

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082024\
 Data File : BF139087.D
 Acq On : 20 Aug 2024 22:10
 Operator : RC/JU
 Sample : PB162687BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162687BL

Quant Time: Aug 21 01:49:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 21 01:25:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	90299	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	335821	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	200816	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	358000	20.000	ng	0.00
76) Chrysene-d12	14.051	240	272888	20.000	ng	0.00
86) Perylene-d12	15.527	264	248360	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	781770	133.198	ng	0.01
7) Phenol-d6	6.516	99	1006301	132.691	ng	0.00
23) Nitrobenzene-d5	7.457	82	659497	114.432	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	273613	150.506	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1164652	92.017	ng	0.00
79) Terphenyl-d14	13.010	244	1429354	86.912	ng	0.00

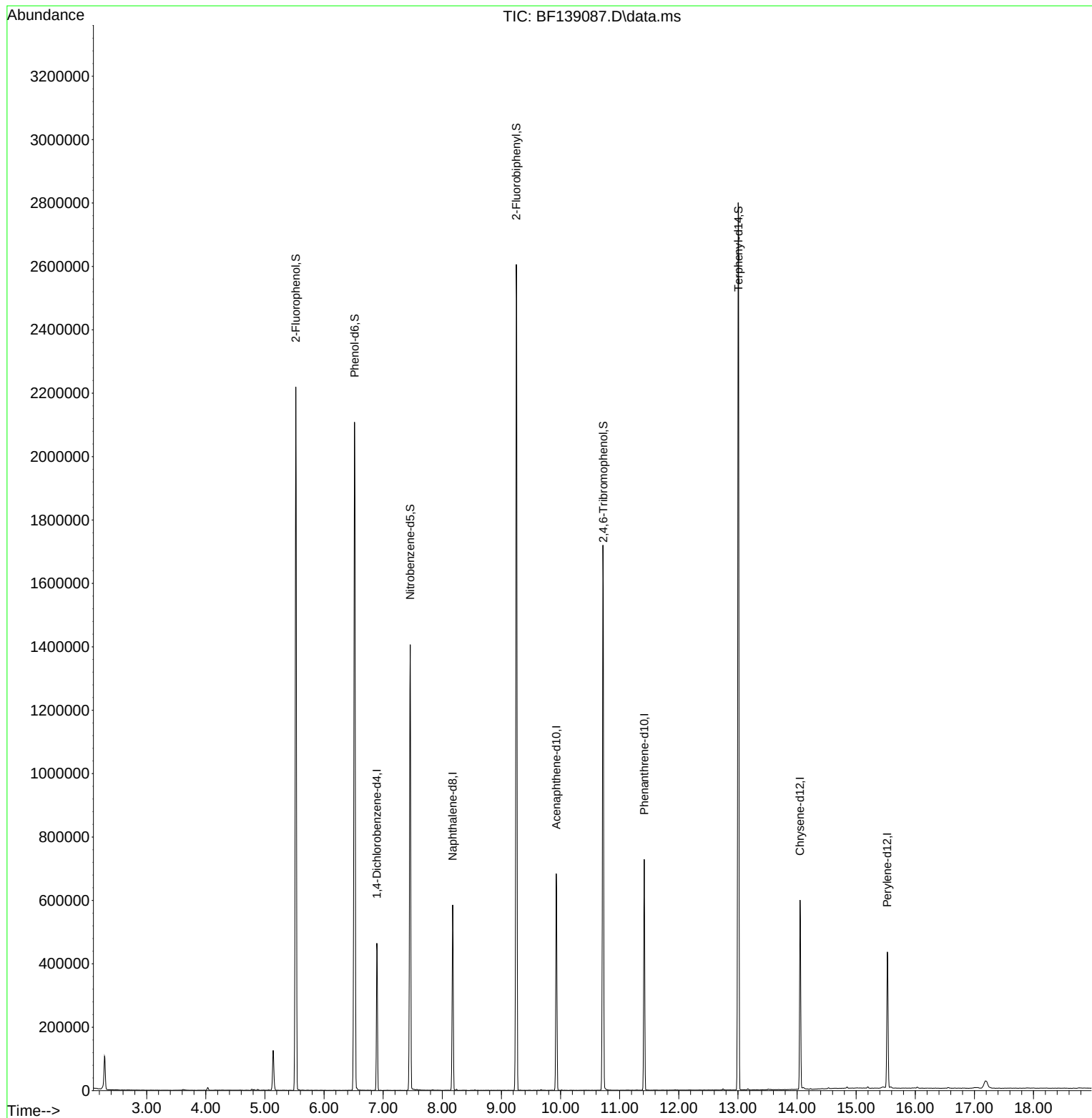
Target Compounds	Qvalue

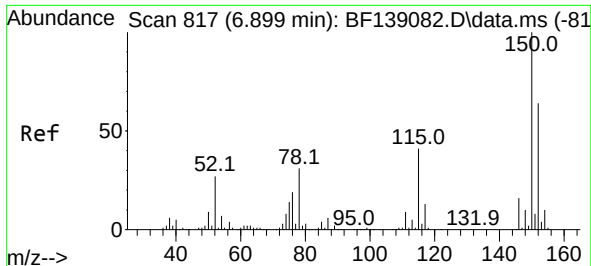
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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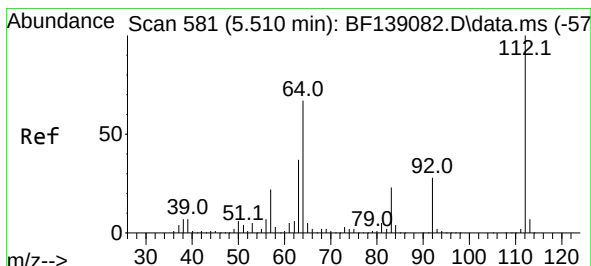
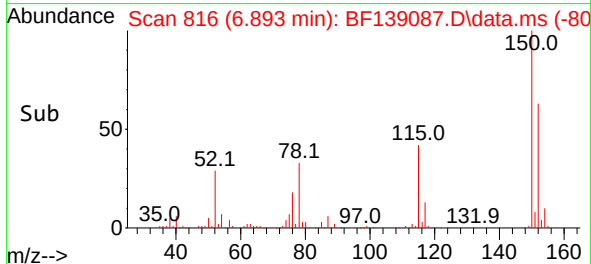
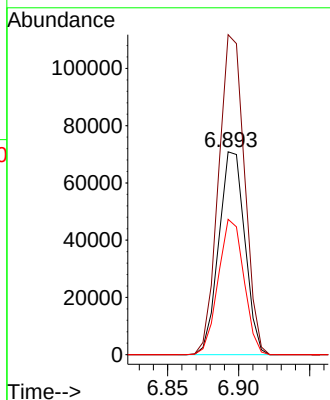
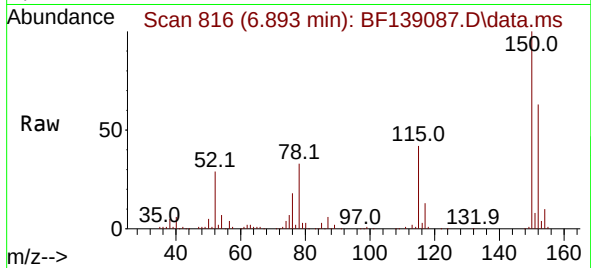




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139087.D
Acq: 20 Aug 2024 22:10

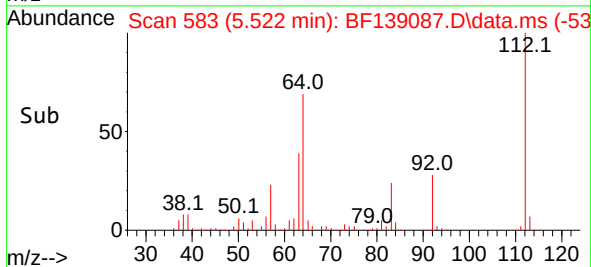
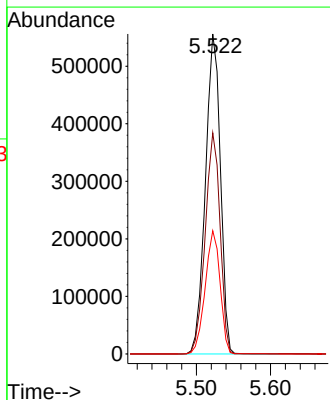
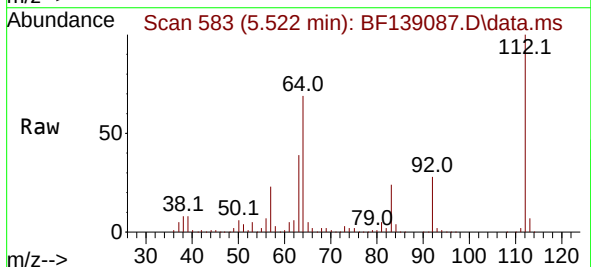
Instrument :
BNA_F
ClientSampleId :
PB162687BL

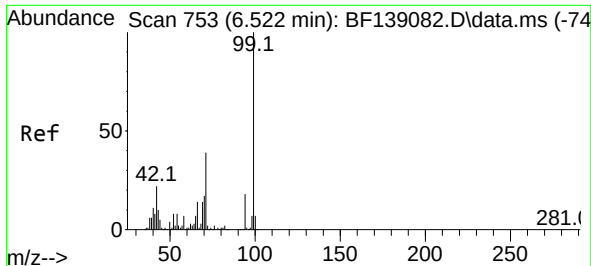
Tgt Ion:152 Resp: 90299
Ion Ratio Lower Upper
152 100
150 157.8 125.1 187.7
115 66.7 51.8 77.6



#5
2-Fluorophenol
Concen: 133.198 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.012 min
Lab File: BF139087.D
Acq: 20 Aug 2024 22:10

Tgt Ion:112 Resp: 781770
Ion Ratio Lower Upper
112 100
64 69.1 53.8 80.6
63 38.5 29.4 44.2

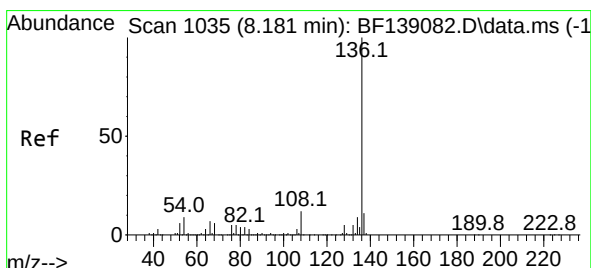
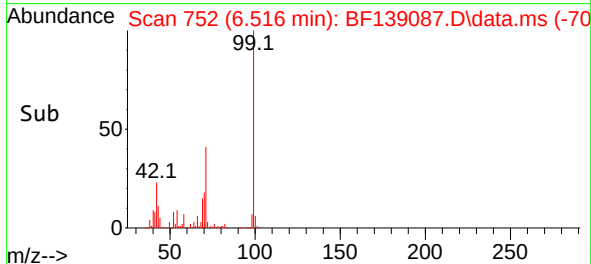
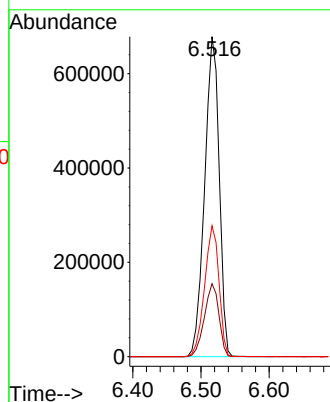
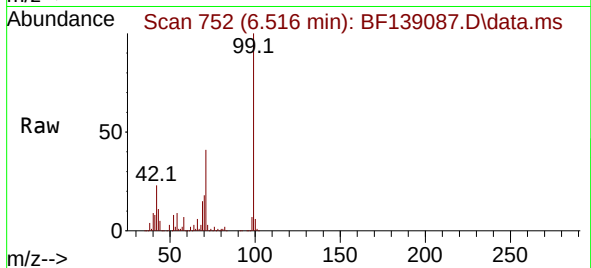




#7
Phenol-d6
Concen: 132.691 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139087.D
Acq: 20 Aug 2024 22:10

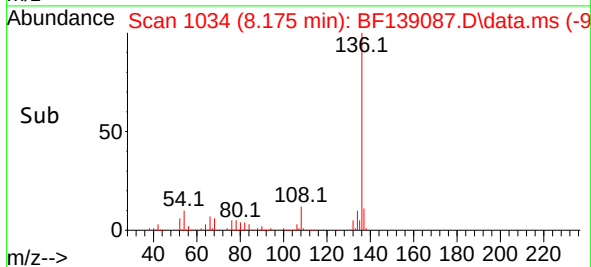
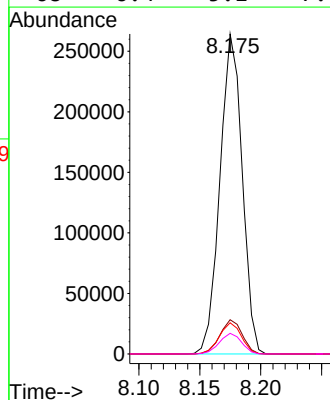
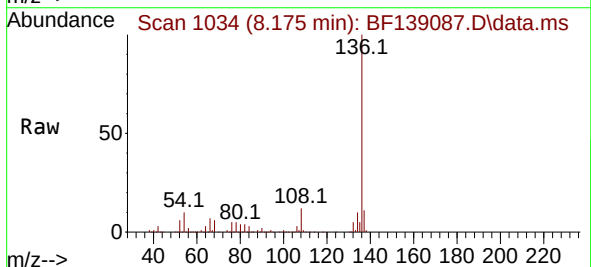
Instrument :
BNA_F
ClientSampleId :
PB162687BL

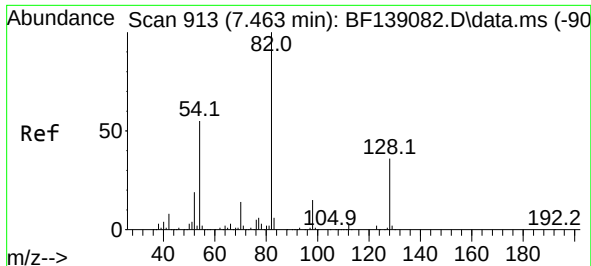
Tgt Ion: 99 Resp: 1006301
Ion Ratio Lower Upper
99 100
42 22.8 17.4 26.2
71 40.9 31.2 46.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF139087.D
Acq: 20 Aug 2024 22:10

Tgt Ion: 136 Resp: 335821
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 9.7 7.6 11.4
68 6.4 5.1 7.7





#23

Nitrobenzene-d5

Concen: 114.432 ng

RT: 7.457 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF139087.D

Acq: 20 Aug 2024 22:10

Instrument :

BNA_F

ClientSampleId :

PB162687BL

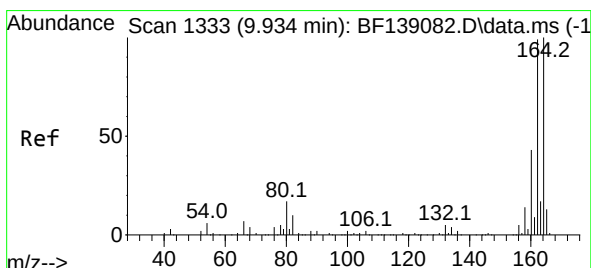
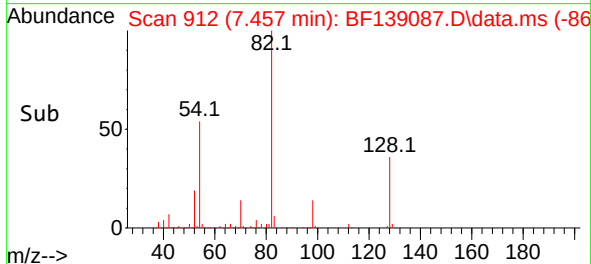
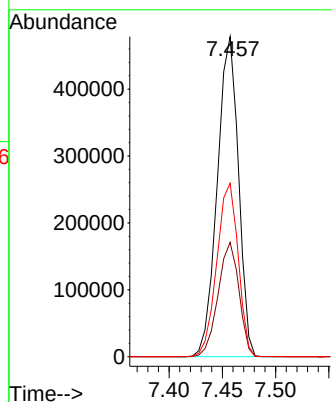
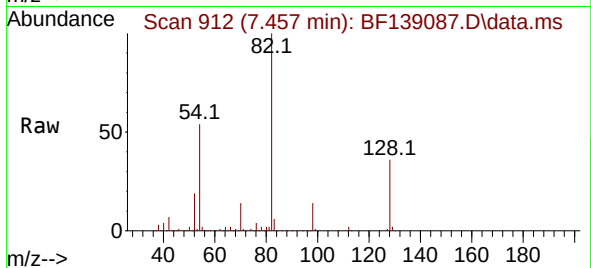
Tgt Ion: 82 Resp: 659497

Ion Ratio Lower Upper

82 100

128 35.7 29.0 43.4

54 54.2 43.4 65.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1332

Delta R.T. -0.006 min

Lab File: BF139087.D

Acq: 20 Aug 2024 22:10

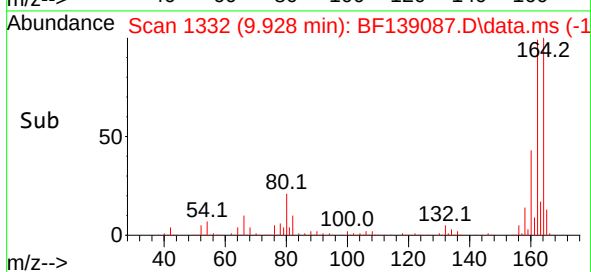
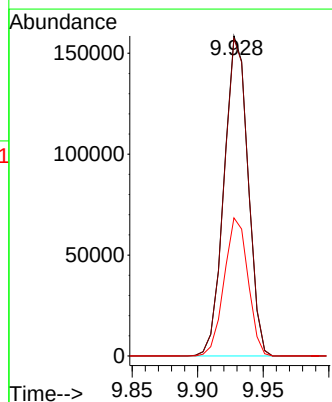
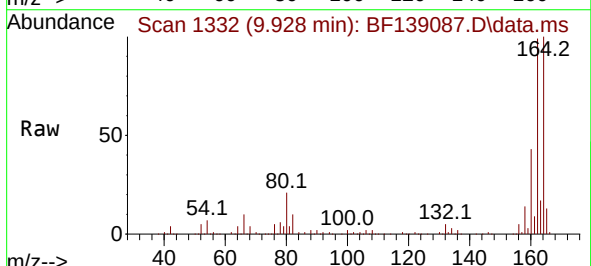
Tgt Ion:164 Resp: 200816

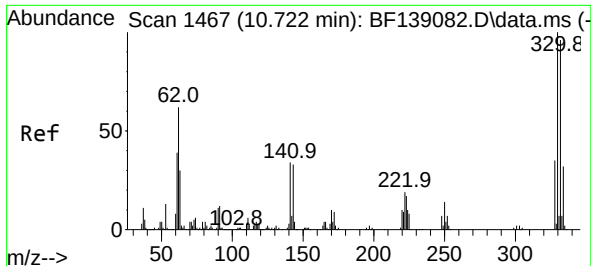
Ion Ratio Lower Upper

164 100

162 99.2 79.5 119.3

160 43.1 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 150.506 ng

RT: 10.722 min Scan# 1467

Delta R.T. -0.000 min

Lab File: BF139087.D

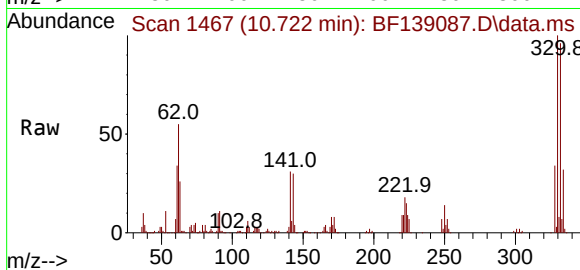
Acq: 20 Aug 2024 22:10

Instrument :

BNA_F

ClientSampleId :

PB162687BL



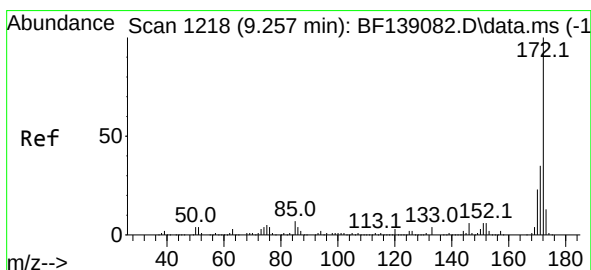
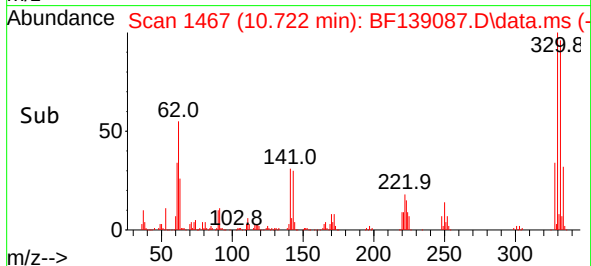
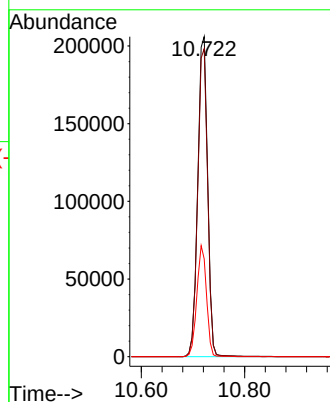
Tgt Ion:330 Resp: 273613

Ion Ratio Lower Upper

330 100

332 96.4 77.0 115.6

141 33.9 27.5 41.3



#45

2-Fluorobiphenyl

Concen: 92.017 ng

RT: 9.251 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF139087.D

Acq: 20 Aug 2024 22:10

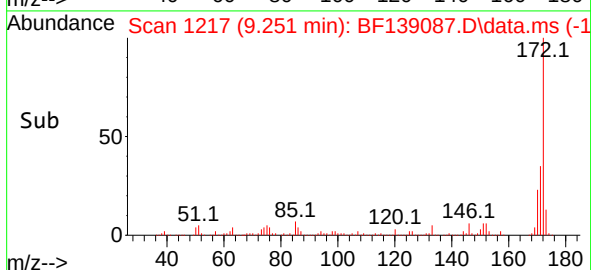
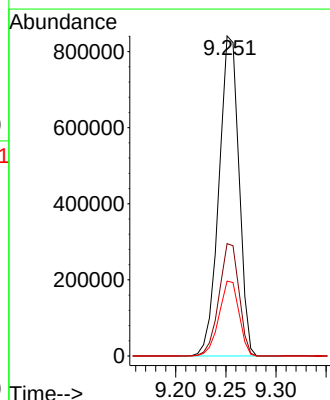
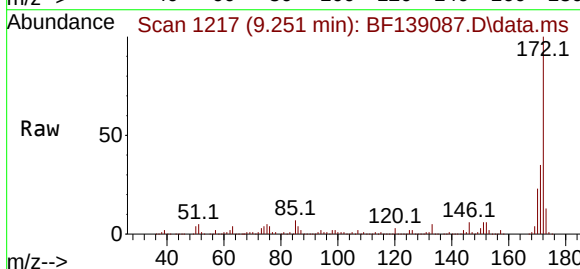
Tgt Ion:172 Resp: 1164652

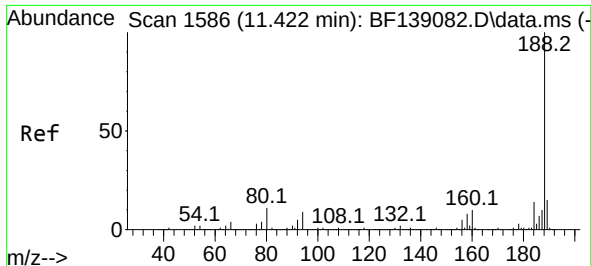
Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 23.4 18.8 28.2

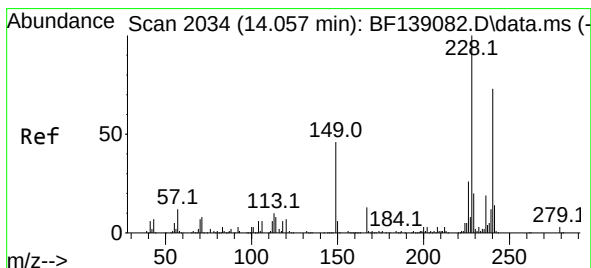
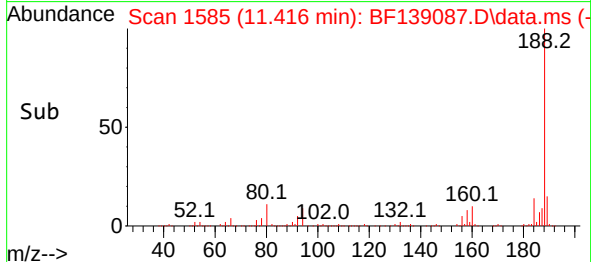
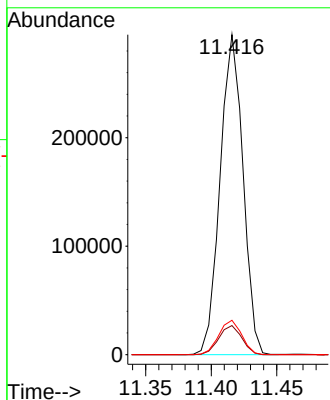
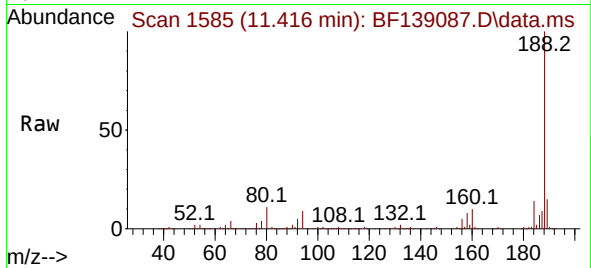




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139087.D
Acq: 20 Aug 2024 22:10

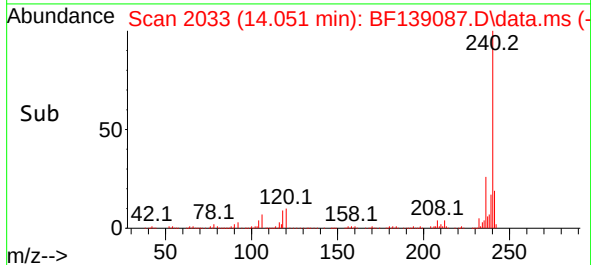
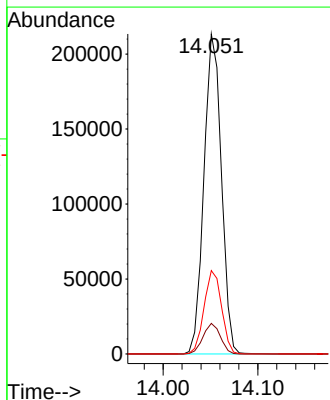
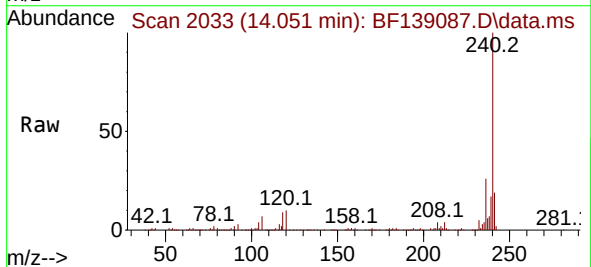
Instrument :
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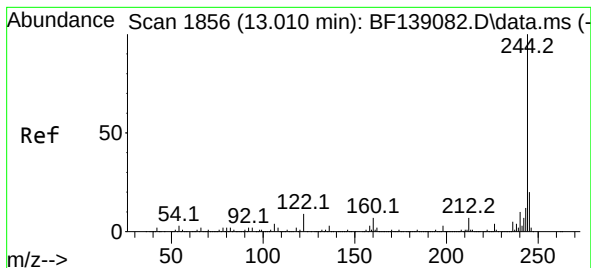
Tgt Ion:188 Resp: 358000
Ion Ratio Lower Upper
188 100
94 9.1 7.2 10.8
80 10.7 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF139087.D
Acq: 20 Aug 2024 22:10

Tgt Ion:240 Resp: 272888
Ion Ratio Lower Upper
240 100
120 9.6 7.8 11.6
236 26.0 20.9 31.3





#79

Terphenyl-d14

Concen: 86.912 ng

RT: 13.010 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139087.D

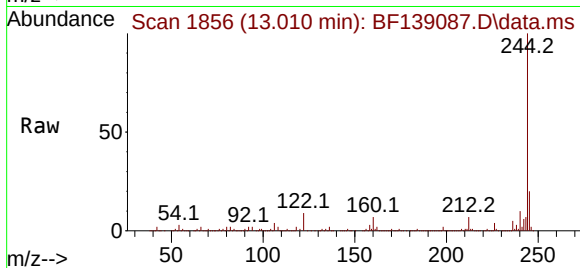
Acq: 20 Aug 2024 22:10

Instrument :

BNA_F

ClientSampleId :

PB162687BL



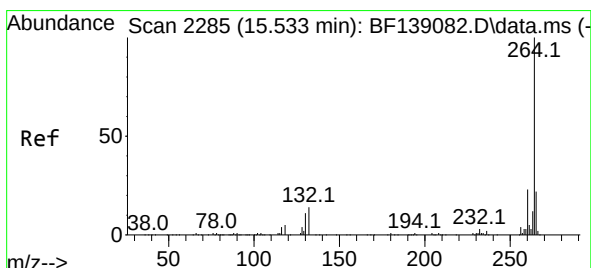
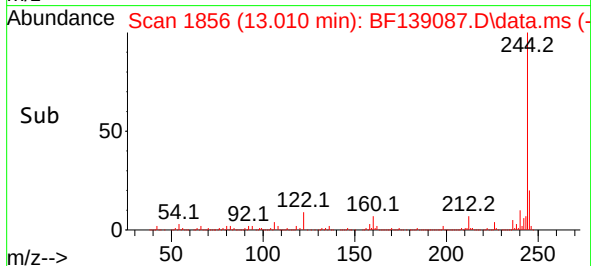
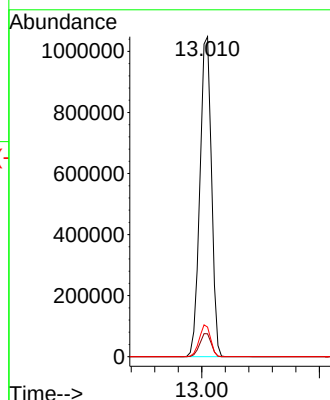
Tgt Ion:244 Resp: 1429354

Ion	Ratio	Lower	Upper
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244	100		
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212	7.2	5.8	8.6
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122	9.2	7.6	11.4
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#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2284

Delta R.T. -0.006 min

Lab File: BF139087.D

Acq: 20 Aug 2024 22:10

Tgt Ion:264 Resp: 248360

Ion	Ratio	Lower	Upper
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264	100		
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260	23.3	18.6	27.8
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265	21.6	17.4	26.2
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