

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
 Data File : BF141369.D
 Acq On : 03 Feb 2025 15:00
 Operator : RC/JU
 Sample : Q1239-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 348

Quant Time: Feb 03 15:21:01 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	94453	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	382110	20.000	ng	-0.01
39) Acenaphthene-d10	9.828	164	213568	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	383755	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	318642	20.000	ng	-0.02
86) Perylene-d12	15.410	264	219485	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	888246	144.372	ng	0.02
7) Phenol-d6	6.440	99	1035777	132.338	ng	0.00
23) Nitrobenzene-d5	7.357	82	699844	96.552	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	326938	166.982	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1331802	95.983	ng	-0.01
79) Terphenyl-d14	12.910	244	1642056	79.473	ng	0.00

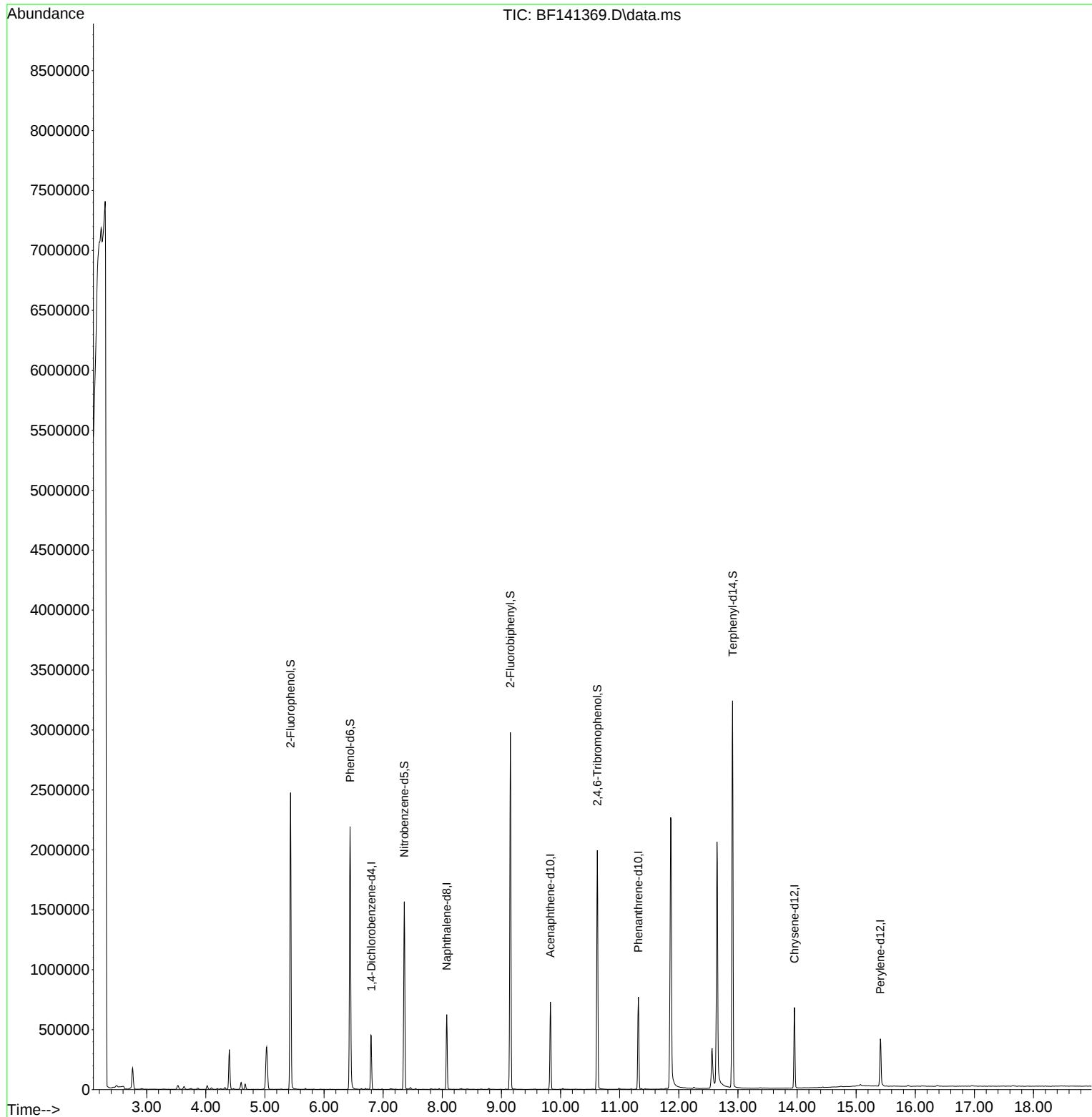
Target Compounds	Qvalue

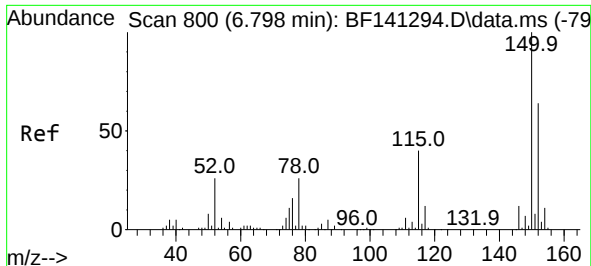
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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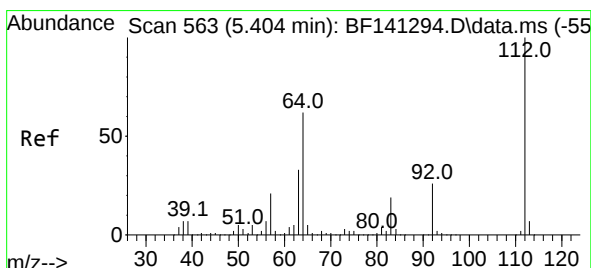
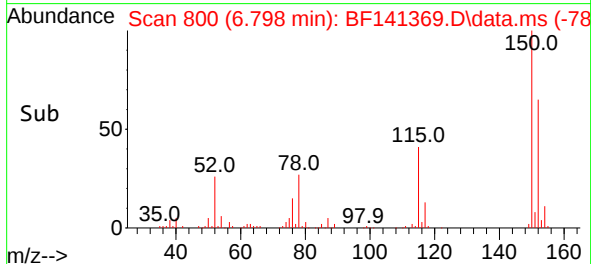
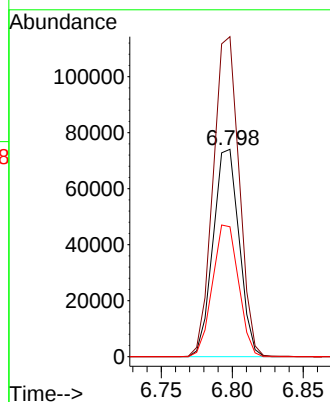
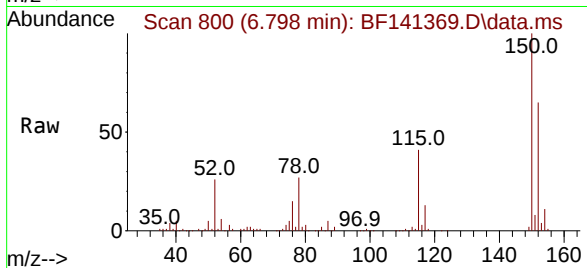




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF141369.D
Acq: 03 Feb 2025 15:00

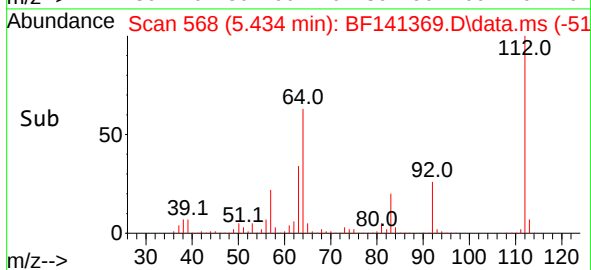
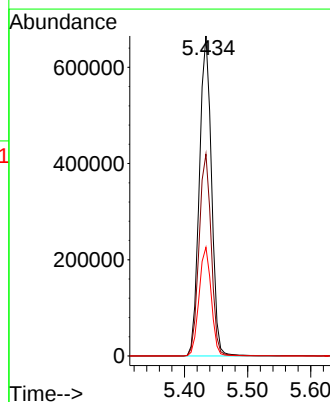
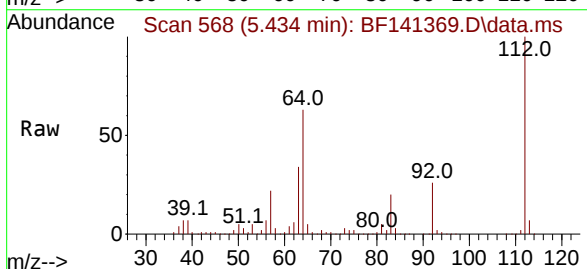
Instrument :
BNA_F
ClientSampleId :
348

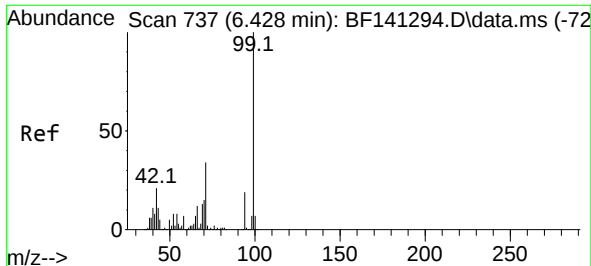
Tgt Ion:152 Resp: 94453
Ion Ratio Lower Upper
152 100
150 154.3 125.9 188.9
115 62.7 49.7 74.5



#5
2-Fluorophenol
Concen: 144.372 ng
RT: 5.434 min Scan# 568
Delta R.T. 0.023 min
Lab File: BF141369.D
Acq: 03 Feb 2025 15:00

Tgt Ion:112 Resp: 888246
Ion Ratio Lower Upper
112 100
64 63.1 49.8 74.8
63 34.0 26.1 39.1





#7
Phenol-d6
Concen: 132.338 ng
RT: 6.440 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF141369.D
Acq: 03 Feb 2025 15:00

Instrument :

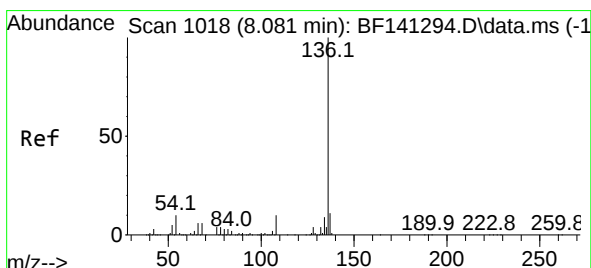
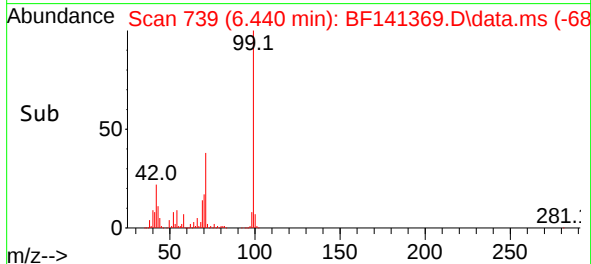
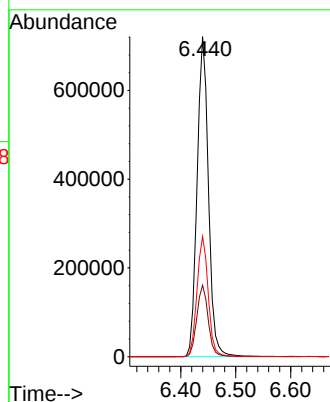
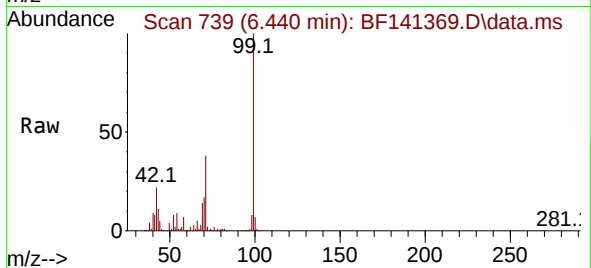
BNA_F

ClientSampleId :

348

Tgt Ion: 99 Resp: 1035777

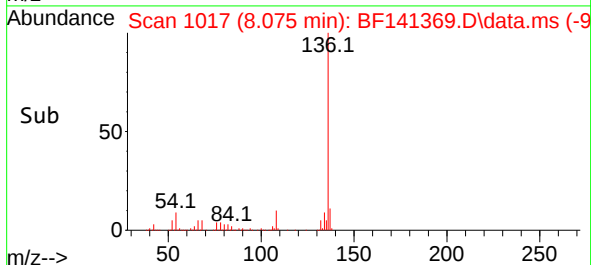
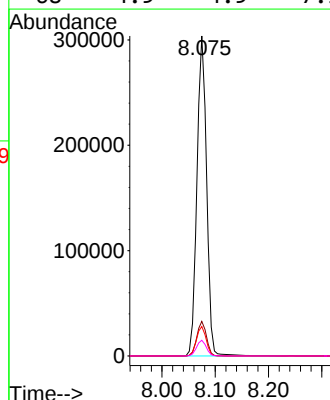
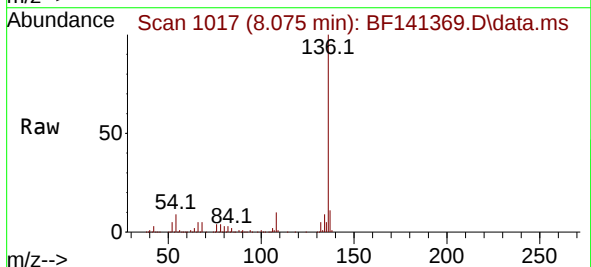
Ion	Ratio	Lower	Upper
99	100		
42	22.3	17.1	25.7
71	37.6	26.9	40.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF141369.D
Acq: 03 Feb 2025 15:00

Tgt Ion: 136 Resp: 382110

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	9.2	7.8	11.8
68	4.9	4.9	7.3





#23

Nitrobenzene-d5

Concen: 96.552 ng

RT: 7.357 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF141369.D

Acq: 03 Feb 2025 15:00

Instrument :

BNA_F

ClientSampleId :

348

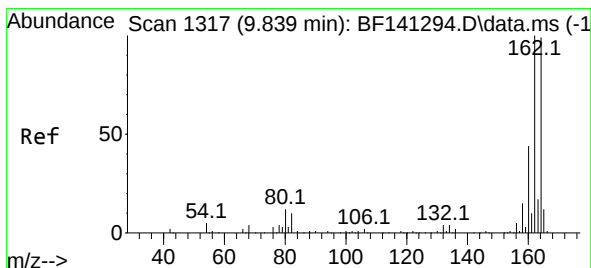
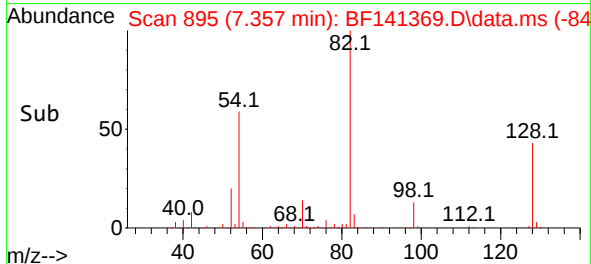
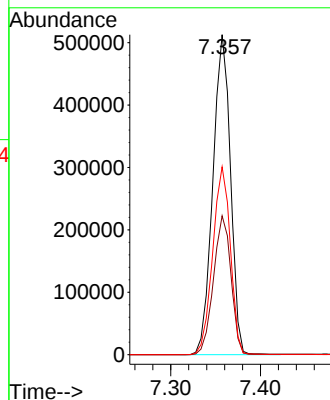
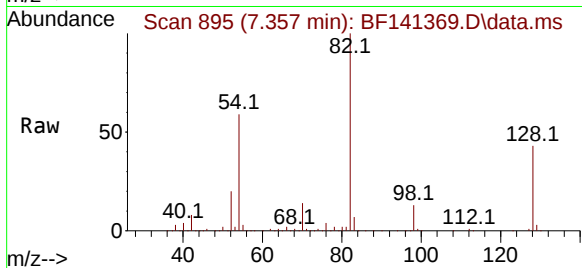
Tgt Ion: 82 Resp: 699844

Ion Ratio Lower Upper

82 100

128 43.4 35.7 53.5

54 58.7 47.1 70.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1315

Delta R.T. -0.012 min

Lab File: BF141369.D

Acq: 03 Feb 2025 15:00

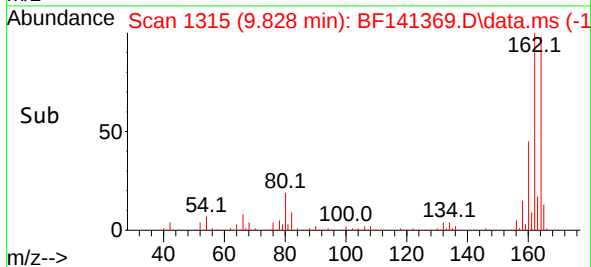
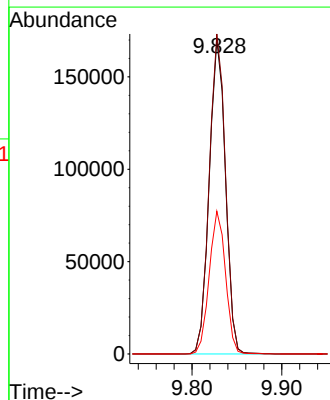
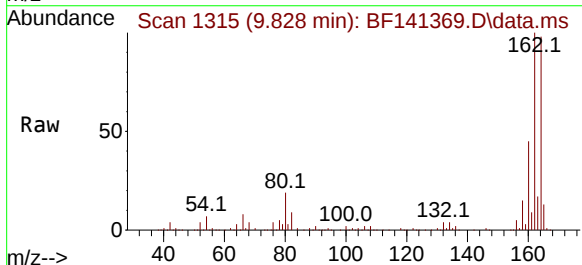
Tgt Ion:164 Resp: 213568

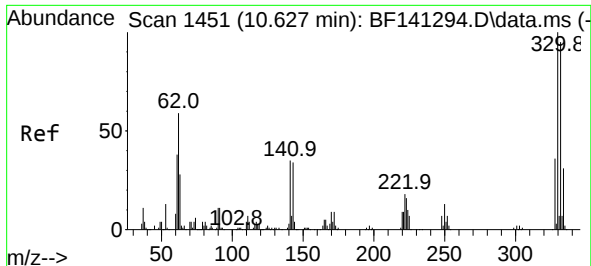
Ion Ratio Lower Upper

164 100

162 101.9 80.6 121.0

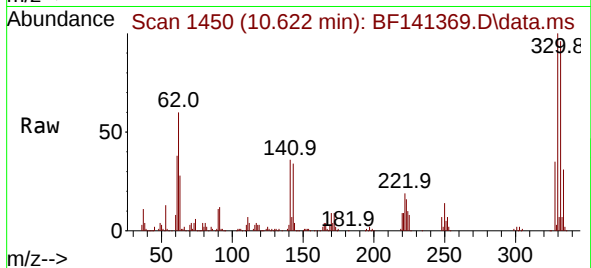
160 45.4 35.8 53.6



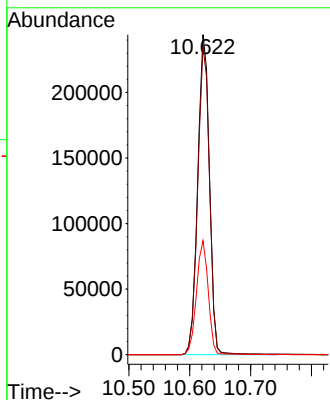
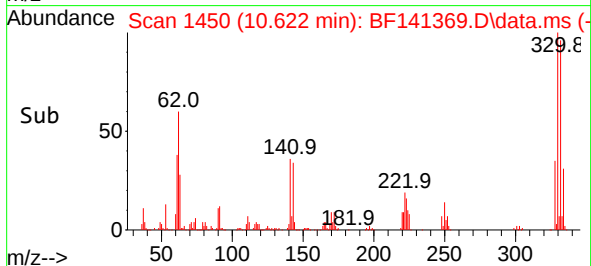


#42
2,4,6-Tribromophenol
Concen: 166.982 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF141369.D
Acq: 03 Feb 2025 15:00

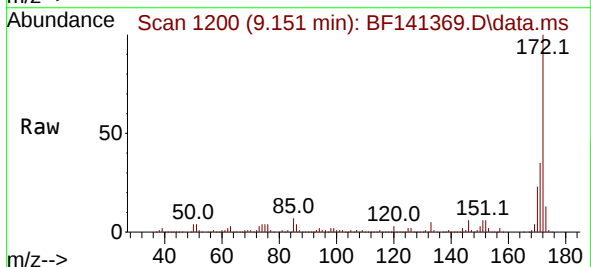
Instrument :
BNA_F
ClientSampleId :
348



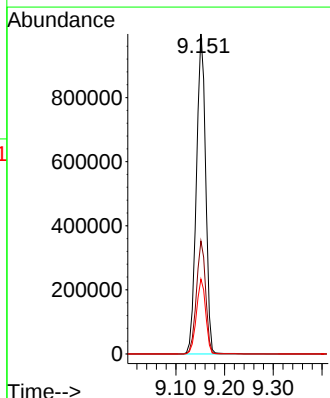
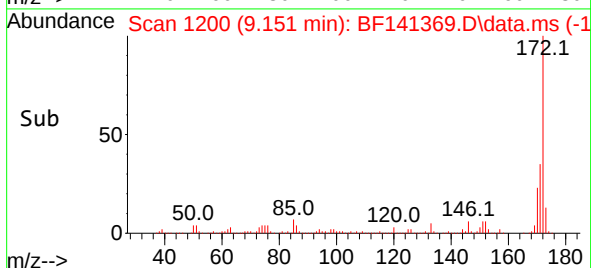
Tgt Ion:330 Resp: 326938
Ion Ratio Lower Upper
330 100
332 96.4 76.1 114.1
141 35.6 28.8 43.2

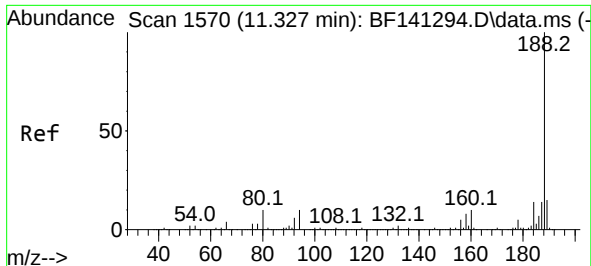


#45
2-Fluorobiphenyl
Concen: 95.983 ng
RT: 9.151 min Scan# 1200
Delta R.T. -0.012 min
Lab File: BF141369.D
Acq: 03 Feb 2025 15:00



Tgt Ion:172 Resp: 1331802
Ion Ratio Lower Upper
172 100
171 35.3 28.8 43.2
170 23.4 19.0 28.6

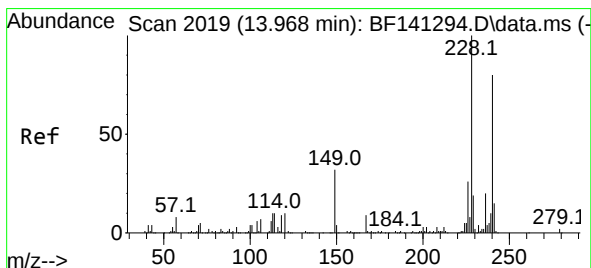
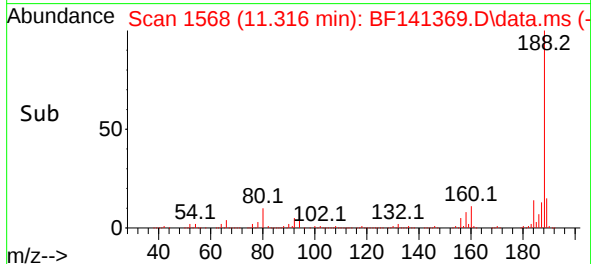
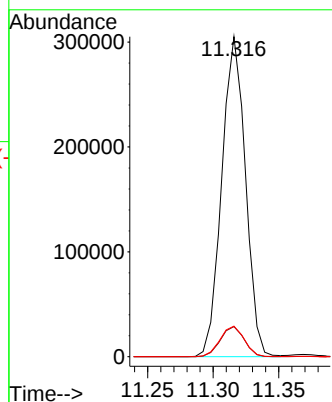
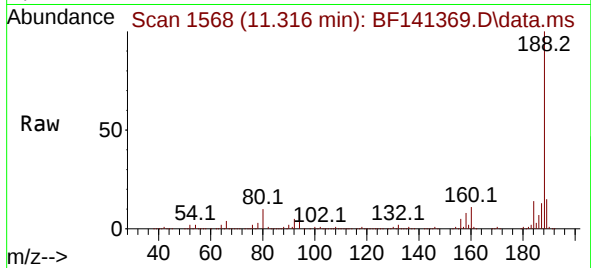




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141369.D
Acq: 03 Feb 2025 15:00

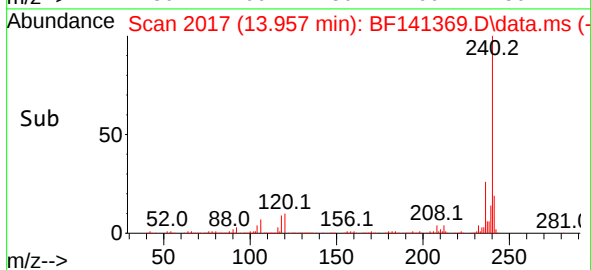
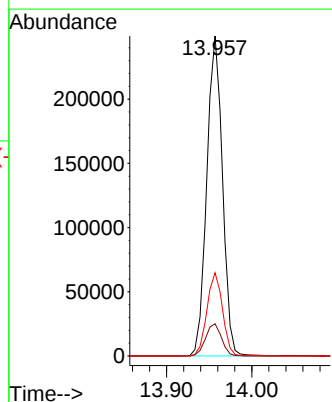
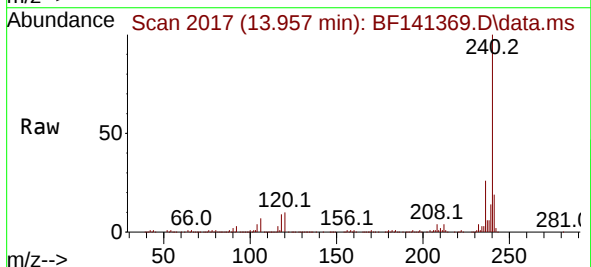
Instrument :
BNA_F
ClientSampleId :
348

Tgt Ion:188 Resp: 383755
Ion Ratio Lower Upper
188 100
94 9.4 7.8 11.6
80 9.5 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.018 min
Lab File: BF141369.D
Acq: 03 Feb 2025 15:00

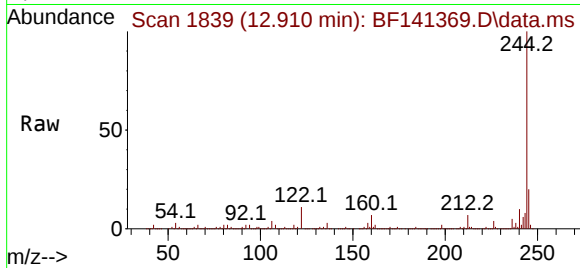
Tgt Ion:240 Resp: 318642
Ion Ratio Lower Upper
240 100
120 10.1 10.0 15.0
236 26.0 19.7 29.5



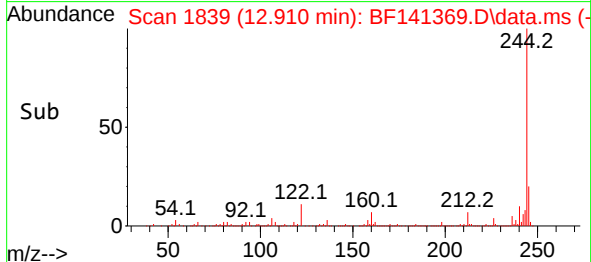
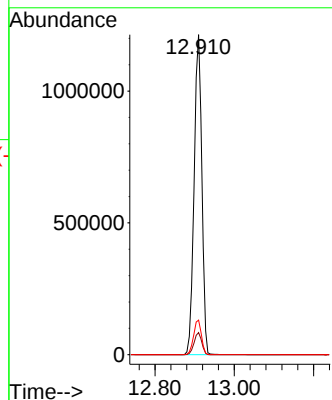


#79
 Terphenyl-d14
 Concen: 79.473 ng
 RT: 12.910 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF141369.D
 Acq: 03 Feb 2025 15:00

Instrument :
 BNA_F
 ClientSampleId :
 348



Tgt Ion:244 Resp: 1642056
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 10.8 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2264
 Delta R.T. -0.029 min
 Lab File: BF141369.D
 Acq: 03 Feb 2025 15:00

Tgt Ion:264 Resp: 219485
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.6 27.8
 265 21.4 16.7 25.1

