

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082423\
 Data File : BF134916.D
 Acq On : 24 Aug 2023 10:28
 Operator : CG\JU
 Sample : PB154990BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154990BL

Quant Time: Aug 25 01:16:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 22 19:33:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	132434	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	537246	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	274431	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	509614	20.000	ng	0.00
76) Chrysene-d12	13.980	240	247958	20.000	ng	0.00
86) Perylene-d12	15.457	264	282904	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1064669	128.198	ng	0.02
7) Phenol-d6	6.440	99	1319198	124.311	ng	0.00
23) Nitrobenzene-d5	7.357	82	848029	86.980	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	404367	125.109	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1516766	85.441	ng	0.00
79) Terphenyl-d14	12.927	244	1565971	86.863	ng	0.00

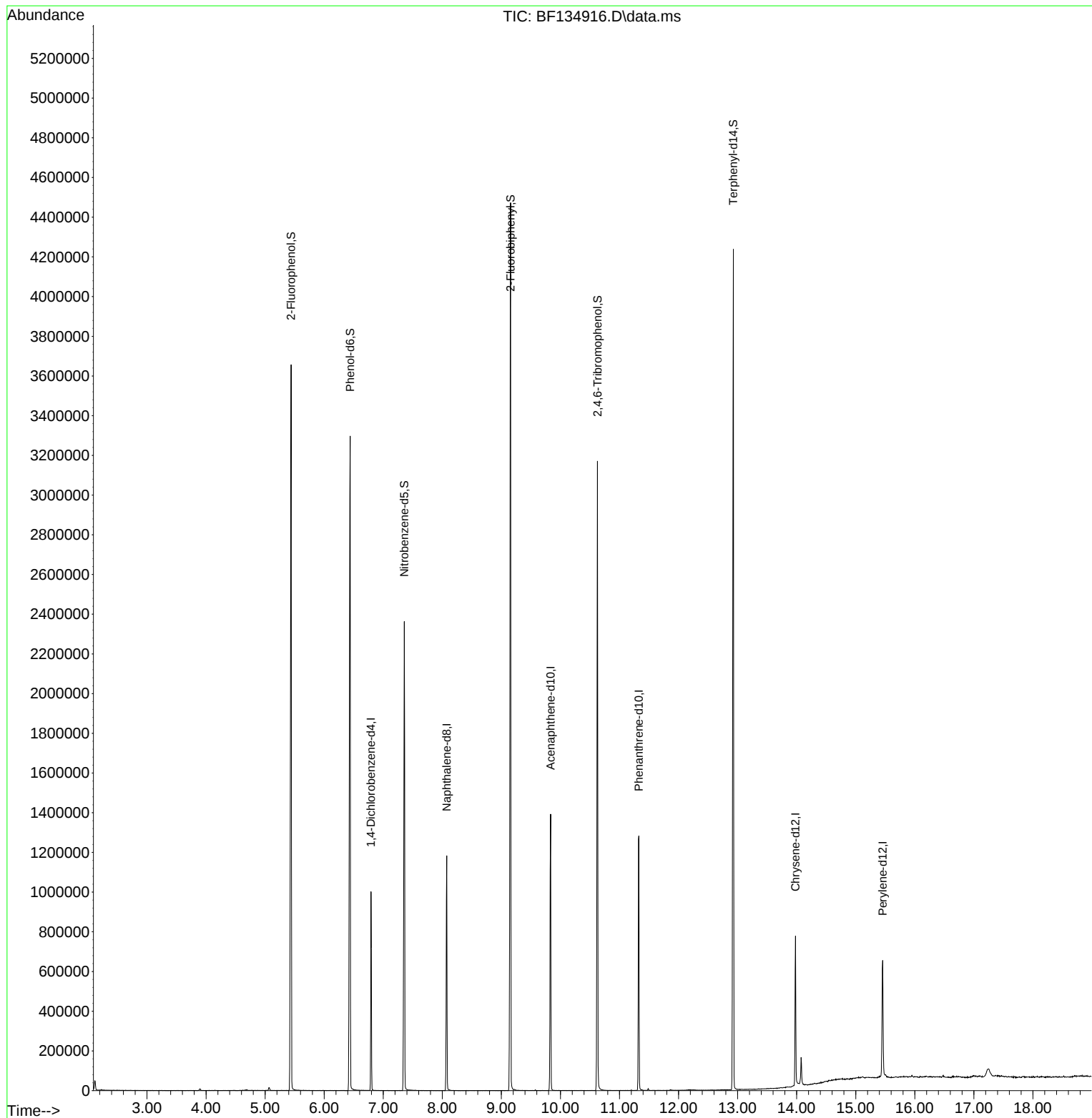
Target Compounds	Qvalue

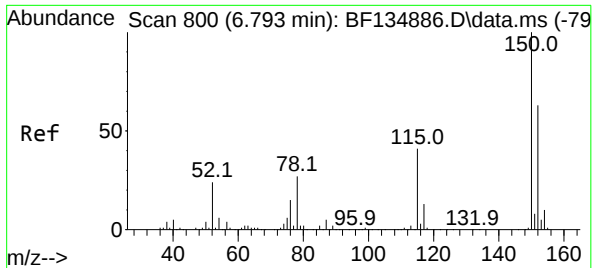
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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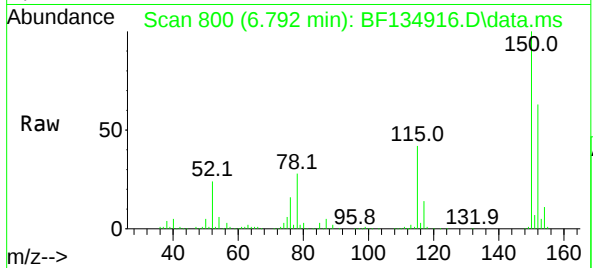
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
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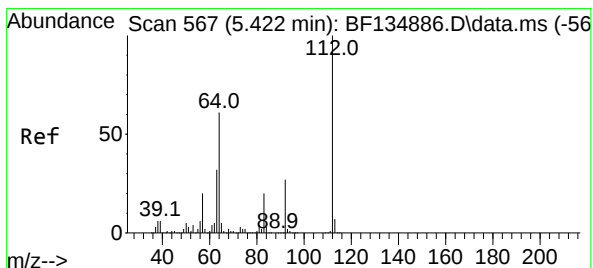
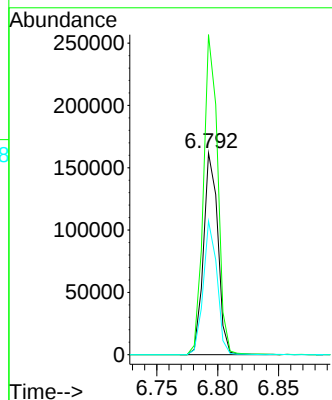
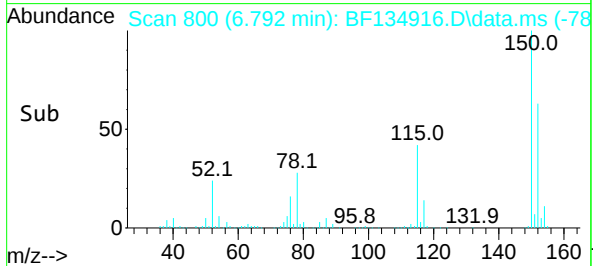


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 80
Delta R.T. -0.001 min
Lab File: BF134916.D
Acq: 24 Aug 2023 10:28

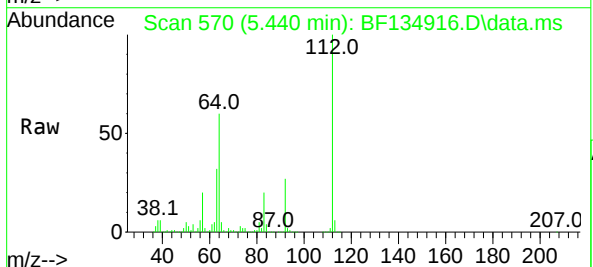
Instrument :
BNA_F
ClientSampleId :
PB154990BL



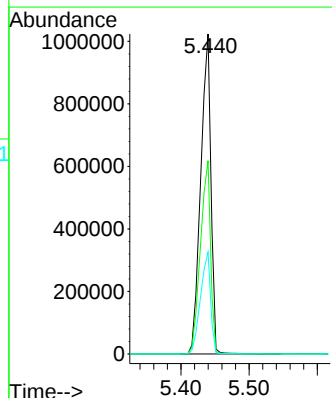
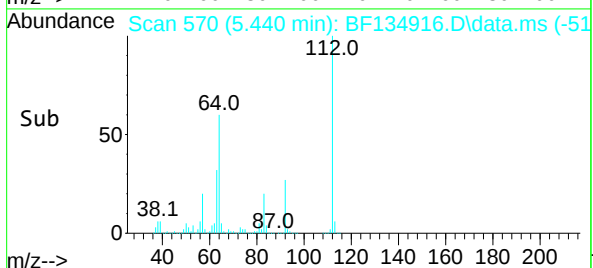
Tgt Ion:152 Resp: 132434
Ion Ratio Lower Upper
152 100
150 158.8 126.1 189.1
115 66.3 51.1 76.7



#5
2-Fluorophenol
Concen: 128.198 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.018 min
Lab File: BF134916.D
Acq: 24 Aug 2023 10:28



Tgt Ion:112 Resp: 1064669
Ion Ratio Lower Upper
112 100
64 60.4 48.6 73.0
63 31.9 25.7 38.5

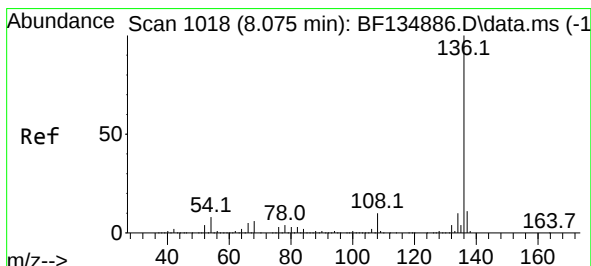
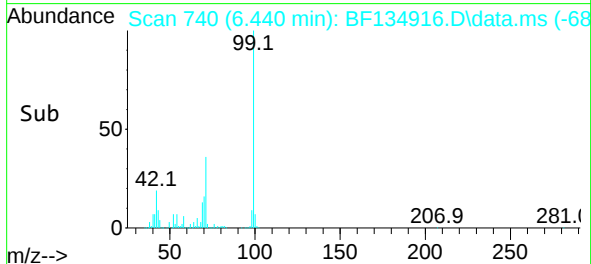
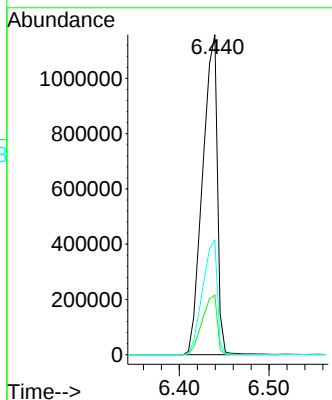
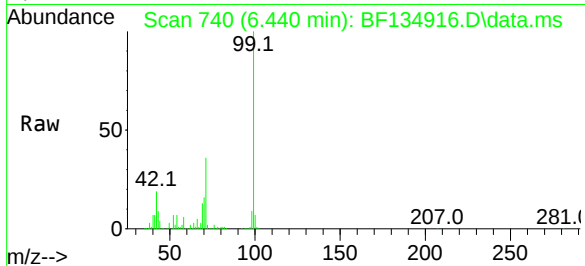




#7
Phenol-d6
Concen: 124.311 ng
RT: 6.440 min Scan# 740
Delta R.T. -0.000 min
Lab File: BF134916.D
Acq: 24 Aug 2023 10:28

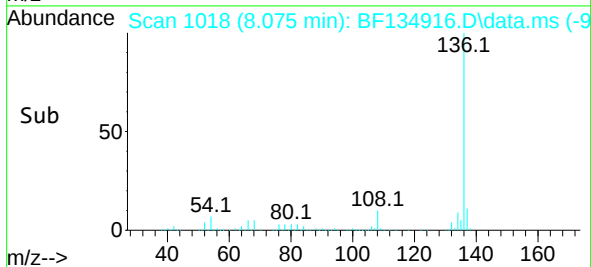
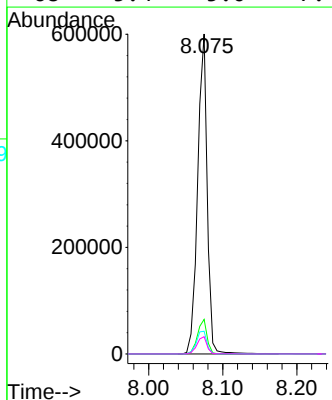
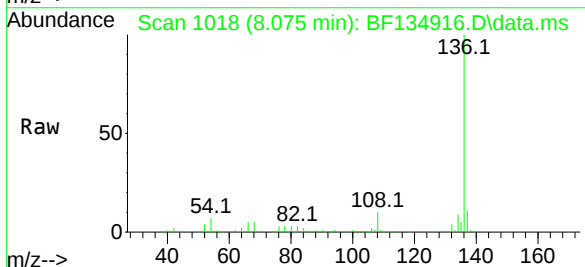
Instrument :
BNA_F
ClientSampleId :
PB154990BL

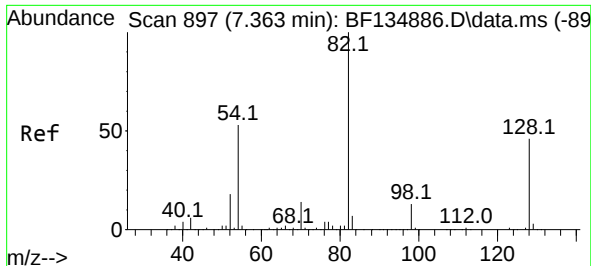
Tgt Ion: 99 Resp: 1319198
Ion Ratio Lower Upper
99 100
42 18.6 14.6 22.0
71 35.7 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.000 min
Lab File: BF134916.D
Acq: 24 Aug 2023 10:28

Tgt Ion: 136 Resp: 537246
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.1 6.6 9.8
68 5.4 5.0 7.4

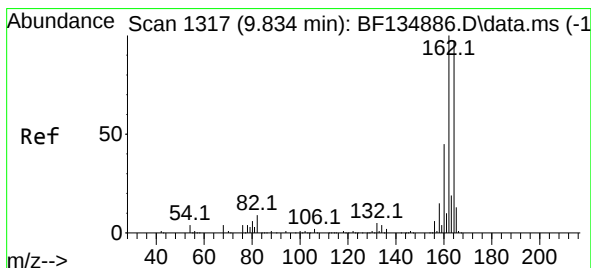
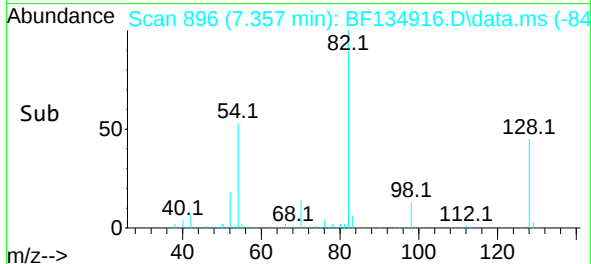
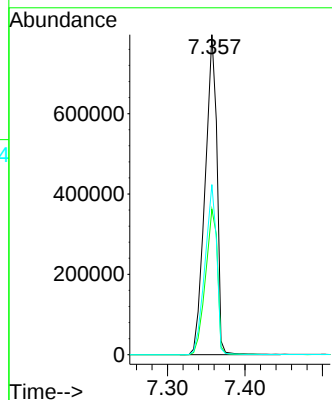
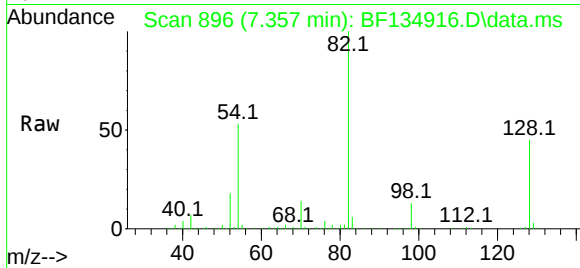




#23
Nitrobenzene-d5
Concen: 86.980 ng
RT: 7.357 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF134916.D
Acq: 24 Aug 2023 10:28

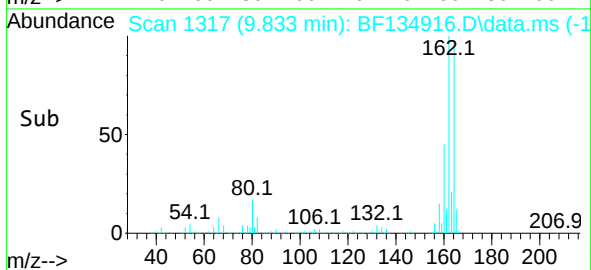
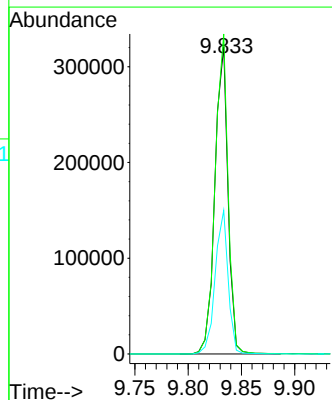
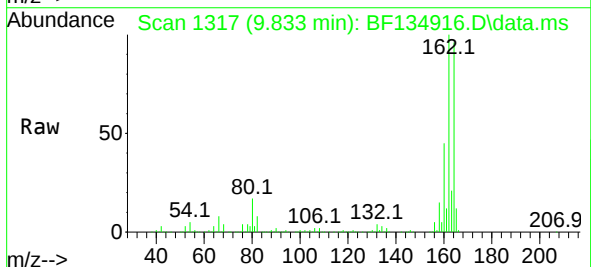
Instrument :
BNA_F
ClientSampleId :
PB154990BL

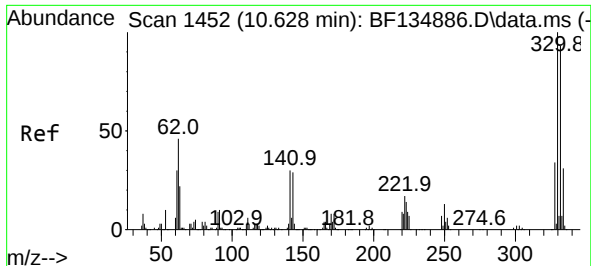
Tgt Ion: 82 Resp: 848029
Ion Ratio Lower Upper
82 100
128 45.4 36.6 54.8
54 53.1 42.6 63.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.000 min
Lab File: BF134916.D
Acq: 24 Aug 2023 10:28

Tgt Ion:164 Resp: 274431
Ion Ratio Lower Upper
164 100
162 104.1 82.6 123.8
160 46.7 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 125.109 ng

RT: 10.628 min Scan# 1452

Delta R.T. -0.000 min

Lab File: BF134916.D

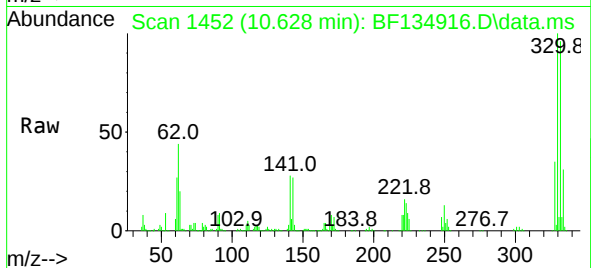
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Instrument :

BNA_F

ClientSampleId :

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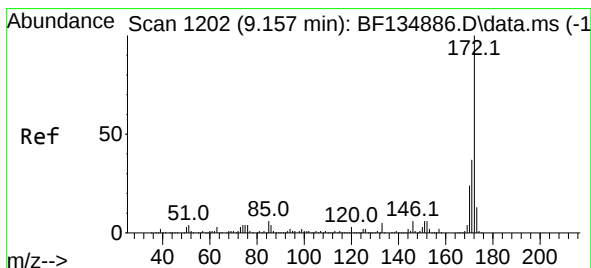
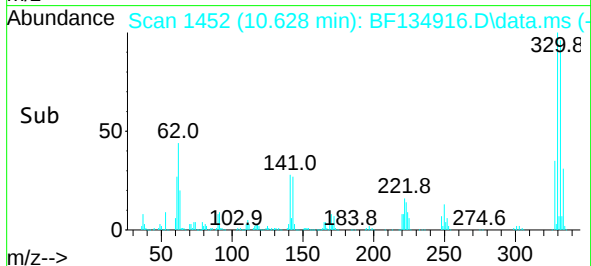
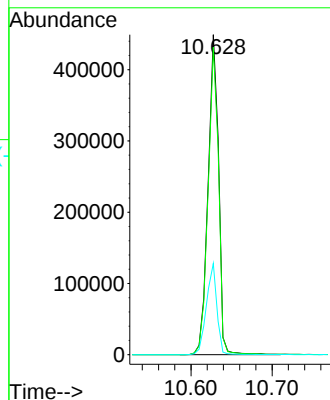
Tgt Ion:330 Resp: 404367

Ion Ratio Lower Upper

330 100

332 95.6 76.3 114.5

141 28.4 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 85.441 ng

RT: 9.157 min Scan# 1202

Delta R.T. 0.000 min

Lab File: BF134916.D

Acq: 24 Aug 2023 10:28

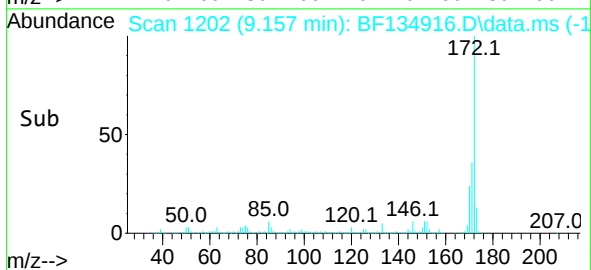
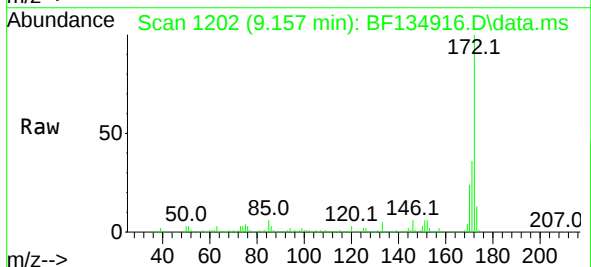
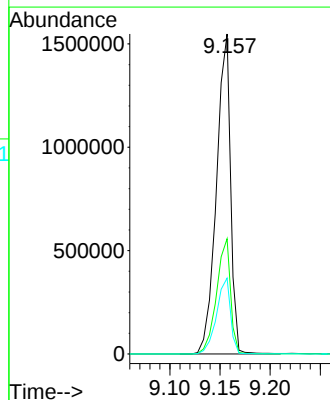
Tgt Ion:172 Resp: 1516766

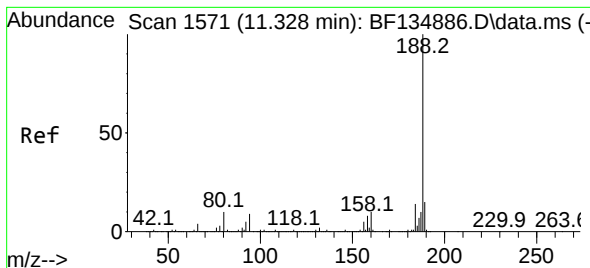
Ion Ratio Lower Upper

172 100

171 36.0 29.4 44.0

170 23.7 19.6 29.4

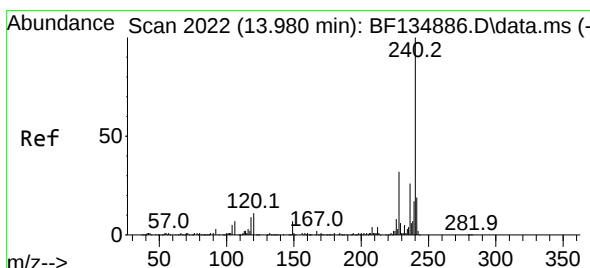
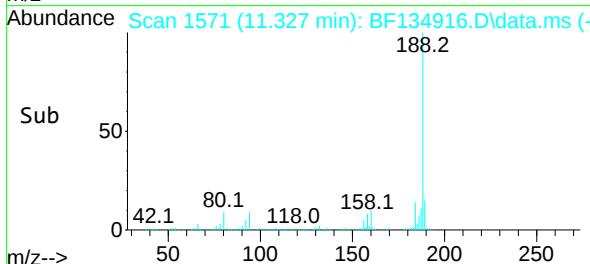
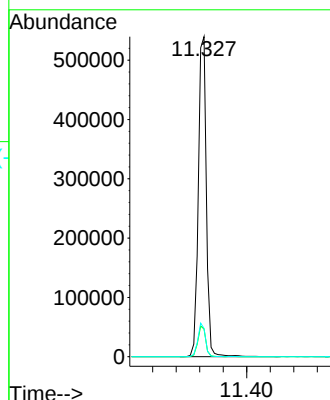
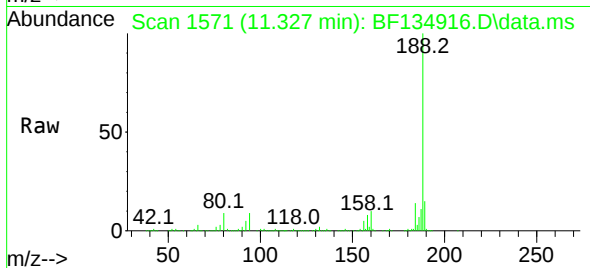




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF134916.D
Acq: 24 Aug 2023 10:28

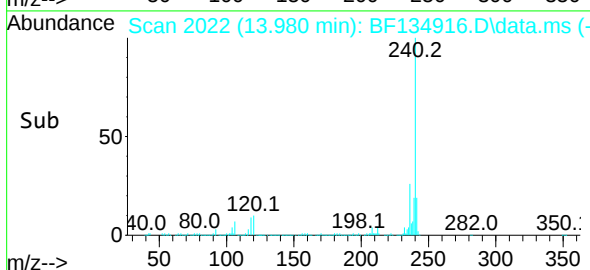
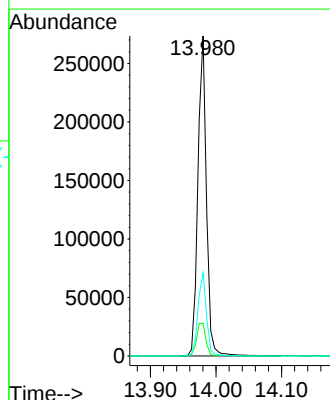
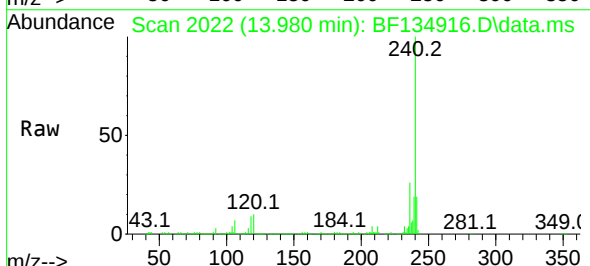
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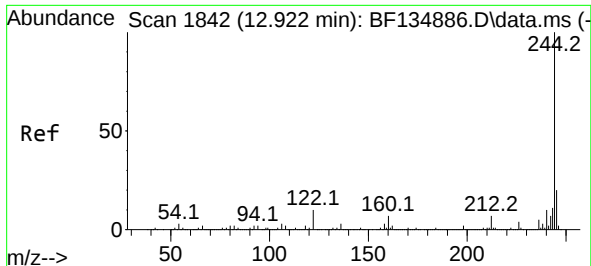
Tgt Ion:188 Resp: 509614
Ion Ratio Lower Upper
188 100
94 8.7 7.5 11.3
80 8.8 7.8 11.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF134916.D
Acq: 24 Aug 2023 10:28

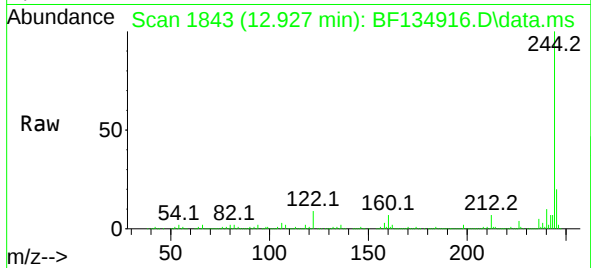
Tgt Ion:240 Resp: 247958
Ion Ratio Lower Upper
240 100
120 10.3 8.6 12.8
236 26.0 20.6 31.0



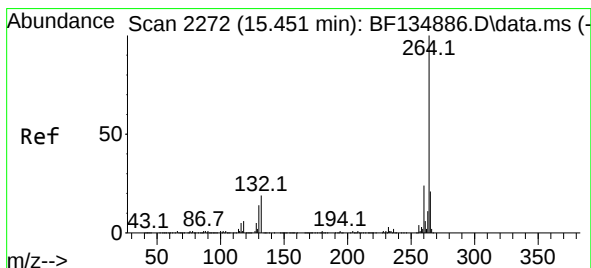
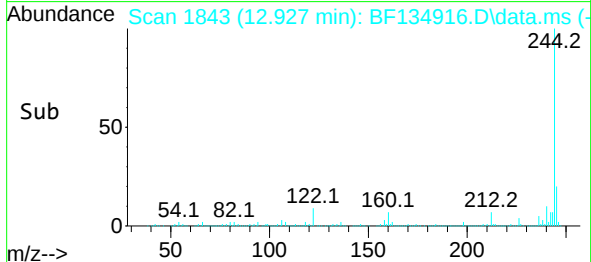
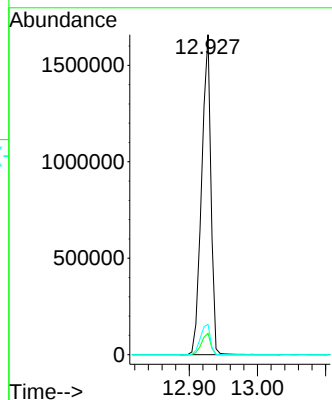


#79
 Terphenyl-d14
 Concen: 86.863 ng
 RT: 12.927 min Scan# 1842
 Delta R.T. 0.005 min
 Lab File: BF134916.D
 Acq: 24 Aug 2023 10:28

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 1565971
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 9.5 8.2 12.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2273
 Delta R.T. 0.006 min
 Lab File: BF134916.D
 Acq: 24 Aug 2023 10:28

Tgt Ion:264 Resp: 282904
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.6
 265 21.2 17.1 25.7

