

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010324\
 Data File : BF136900.D
 Acq On : 03 Jan 2024 10:46
 Operator : CG\JU
 Sample : PB157973BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157973BL

Quant Time: Jan 03 11:12:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	89988	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	357801	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	192717	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	395976	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	273619	20.000	ng	0.00
86) Perylene-d12	15.445	264	219974	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	831725	144.211	ng	0.01
7) Phenol-d6	6.434	99	1078546	144.322	ng	0.00
23) Nitrobenzene-d5	7.345	82	675125	96.553	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	318165	140.181	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	1298165	90.600	ng	-0.01
79) Terphenyl-d14	12.910	244	1646348	84.085	ng	0.00

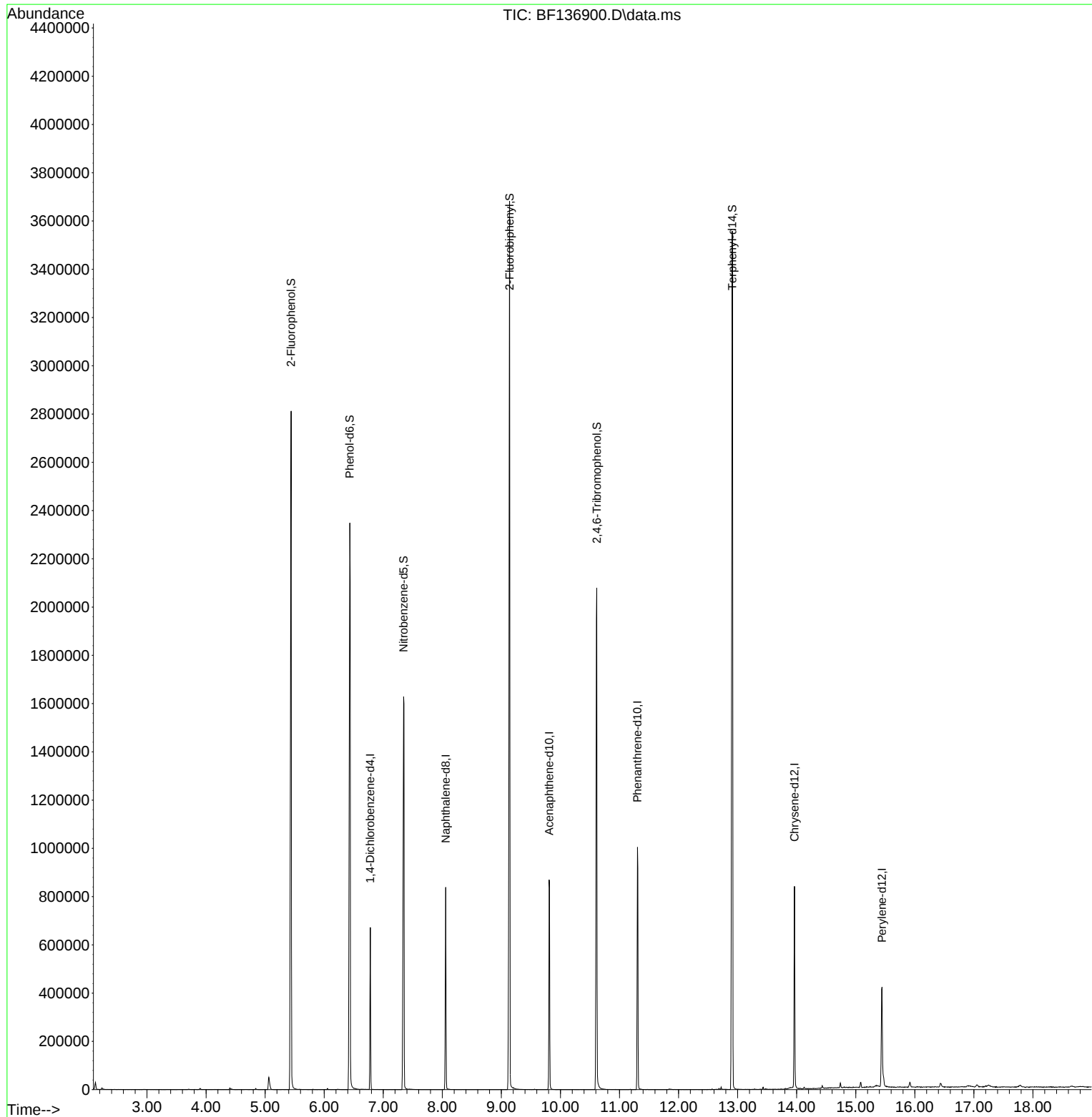
Target Compounds	Qvalue

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

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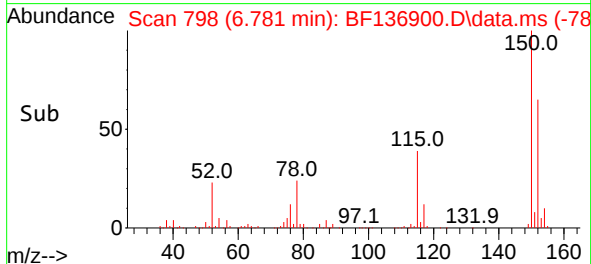
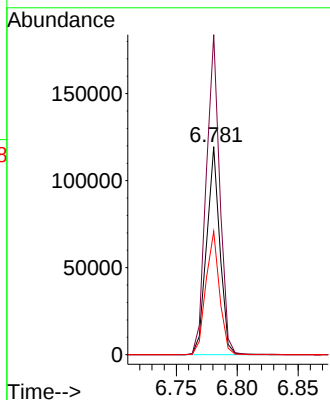
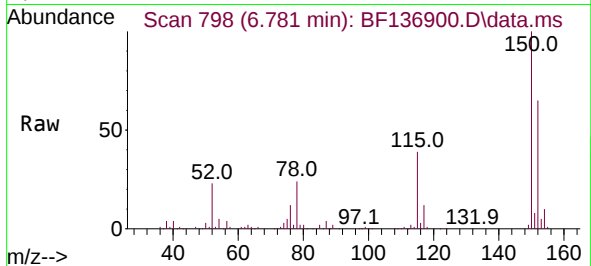




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136900.D
Acq: 03 Jan 2024 10:46

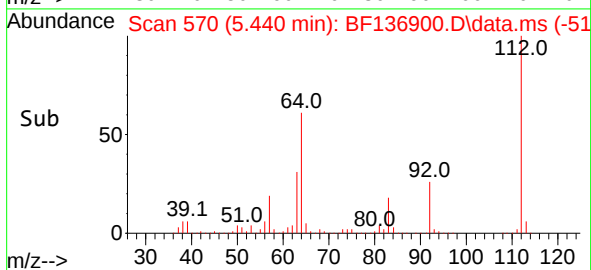
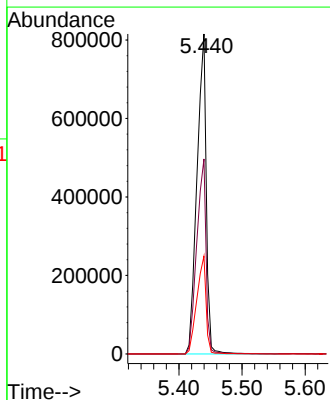
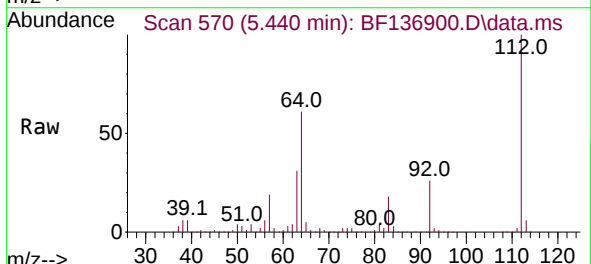
Instrument :
BNA_F
ClientSampleId :
PB157973BL

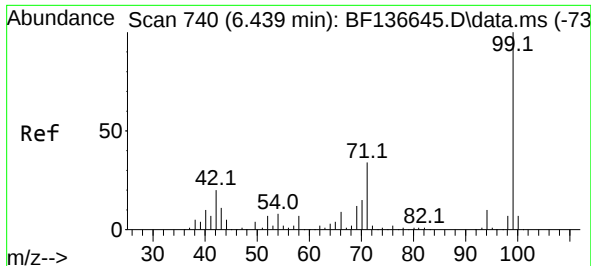
Tgt Ion:152 Resp: 89988
Ion Ratio Lower Upper
152 100
150 153.9 127.0 190.6
115 59.3 49.0 73.4



#5
2-Fluorophenol
Concen: 144.211 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.012 min
Lab File: BF136900.D
Acq: 03 Jan 2024 10:46

Tgt Ion:112 Resp: 831725
Ion Ratio Lower Upper
112 100
64 61.0 51.1 76.7
63 30.5 26.1 39.1



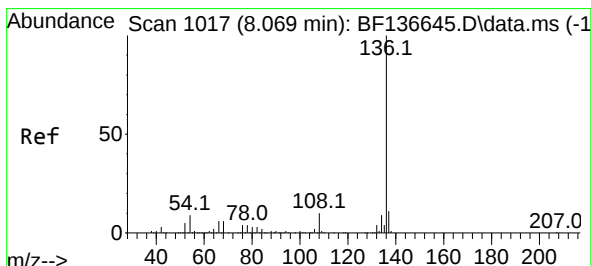
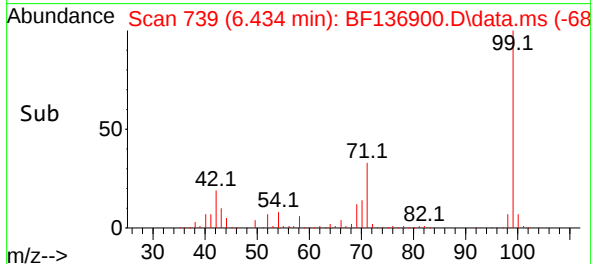
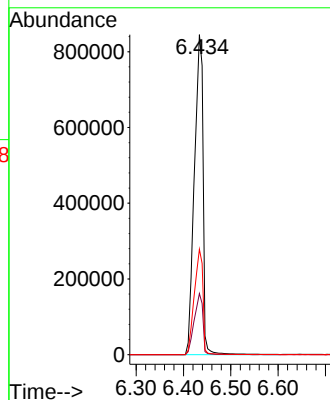
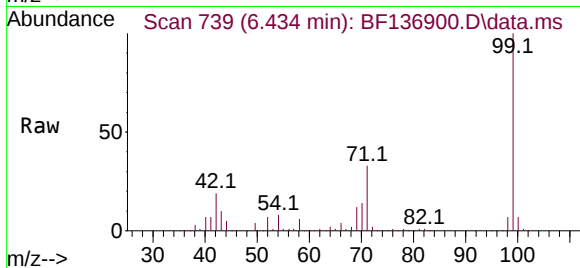


#7
Phenol-d6
Concen: 144.322 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136900.D
Acq: 03 Jan 2024 10:46

Instrument :
BNA_F
ClientSampleId :
PB157973BL

Tgt Ion: 99 Resp: 1078546

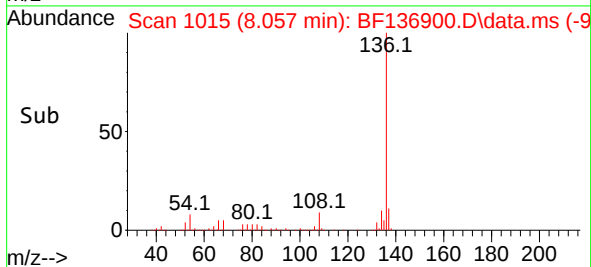
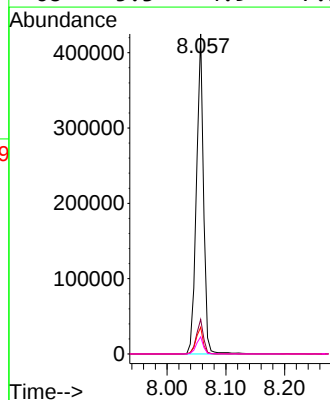
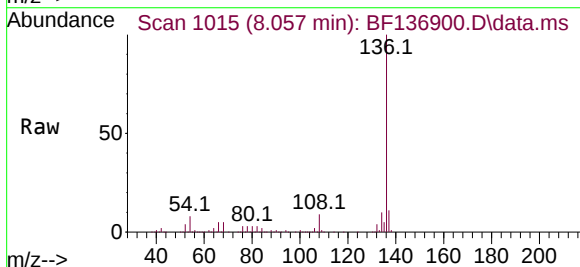
Ion	Ratio	Lower	Upper
99	100		
42	19.1	16.1	24.1
71	32.9	27.4	41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136900.D
Acq: 03 Jan 2024 10:46

Tgt Ion: 136 Resp: 357801

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	8.4	7.2	10.8
68	5.3	4.9	7.3





#23

Nitrobenzene-d5

Concen: 96.553 ng

RT: 7.345 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF136900.D

Acq: 03 Jan 2024 10:46

Instrument :

BNA_F

ClientSampleId :

PB157973BL

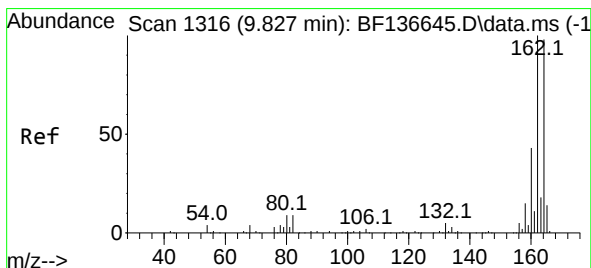
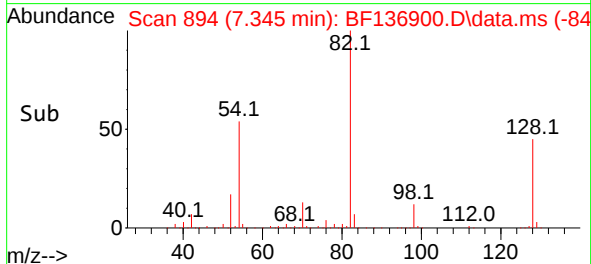
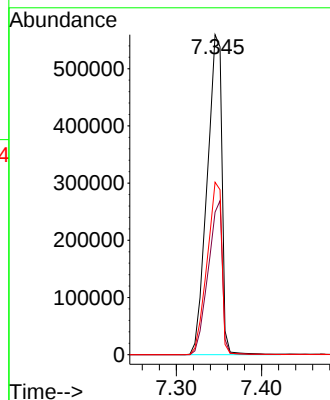
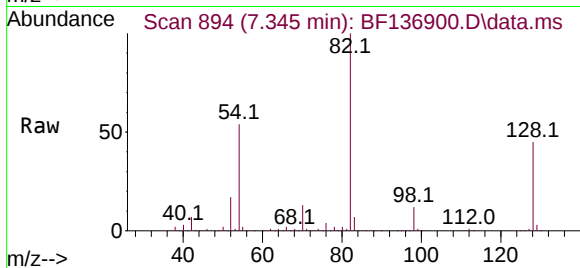
Tgt Ion: 82 Resp: 675125

Ion Ratio Lower Upper

82 100

128 44.6 35.3 52.9

54 53.9 44.5 66.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.810 min Scan# 1313

Delta R.T. -0.018 min

Lab File: BF136900.D

Acq: 03 Jan 2024 10:46

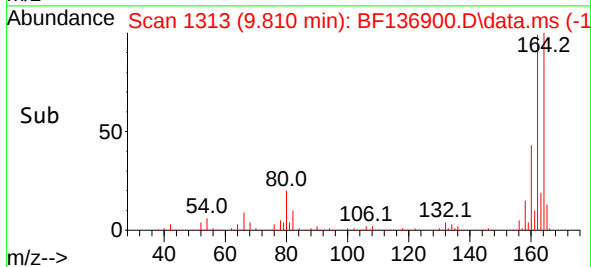
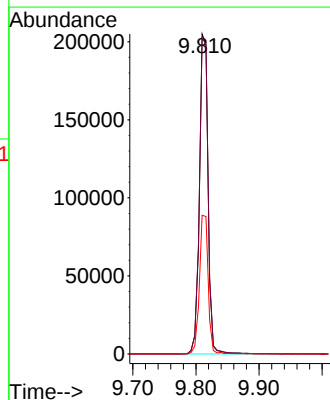
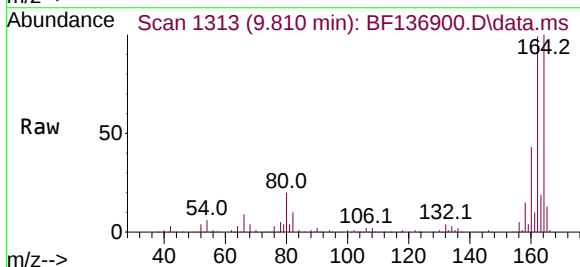
Tgt Ion:164 Resp: 192717

Ion Ratio Lower Upper

164 100

162 98.7 81.6 122.4

160 43.3 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 140.181 ng

RT: 10.616 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF136900.D

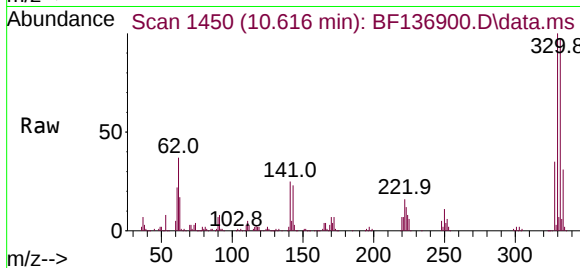
Acq: 03 Jan 2024 10:46

Instrument :

BNA_F

ClientSampleId :

PB157973BL



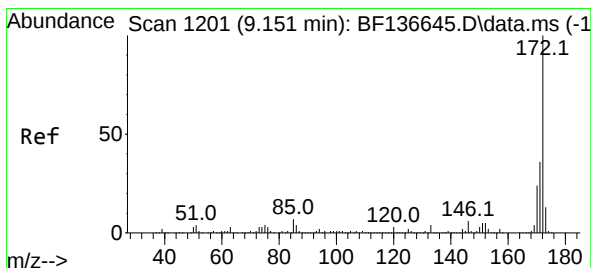
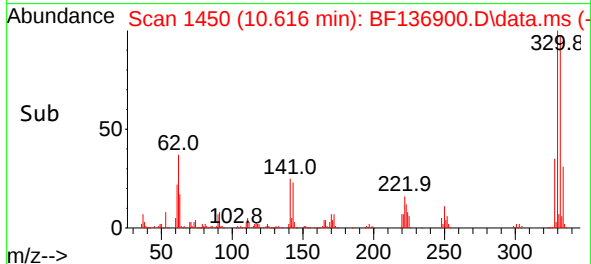
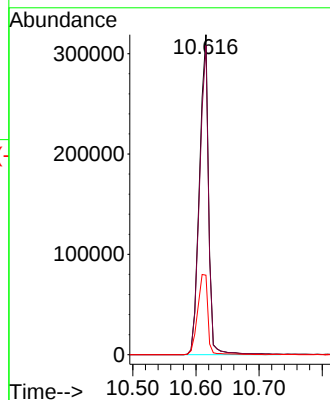
Tgt Ion:330 Resp: 318165

Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.0

141 28.2 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 90.600 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136900.D

Acq: 03 Jan 2024 10:46

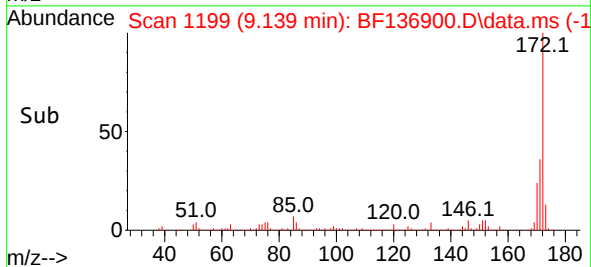
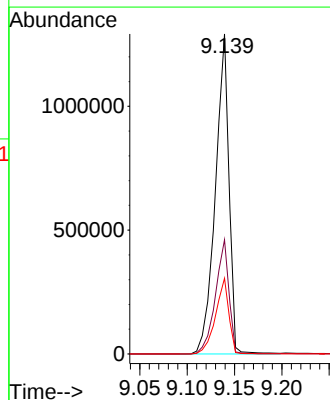
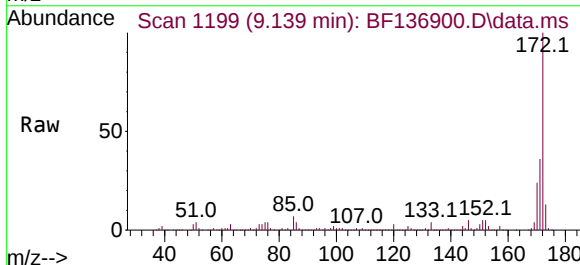
Tgt Ion:172 Resp: 1298165

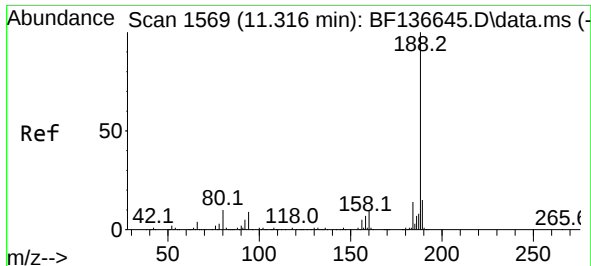
Ion Ratio Lower Upper

172 100

171 35.7 29.0 43.6

170 23.7 19.0 28.4

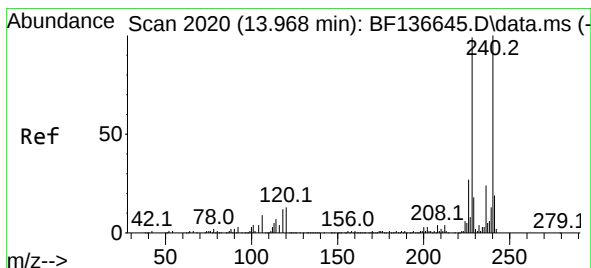
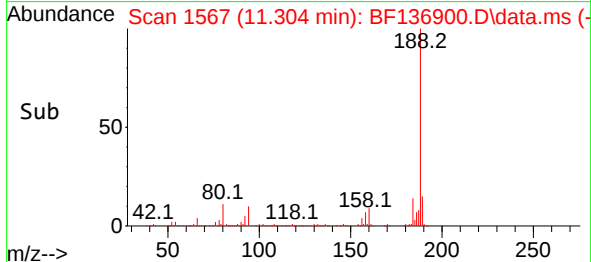
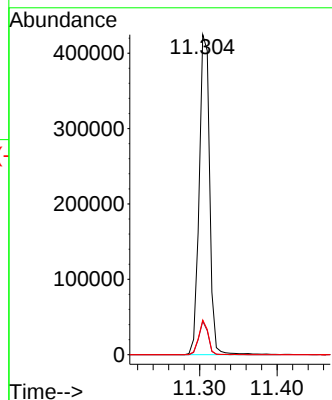
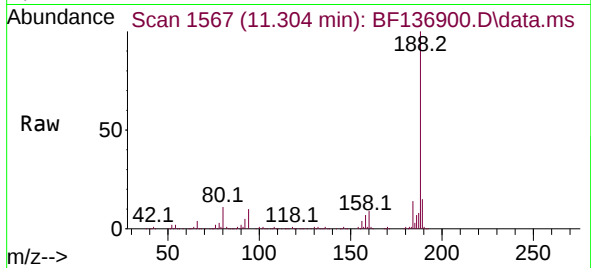




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136900.D
Acq: 03 Jan 2024 10:46

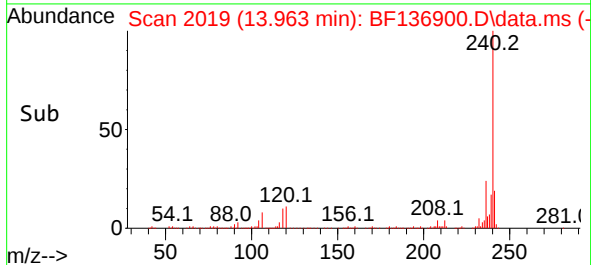
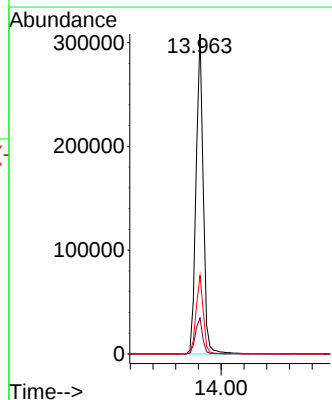
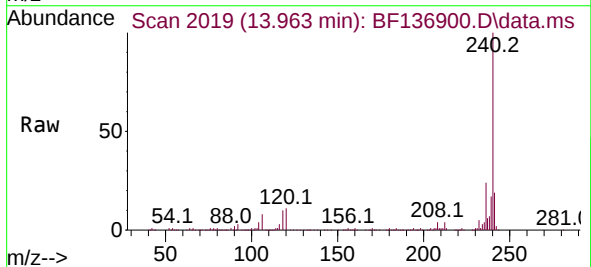
Instrument :
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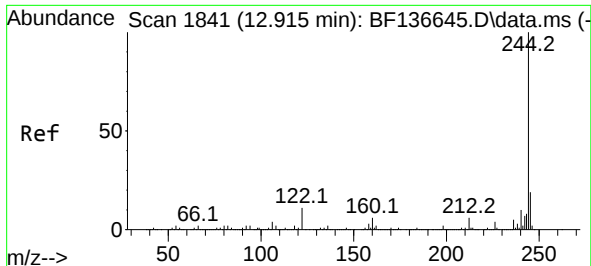
Tgt Ion:188 Resp: 395976
Ion Ratio Lower Upper
188 100
94 10.5 7.5 11.3
80 10.8 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136900.D
Acq: 03 Jan 2024 10:46

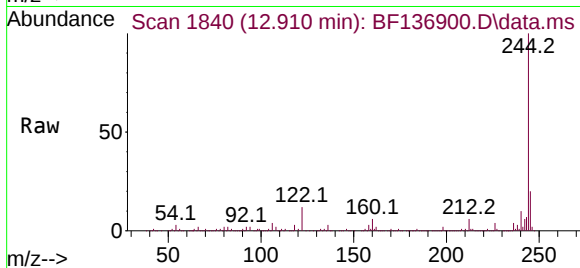
Tgt Ion:240 Resp: 273619
Ion Ratio Lower Upper
240 100
120 11.3 10.3 15.5
236 24.5 19.4 29.2





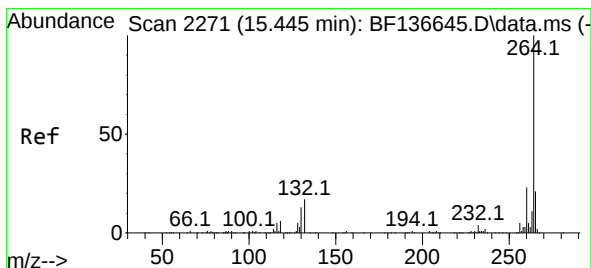
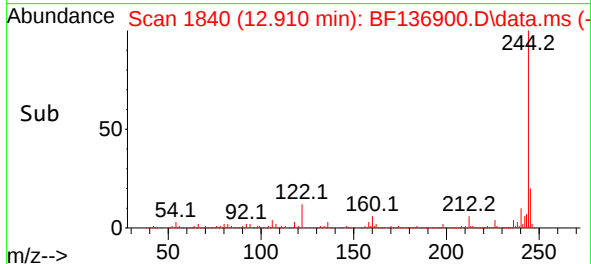
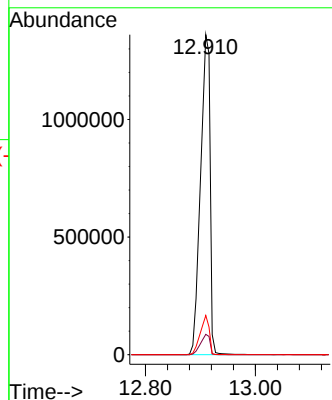
#79
 Terphenyl-d14
 Concen: 84.085 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF136900.D
 Acq: 03 Jan 2024 10:46

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 1646348

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.0	7.4
122	12.3	9.0	13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. 0.000 min
 Lab File: BF136900.D
 Acq: 03 Jan 2024 10:46

Tgt Ion:264 Resp: 219974

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.3	27.5
265	21.1	17.0	25.6

