument :
BNA_F
ClientSampleId :
RPTP-9-CS-9

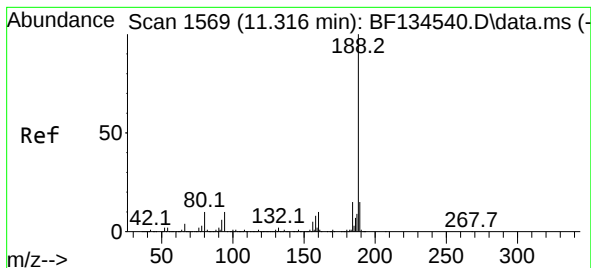
Tgt Ion: 330 Resp: 137791
Ion Ratio Lower Upper
330 100
332 97.6 78.8 118.2
141 31.6 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 41.650 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BF134612.D
Acq: 03 Aug 2023 15:42

Tgt Ion: 172 Resp: 637578
Ion Ratio Lower Upper
172 100
171 35.5 28.8 43.2
170 23.4 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.322 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF134612.D

Acq: 03 Aug 2023 15:42

Instrument :

BNA_F

ClientSampleId :

RPTP-9-CS-9

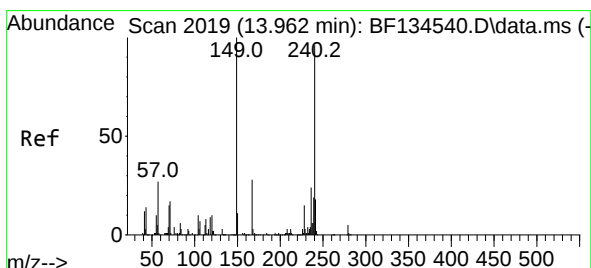
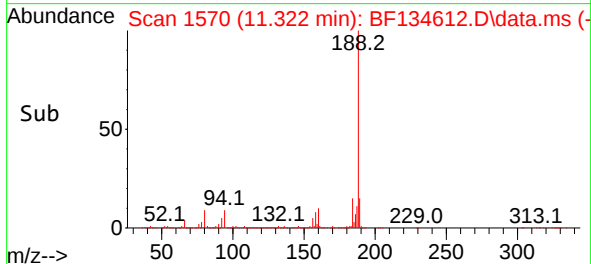
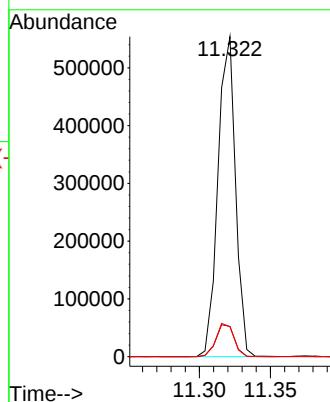
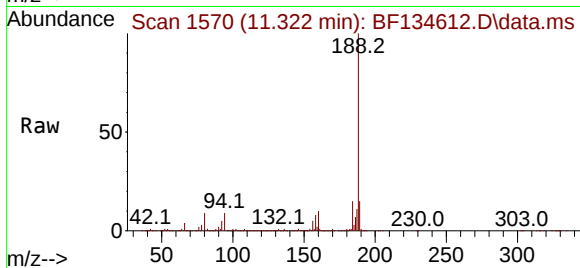
Tgt Ion:188 Resp: 475970

Ion Ratio Lower Upper

188 100

94 9.4 5.1 7.7#

80 9.4 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: BF134612.D

Acq: 03 Aug 2023 15:42

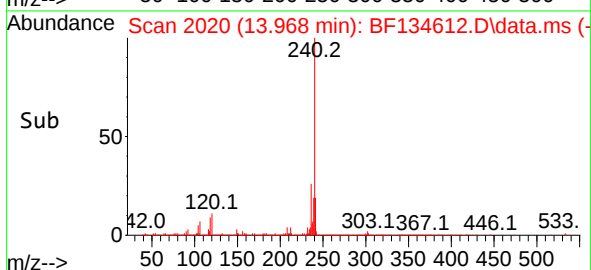
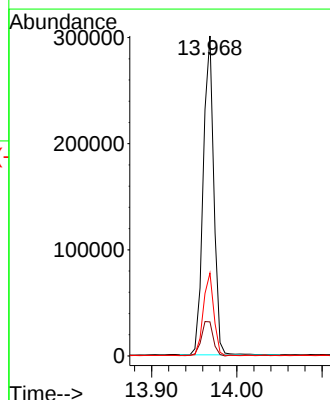
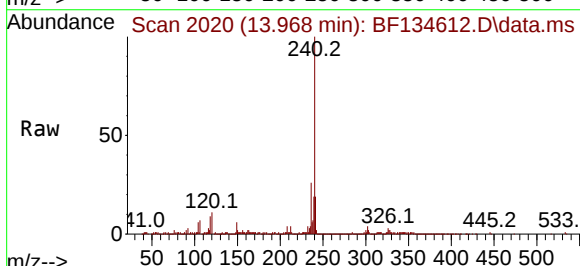
Tgt Ion:240 Resp: 259008

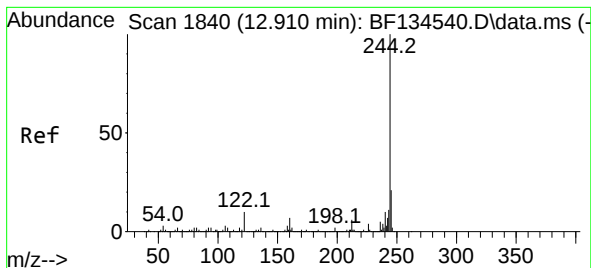
Ion Ratio Lower Upper

240 100

120 10.6 6.6 10.0#

236 25.9 20.2 30.2





#79

Terphenyl-d14

Concen: 46.963 ng

RT: 12.910 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF134612.D

Acq: 03 Aug 2023 15:42

Instrument :

BNA_F

ClientSampleId :

RPTP-9-CS-9

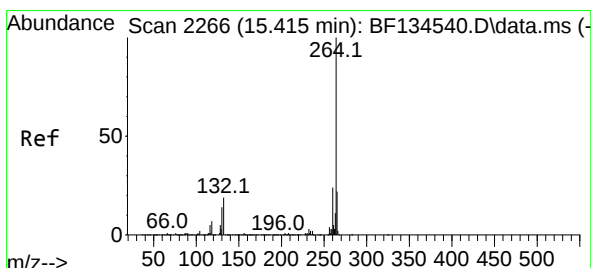
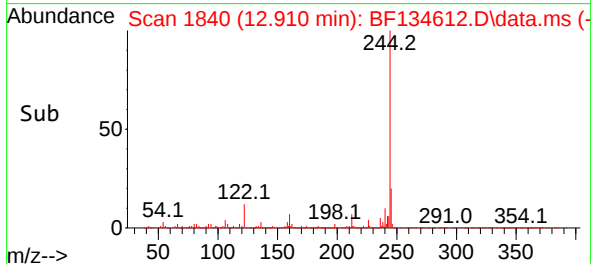
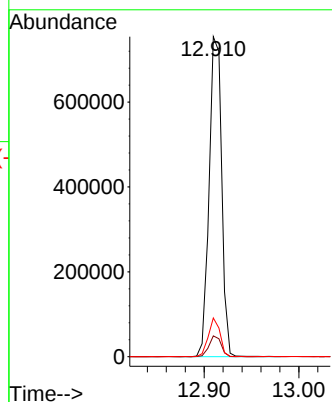
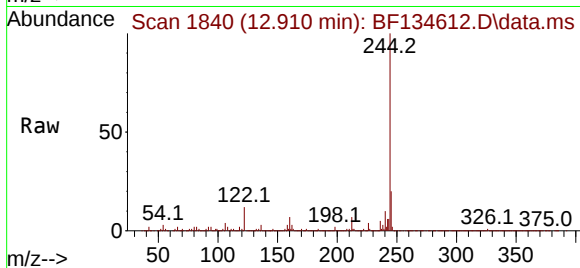
Tgt Ion:244 Resp: 689997

Ion Ratio Lower Upper

244 100

212 6.5 5.6 8.4

122 12.1 8.0 12.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 2270

Delta R.T. 0.024 min

Lab File: BF134612.D

Acq: 03 Aug 2023 15:42

Tgt Ion:264 Resp: 220833

Ion Ratio Lower Upper

264 100

260 23.8 18.4 27.6

265 21.9 15.8 23.8

