

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082923\
 Data File : BF134987.D
 Acq On : 29 Aug 2023 16:50
 Operator : CG\JU
 Sample : PB155024TB
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155024TB

Quant Time: Aug 29 22:27:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 28 02:45:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	113530	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	475654	20.000	ng	-0.01
39) Acenaphthene-d10	9.822	164	256049	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	490192	20.000	ng	-0.01
76) Chrysene-d12	13.962	240	251984	20.000	ng	-0.02
86) Perylene-d12	15.433	264	241629	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1024420	143.891	ng	0.00
7) Phenol-d6	6.428	99	1271112	139.724	ng	-0.01
23) Nitrobenzene-d5	7.351	82	817576	94.715	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	422513	140.108	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1502087	90.688	ng	-0.01
79) Terphenyl-d14	12.915	244	1717834	93.764	ng	0.00

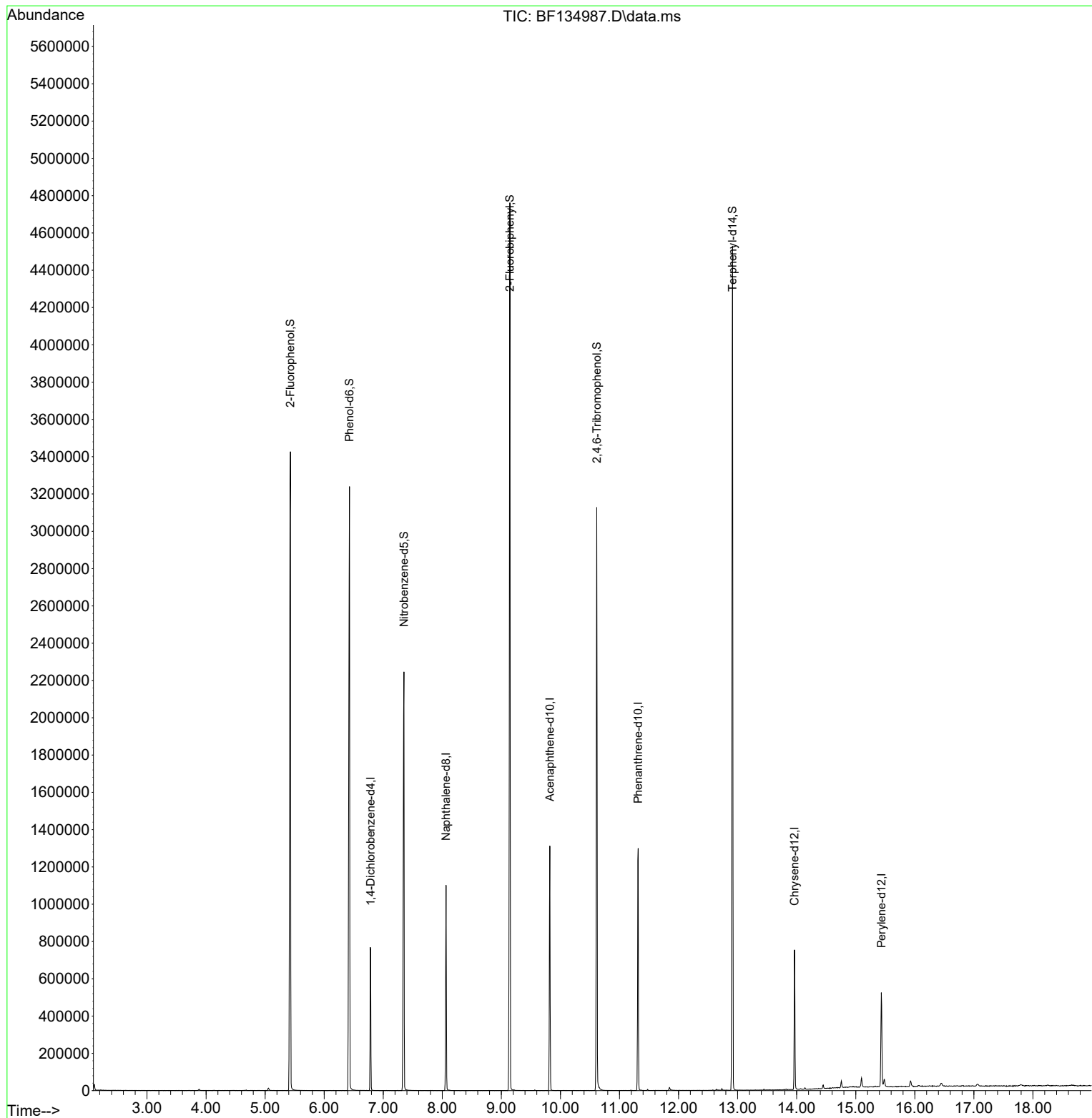
Target Compounds	Qvalue

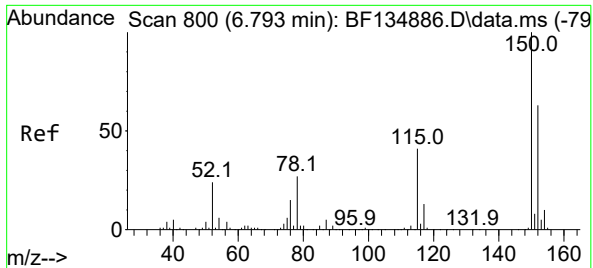
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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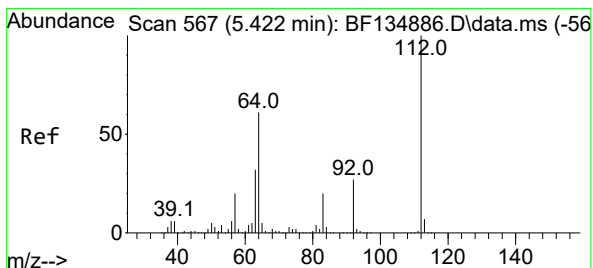
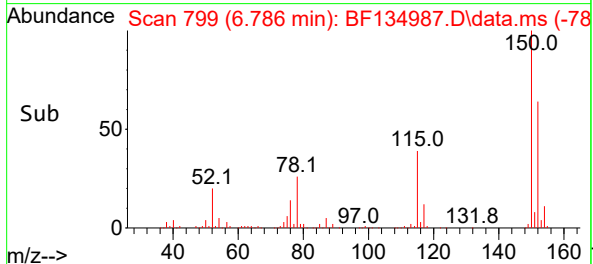
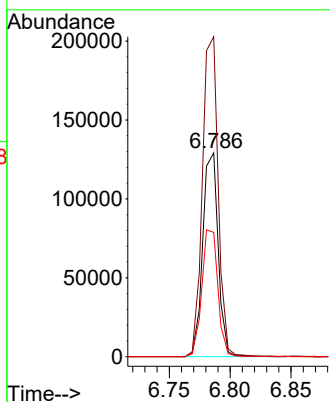
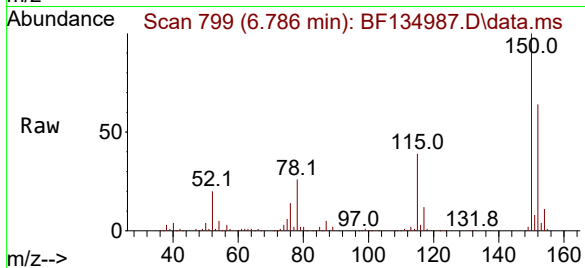




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.786 min Scan# 79
 Delta R.T. -0.007 min
 Lab File: BF134987.D
 Acq: 29 Aug 2023 16:50

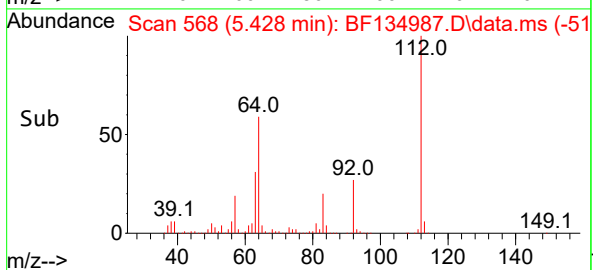
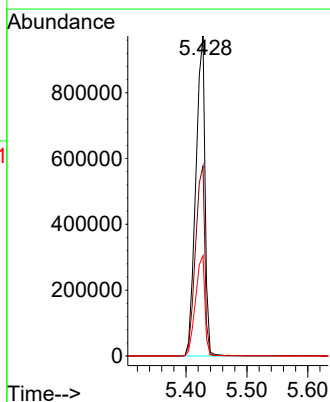
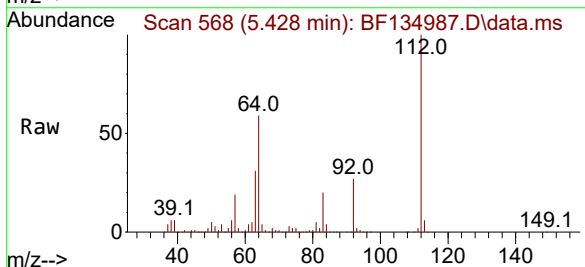
Instrument :
 BNA_F
 ClientSampleId :
 PB155024TB

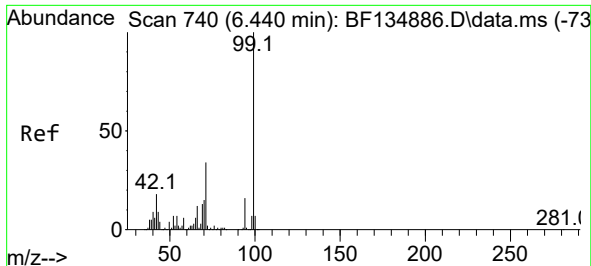
Tgt Ion:152 Resp: 113530
 Ion Ratio Lower Upper
 152 100
 150 157.0 126.1 189.1
 115 61.0 51.1 76.7



#5
 2-Fluorophenol
 Concen: 143.891 ng
 RT: 5.428 min Scan# 568
 Delta R.T. 0.006 min
 Lab File: BF134987.D
 Acq: 29 Aug 2023 16:50

Tgt Ion:112 Resp: 1024420
 Ion Ratio Lower Upper
 112 100
 64 59.4 48.6 73.0
 63 31.4 25.7 38.5

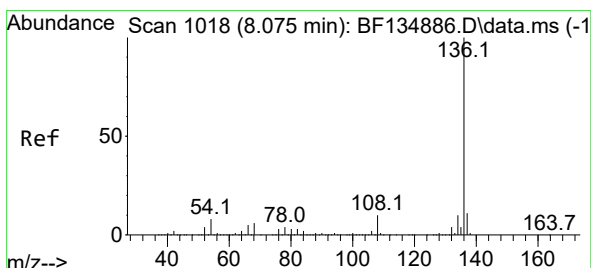
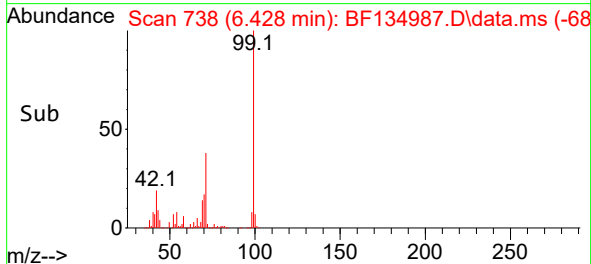
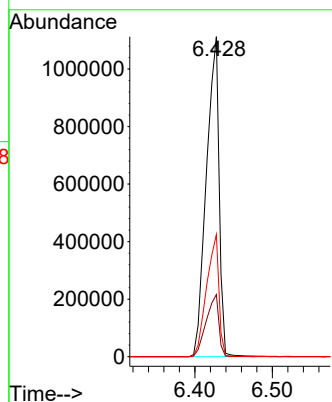
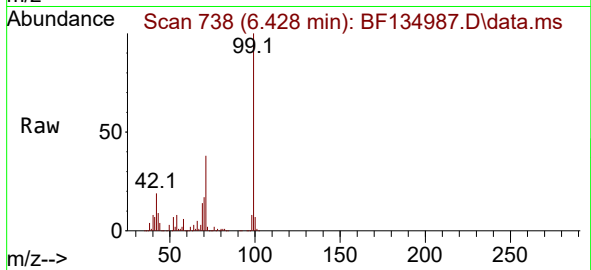




#7
Phenol-d6
Concen: 139.724 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF134987.D
Acq: 29 Aug 2023 16:50

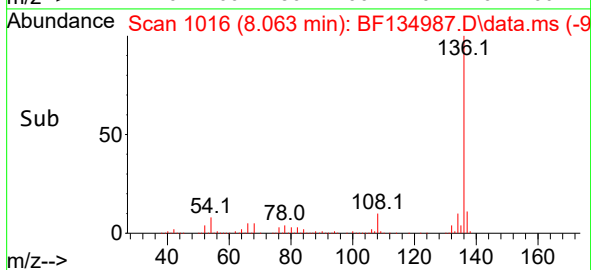
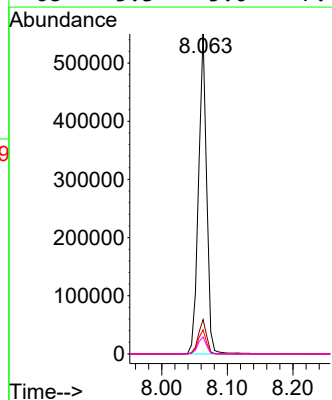
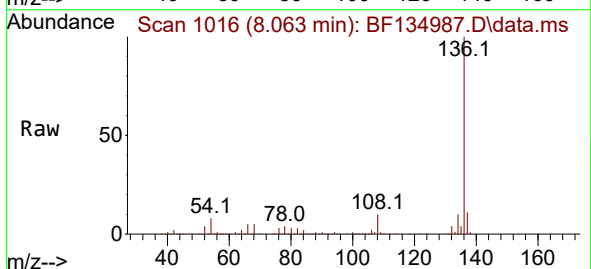
Instrument :
BNA_F
ClientSampleId :
PB155024TB

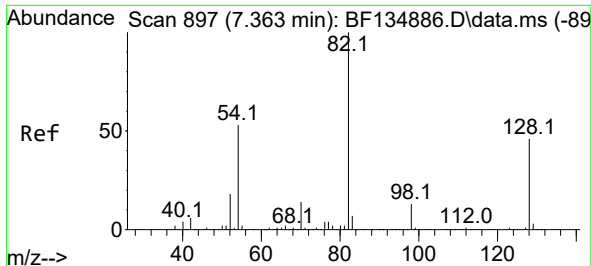
Tgt Ion: 99 Resp: 1271112
Ion Ratio Lower Upper
99 100
42 19.4 14.6 22.0
71 38.2 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF134987.D
Acq: 29 Aug 2023 16:50

Tgt Ion: 136 Resp: 475654
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.5 6.6 9.8
68 5.3 5.0 7.4





#23

Nitrobenzene-d5

Concen: 94.715 ng

RT: 7.351 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF134987.D

Acq: 29 Aug 2023 16:50

Instrument :

BNA_F

ClientSampleId :

PB155024TB

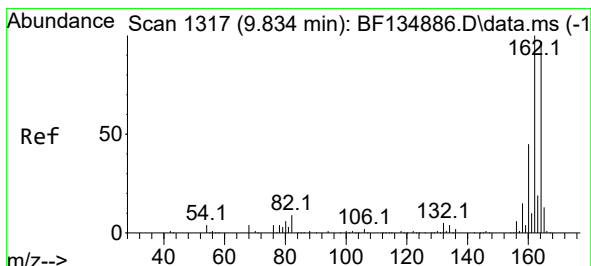
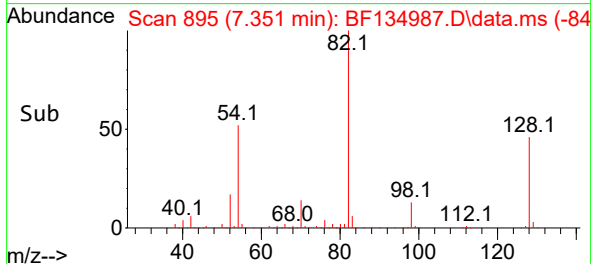
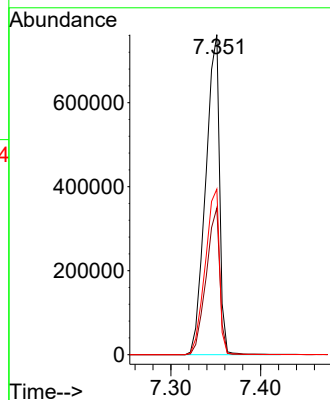
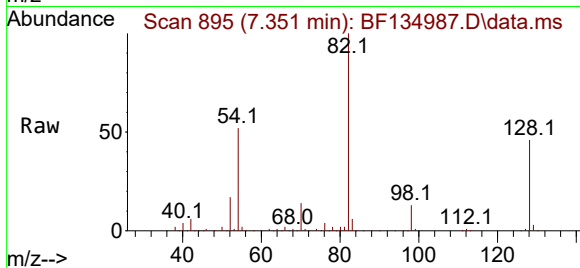
Tgt Ion: 82 Resp: 817576

Ion Ratio Lower Upper

82 100

128 45.8 36.6 54.8

54 51.8 42.6 63.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1315

Delta R.T. -0.012 min

Lab File: BF134987.D

Acq: 29 Aug 2023 16:50

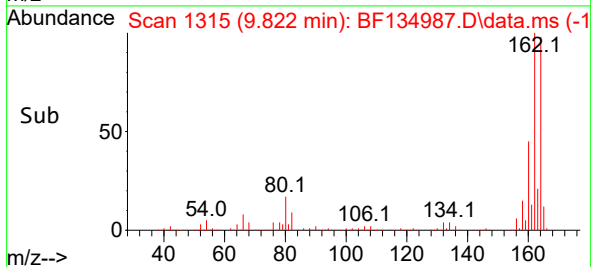
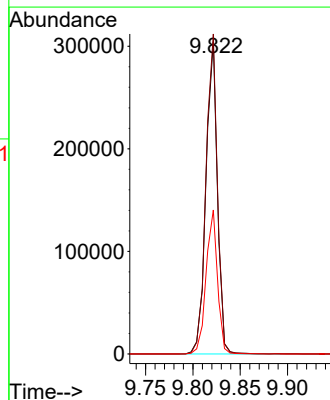
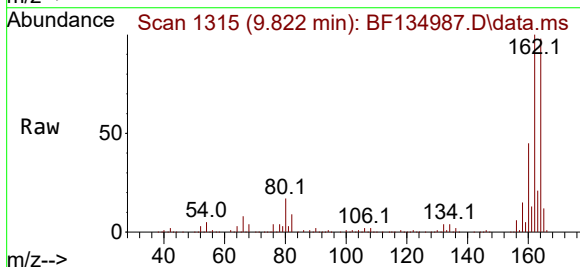
Tgt Ion:164 Resp: 256049

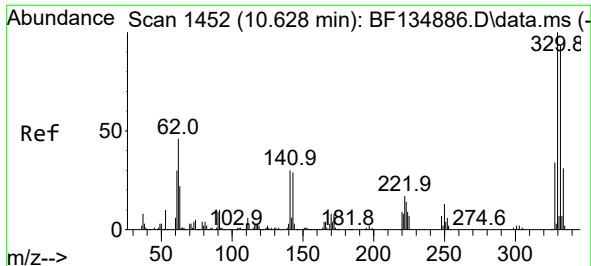
Ion Ratio Lower Upper

164 100

162 102.5 82.6 123.8

160 46.1 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 140.108 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.012 min

Lab File: BF134987.D

Acq: 29 Aug 2023 16:50

Instrument :

BNA_F

ClientSampleId :

PB155024TB

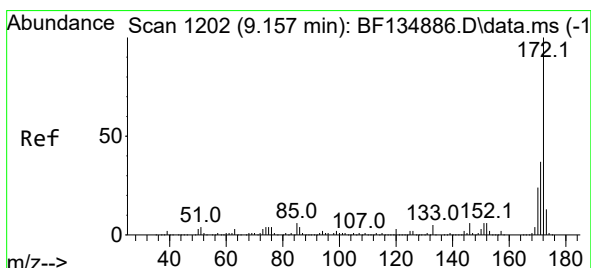
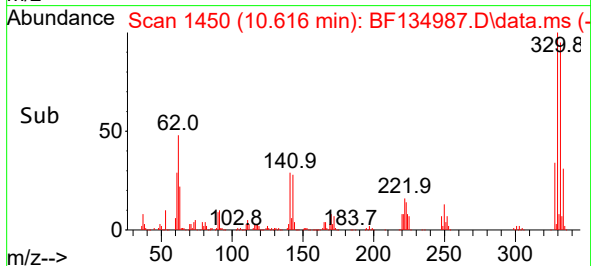
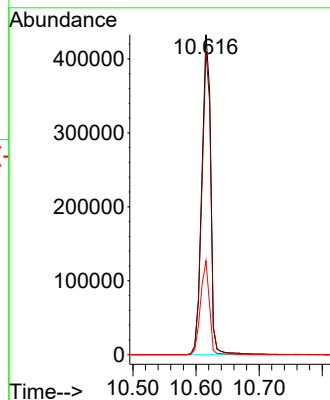
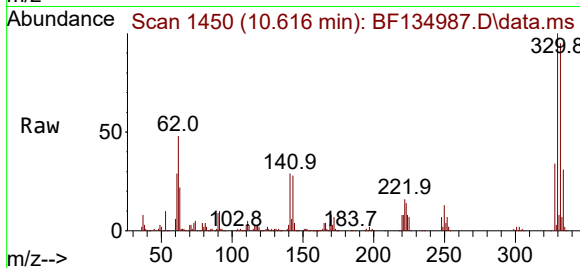
Tgt Ion:330 Resp: 422513

Ion Ratio Lower Upper

330 100

332 95.3 76.3 114.5

141 29.3 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 90.688 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.012 min

Lab File: BF134987.D

Acq: 29 Aug 2023 16:50

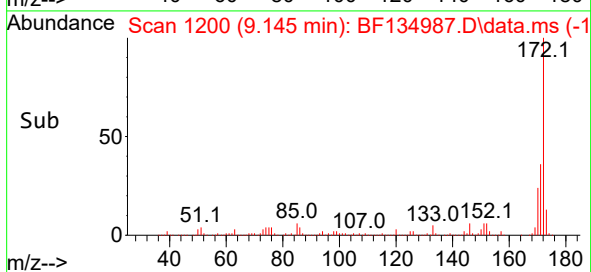
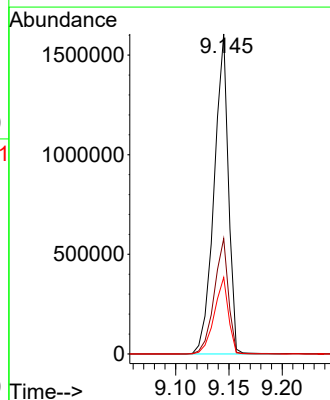
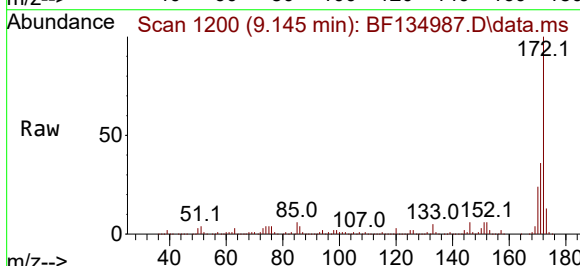
Tgt Ion:172 Resp: 1502087

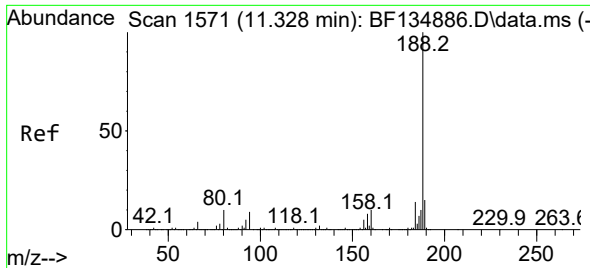
Ion Ratio Lower Upper

172 100

171 36.1 29.4 44.0

170 23.9 19.6 29.4

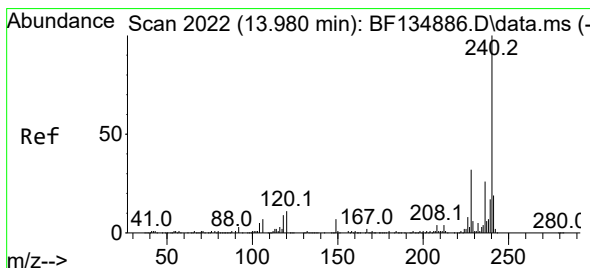
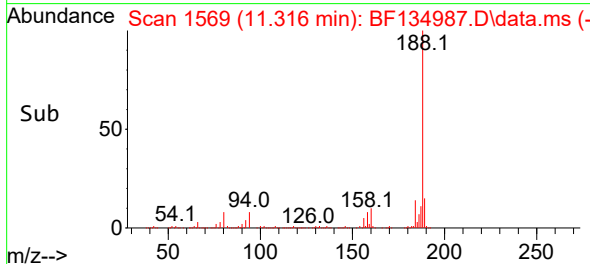
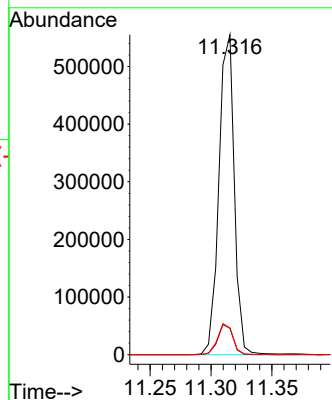
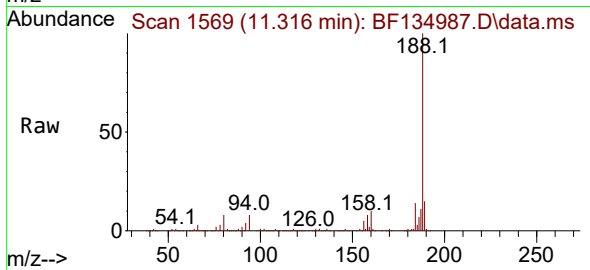




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134987.D
Acq: 29 Aug 2023 16:50

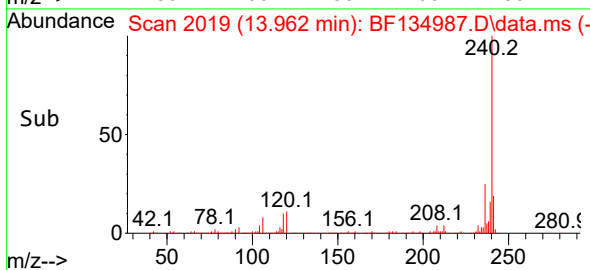
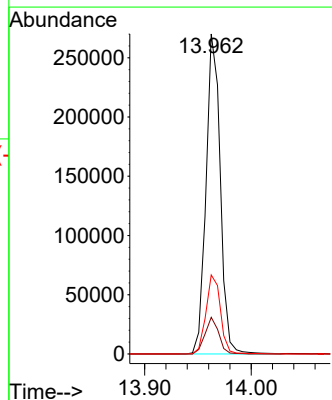
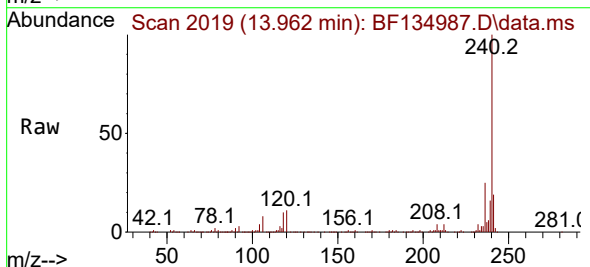
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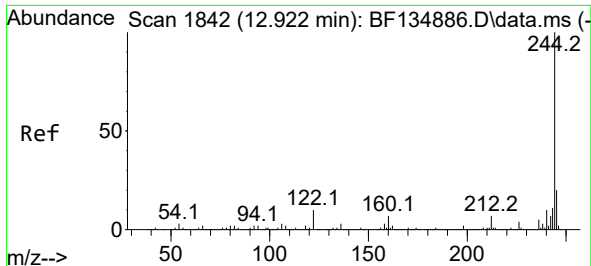
Tgt Ion:188 Resp: 490192
Ion Ratio Lower Upper
188 100
94 8.3 7.5 11.3
80 8.4 7.8 11.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.018 min
Lab File: BF134987.D
Acq: 29 Aug 2023 16:50

Tgt Ion:240 Resp: 251984
Ion Ratio Lower Upper
240 100
120 11.4 8.6 12.8
236 24.7 20.6 31.0

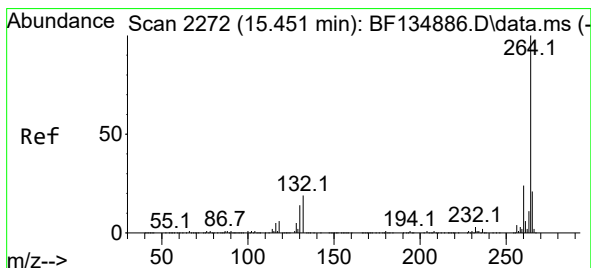
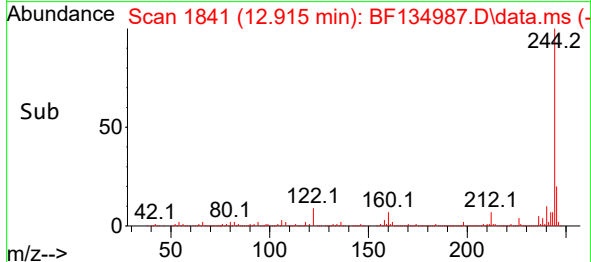
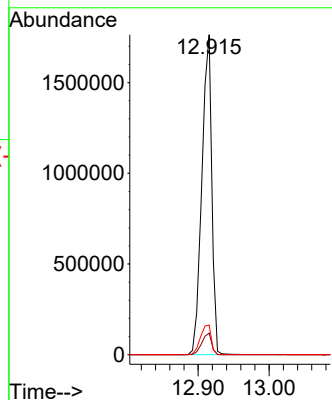
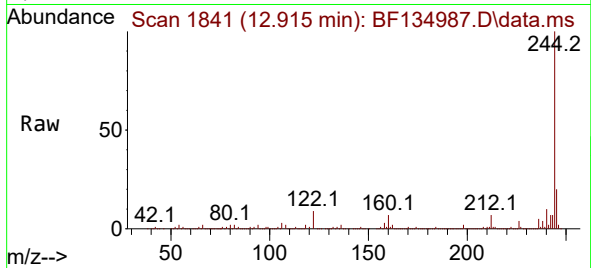




#79
 Terphenyl-d14
 Concen: 93.764 ng
 RT: 12.915 min Scan# 1841
 Delta R.T. -0.007 min
 Lab File: BF134987.D
 Acq: 29 Aug 2023 16:50

Instrument :
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Tgt Ion:244 Resp: 1717834
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 9.2 8.2 12.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 2269
 Delta R.T. -0.018 min
 Lab File: BF134987.D
 Acq: 29 Aug 2023 16:50

Tgt Ion:264 Resp: 241629
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.0 28.6
 265 21.7 17.1 25.7

