

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091124\
 Data File : BF139327.D
 Acq On : 11 Sep 2024 15:56
 Operator : RC/JU
 Sample : P3906-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-701-COMP-02

Quant Time: Sep 11 16:20:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 16:11:43 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	100957	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	376641	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	215323	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	403967	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	204597	20.000	ng	-0.01
86) Perylene-d12	15.510	264	148019	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	664538	110.115	ng	0.00
7) Phenol-d6	6.510	99	832281	103.305	ng	0.00
23) Nitrobenzene-d5	7.445	82	613066	84.678	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	274297	147.523	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1155180	82.814	ng	-0.01
79) Terphenyl-d14	12.992	244	1282512	101.210	ng	0.00

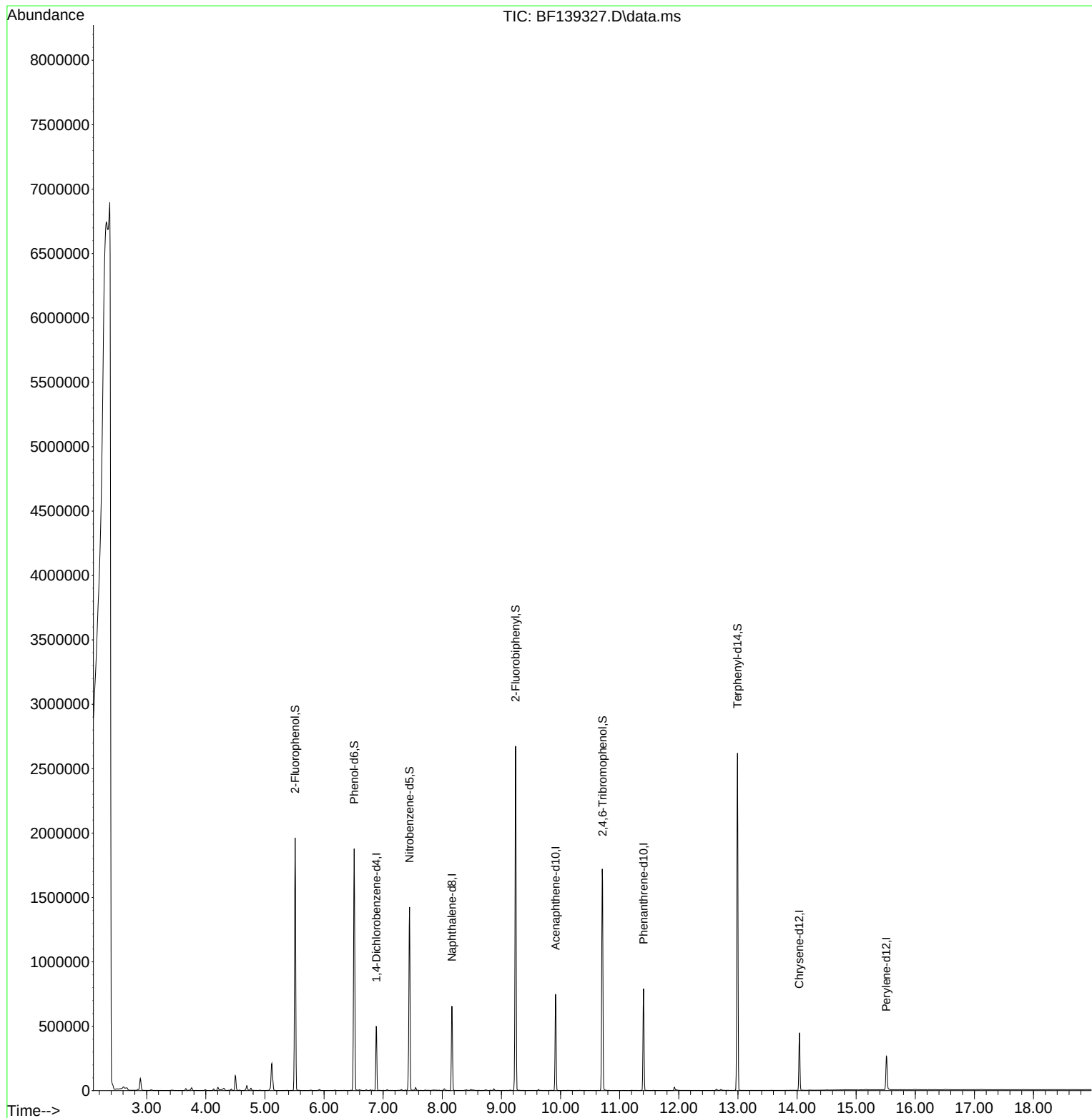
Target Compounds	Qvalue

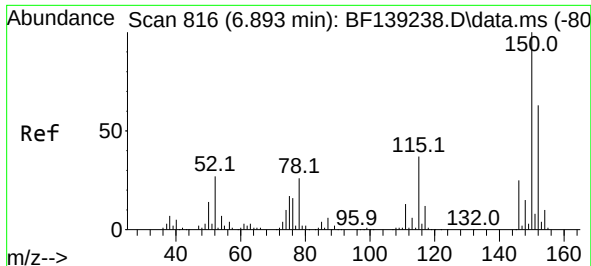
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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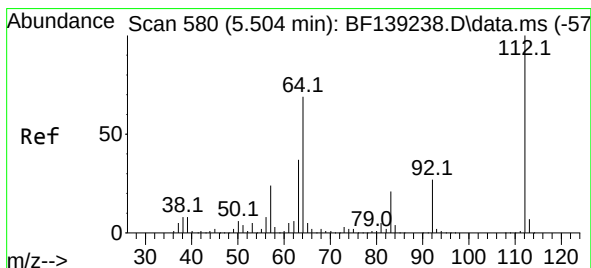
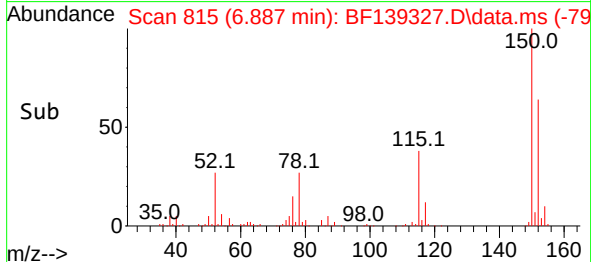
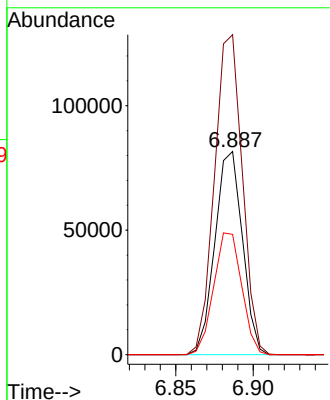
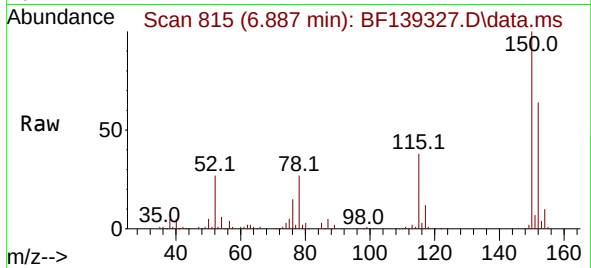




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 816
 Delta R.T. -0.006 min
 Lab File: BF139327.D
 Acq: 11 Sep 2024 15:56

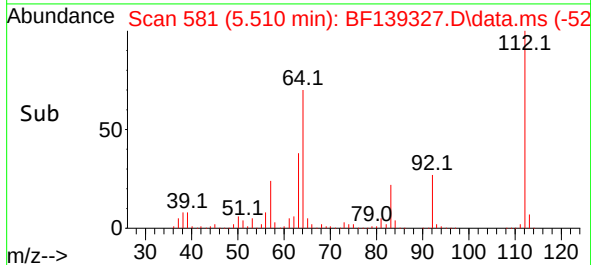
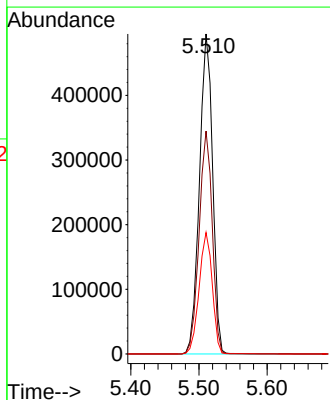
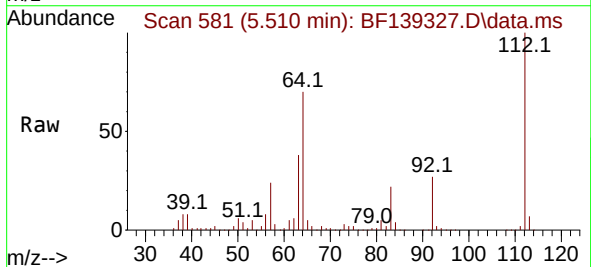
Instrument :
 BNA_F
 ClientSampleId :
 SU-701-COMP-02

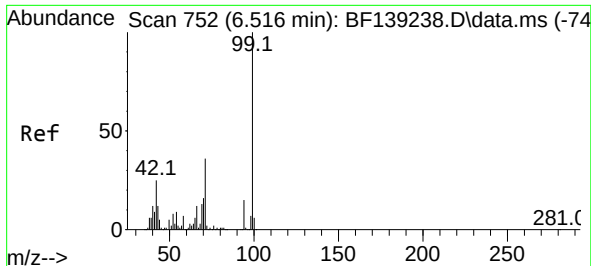
Tgt Ion:152 Resp: 100957
 Ion Ratio Lower Upper
 152 100
 150 157.4 127.0 190.4
 115 59.2 46.9 70.3



#5
 2-Fluorophenol
 Concen: 110.115 ng
 RT: 5.510 min Scan# 581
 Delta R.T. 0.006 min
 Lab File: BF139327.D
 Acq: 11 Sep 2024 15:56

Tgt Ion:112 Resp: 664538
 Ion Ratio Lower Upper
 112 100
 64 69.7 55.0 82.4
 63 38.0 29.9 44.9

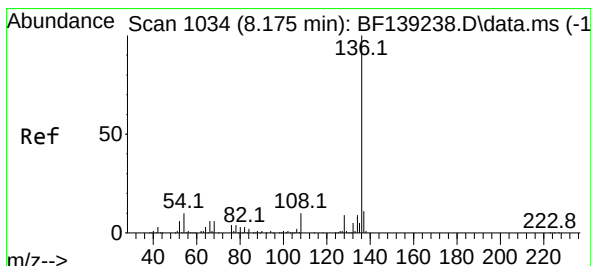
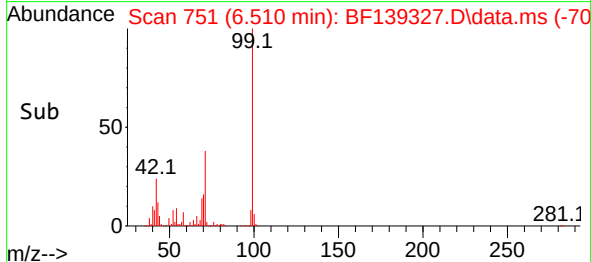
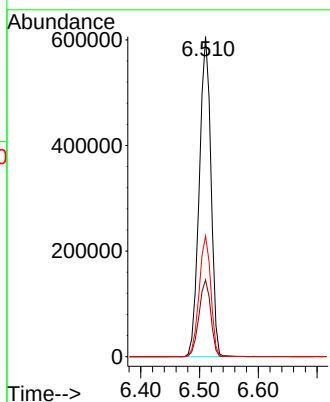
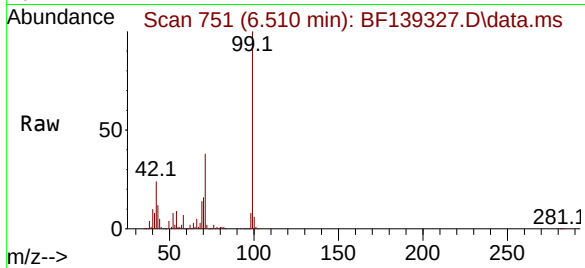




#7
Phenol-d6
Concen: 103.305 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139327.D
Acq: 11 Sep 2024 15:56

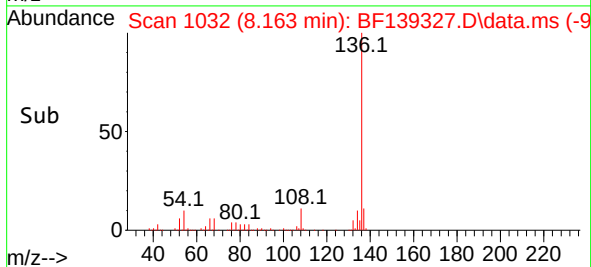
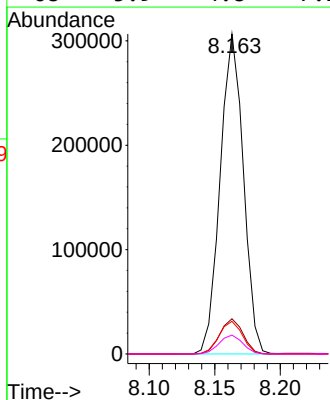
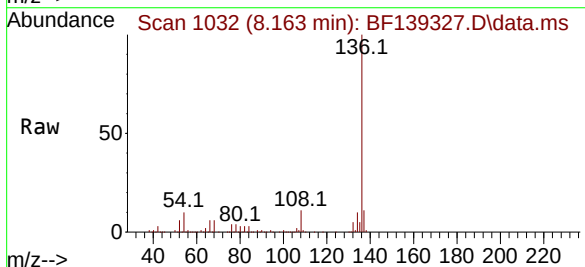
Instrument :
BNA_F
ClientSampleId :
SU-701-COMP-02

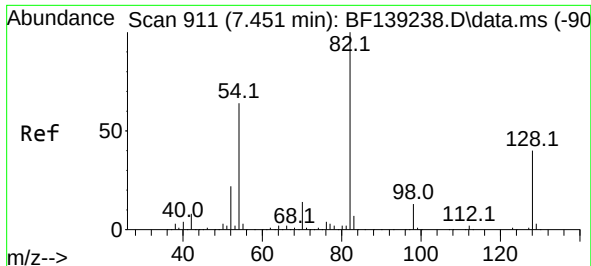
Tgt Ion: 99 Resp: 832281
Ion Ratio Lower Upper
99 100
42 24.0 19.8 29.6
71 37.7 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF139327.D
Acq: 11 Sep 2024 15:56

Tgt Ion: 136 Resp: 376641
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 10.2 8.4 12.6
68 5.9 4.8 7.2

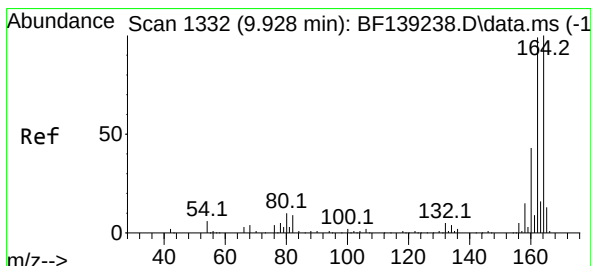
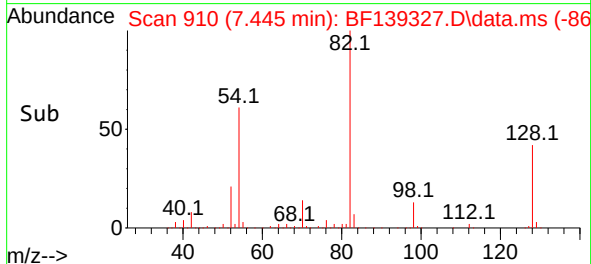
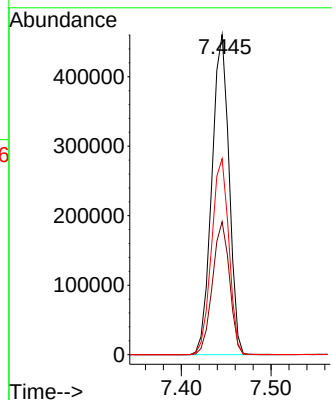
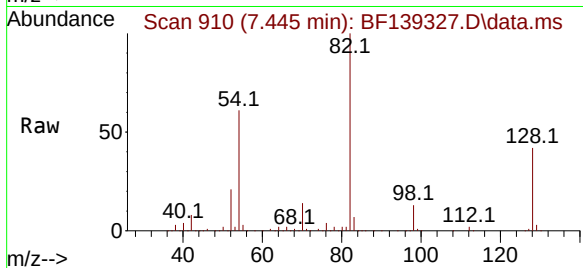




#23
Nitrobenzene-d5
Concen: 84.678 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139327.D
Acq: 11 Sep 2024 15:56

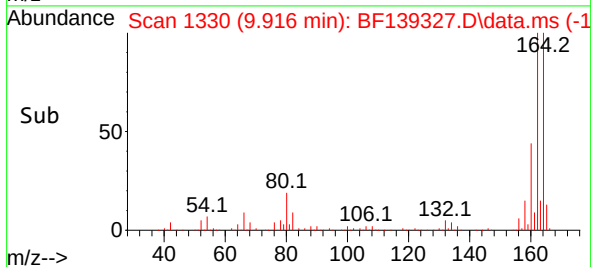
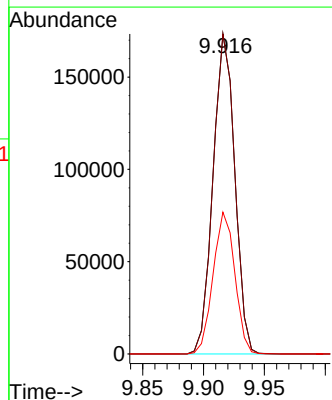
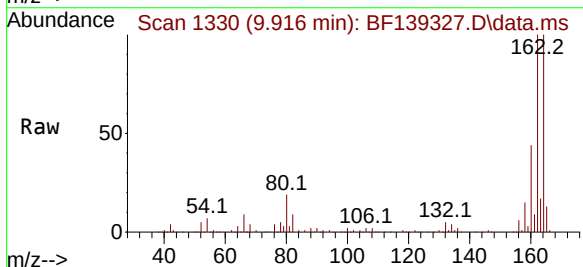
Instrument :
BNA_F
ClientSampleId :
SU-701-COMP-02

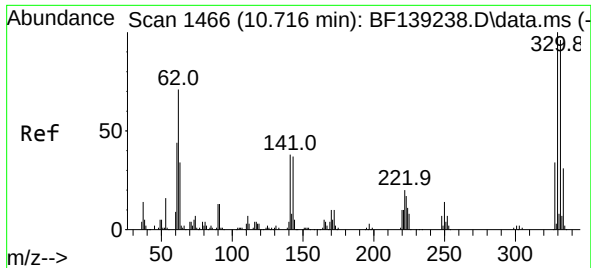
Tgt Ion: 82 Resp: 613066
Ion Ratio Lower Upper
82 100
128 41.5 32.3 48.5
54 61.3 51.2 76.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.012 min
Lab File: BF139327.D
Acq: 11 Sep 2024 15:56

Tgt Ion:164 Resp: 215323
Ion Ratio Lower Upper
164 100
162 100.0 79.2 118.8
160 44.3 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 147.523 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF139327.D

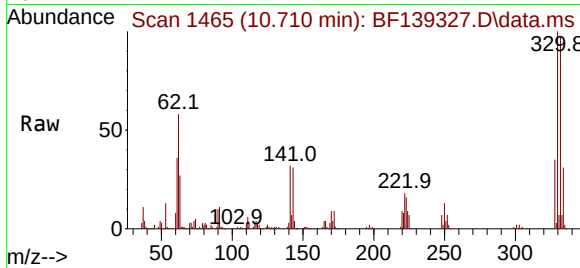
Acq: 11 Sep 2024 15:56

Instrument :

BNA_F

ClientSampleId :

SU-701-COMP-02



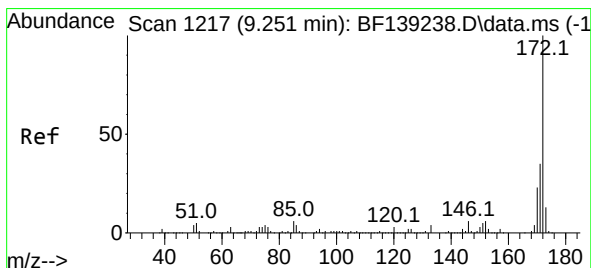
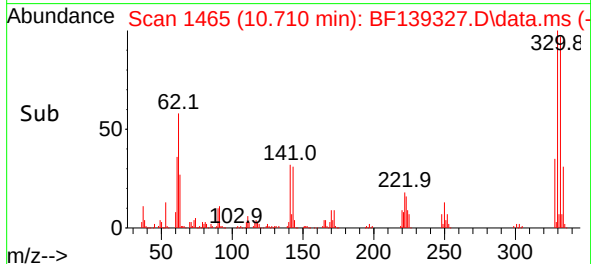
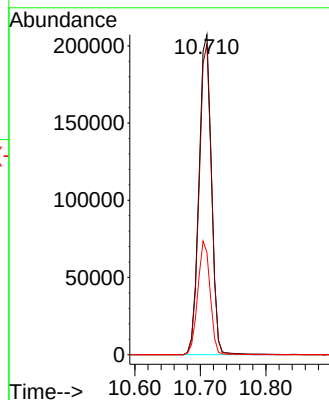
Tgt Ion:330 Resp: 274297

Ion Ratio Lower Upper

330 100

332 96.5 76.6 115.0

141 35.1 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 82.814 ng

RT: 9.239 min Scan# 1215

Delta R.T. -0.012 min

Lab File: BF139327.D

Acq: 11 Sep 2024 15:56

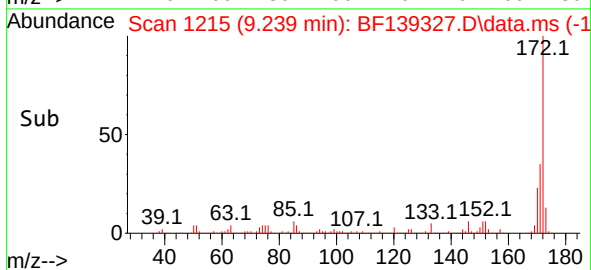
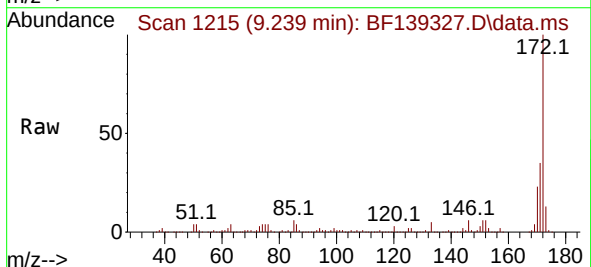
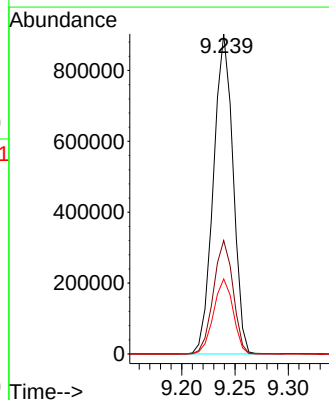
Tgt Ion:172 Resp: 1155180

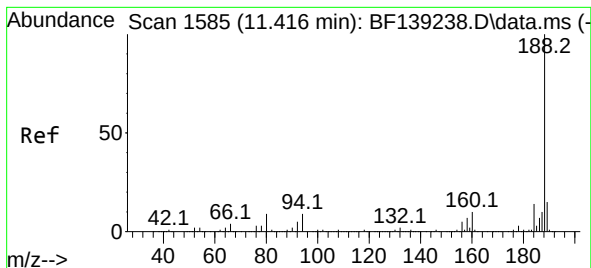
Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.5 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF139327.D

Acq: 11 Sep 2024 15:56

Instrument :

BNA_F

ClientSampleId :

SU-701-COMP-02

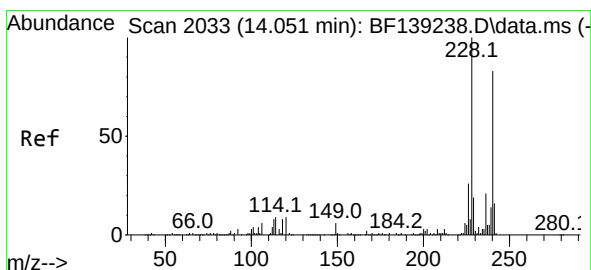
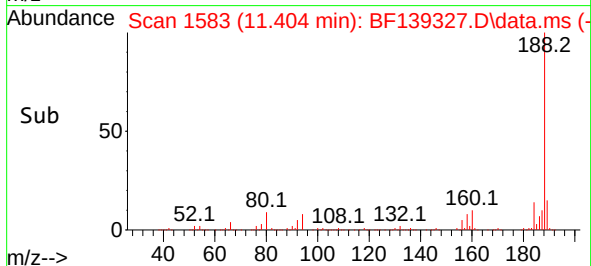
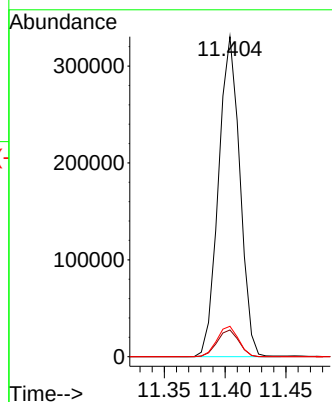
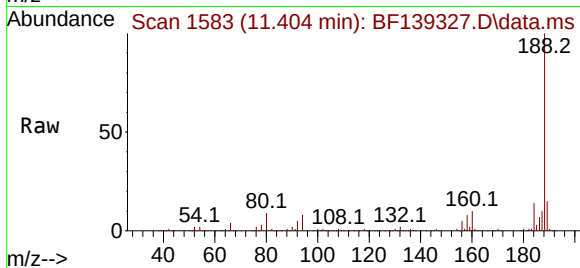
Tgt Ion:188 Resp: 403967

Ion Ratio Lower Upper

188 100

94 8.3 7.0 10.4

80 9.5 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2031

Delta R.T. -0.012 min

Lab File: BF139327.D

Acq: 11 Sep 2024 15:56

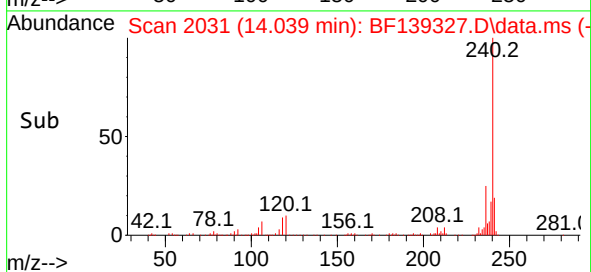
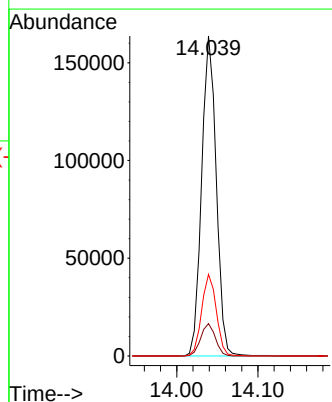
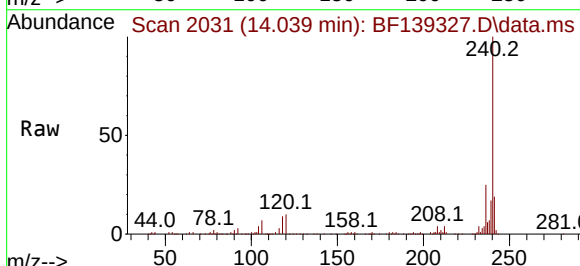
Tgt Ion:240 Resp: 204597

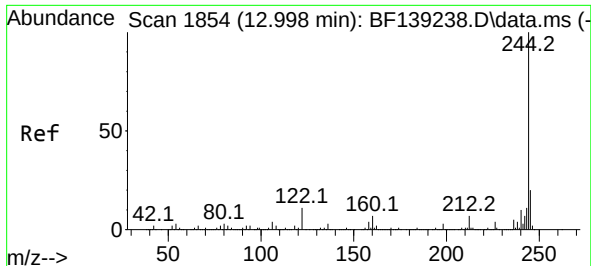
Ion Ratio Lower Upper

240 100

120 10.1 8.6 12.8

236 25.5 20.7 31.1

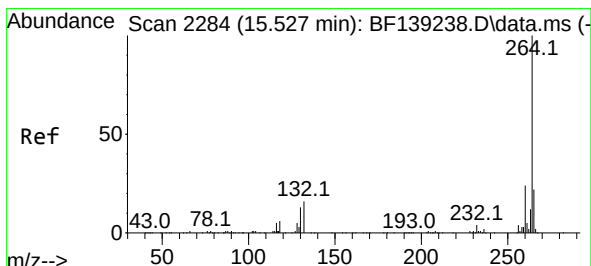
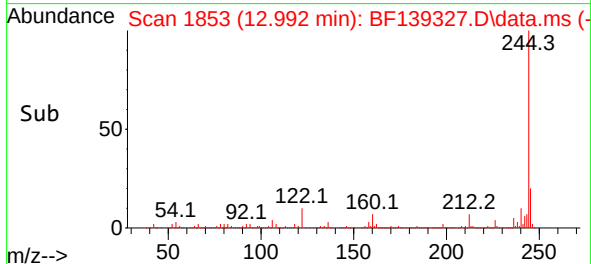
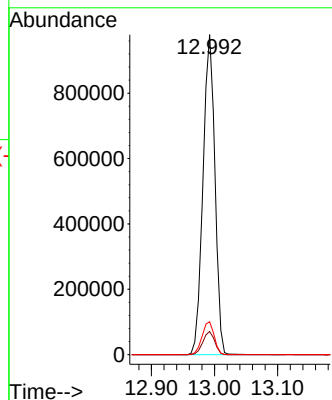
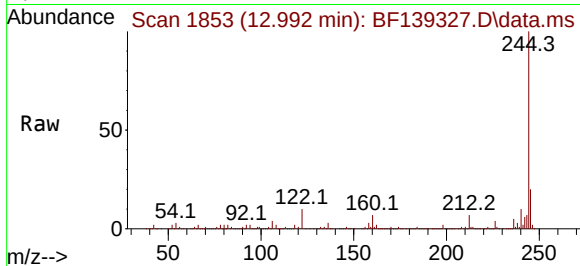




#79
 Terphenyl-d14
 Concen: 101.210 ng
 RT: 12.992 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF139327.D
 Acq: 11 Sep 2024 15:56

Instrument :
 BNA_F
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 SU-701-COMP-02

Tgt Ion:244 Resp: 1282512
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 10.3 8.7 13.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.510 min Scan# 2281
 Delta R.T. -0.018 min
 Lab File: BF139327.D
 Acq: 11 Sep 2024 15:56

Tgt Ion:264 Resp: 148019
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.8 28.2
 265 21.5 17.3 25.9

