

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110822\
 Data File : BF131061.D
 Acq On : 08 Nov 2022 12:02
 Operator : CG\JU
 Sample : N5460-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SH-1

Quant Time: Nov 08 13:14:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 01:40:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	53954	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	319260	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	143233	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	247050	20.000	ng	# 0.00
76) Chrysene-d12	14.086	240	164502	20.000	ng	0.00
86) Perylene-d12	15.586	264	140153	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	608248	181.784	ng	0.00
7) Phenol-d6	6.528	99	503992	123.407	ng	0.00
23) Nitrobenzene-d5	7.463	82	372499	54.082	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	172666	109.493	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	744294	70.818	ng	0.00
79) Terphenyl-d14	13.027	244	679859	66.260	ng	0.00

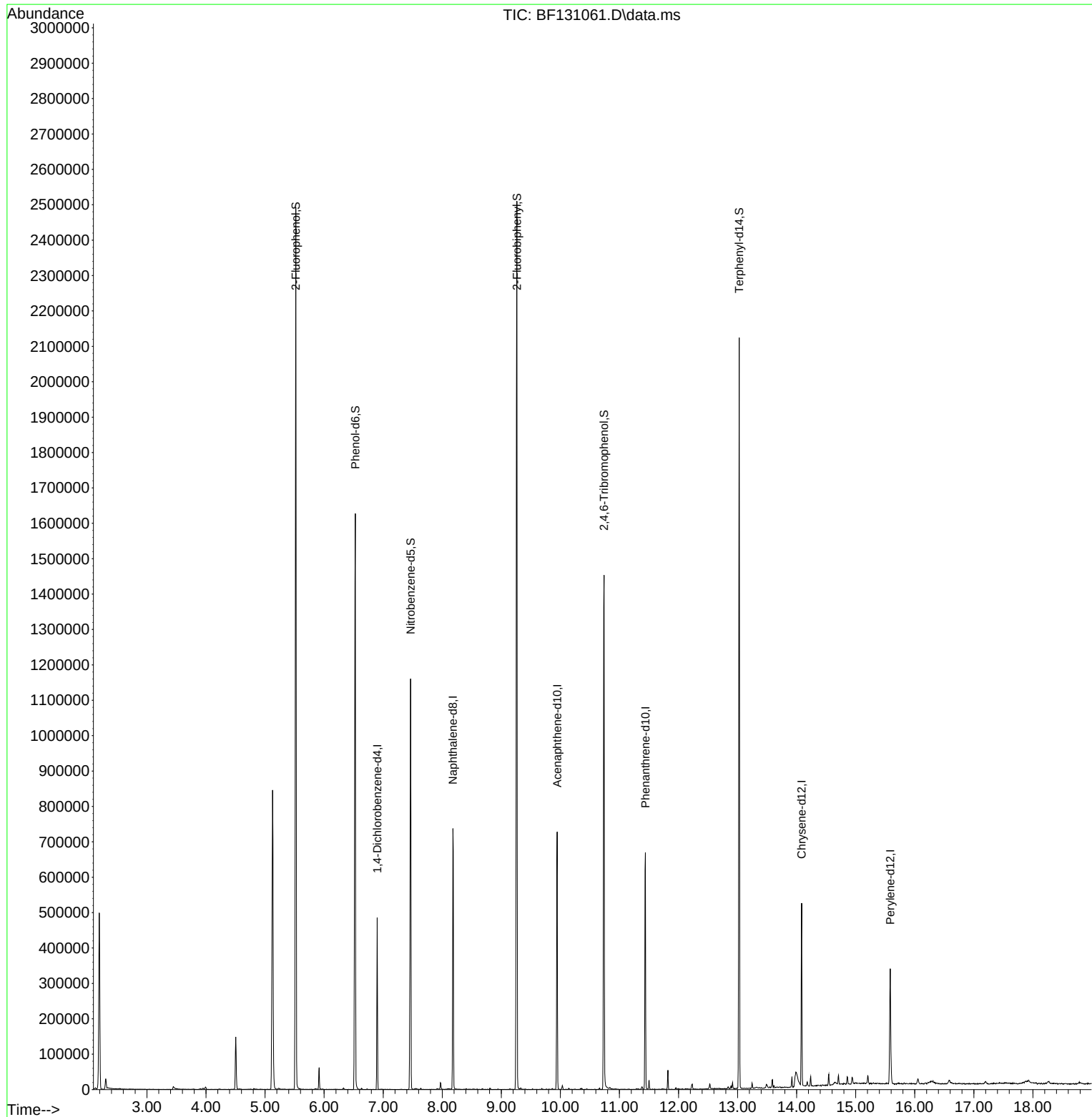
Target Compounds	Qvalue

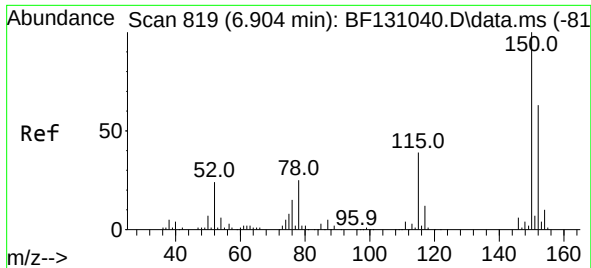
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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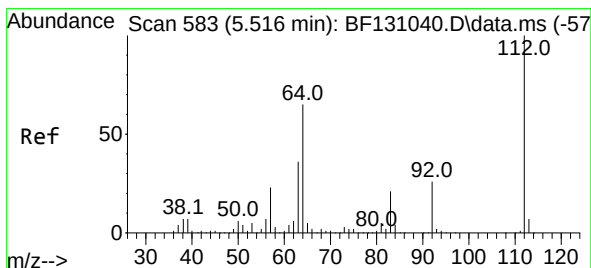
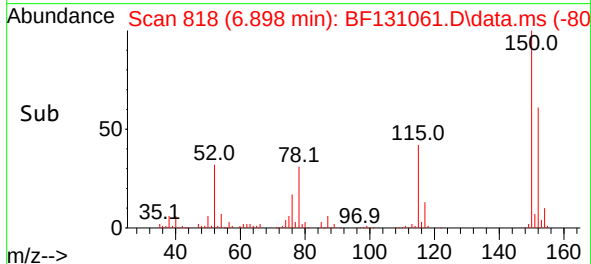
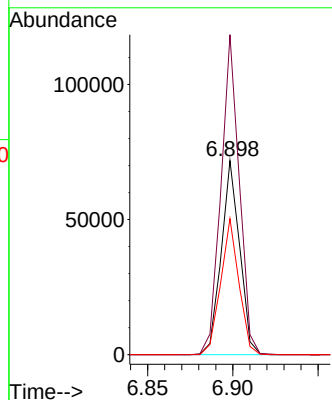
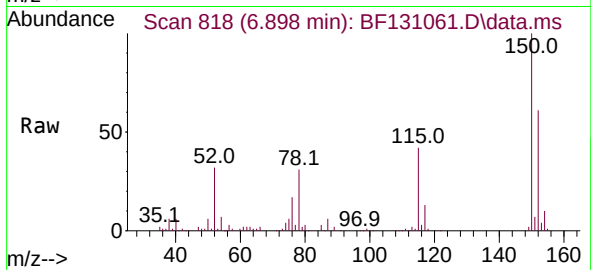




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131061.D
Acq: 08 Nov 2022 12:02

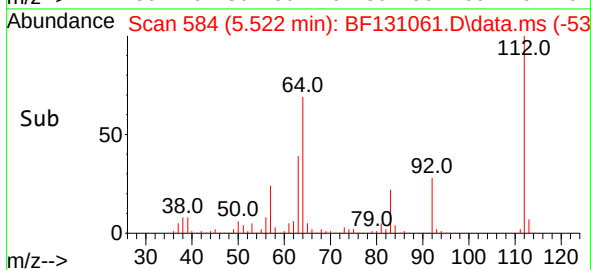
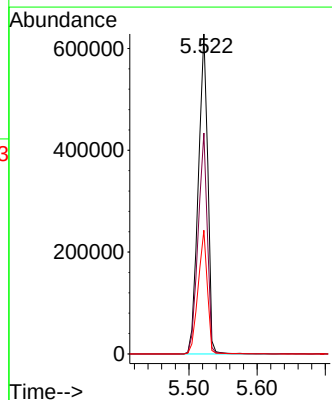
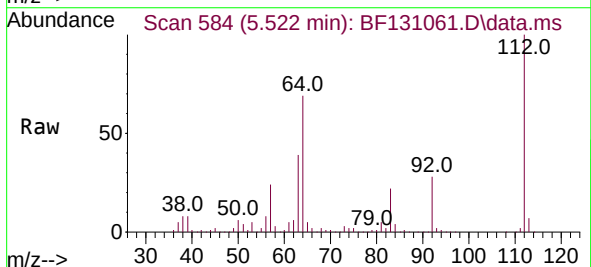
Instrument :
BNA_F
ClientSampleId :
SH-1

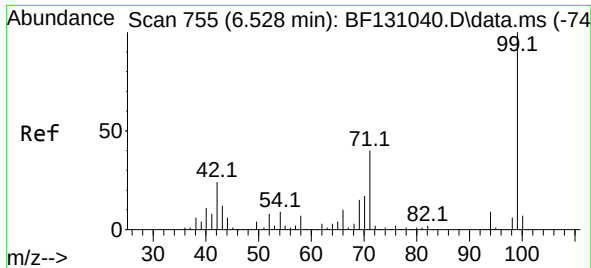
Tgt Ion:152 Resp: 53954
Ion Ratio Lower Upper
152 100
150 164.9 126.6 189.8
115 70.1 49.1 73.7



#5
2-Fluorophenol
Concen: 181.784 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.006 min
Lab File: BF131061.D
Acq: 08 Nov 2022 12:02

Tgt Ion:112 Resp: 608248
Ion Ratio Lower Upper
112 100
64 69.0 52.2 78.4
63 38.7 29.0 43.4

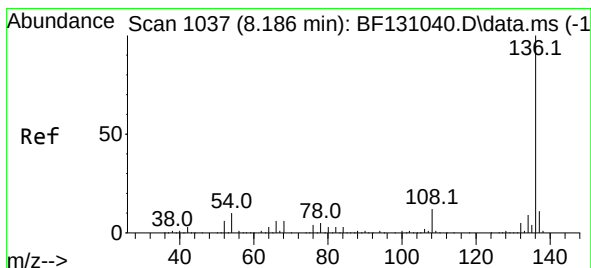
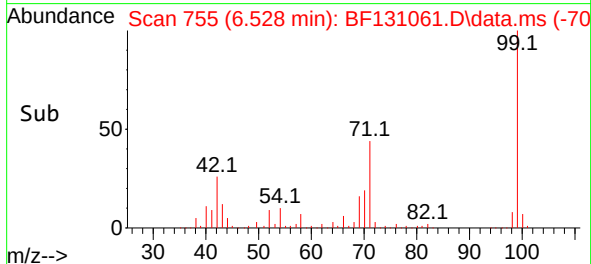
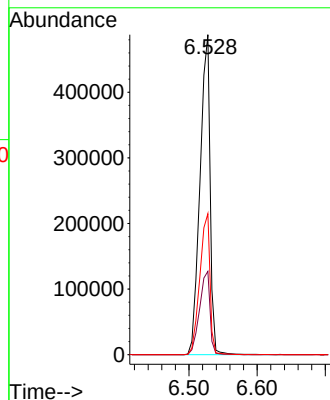
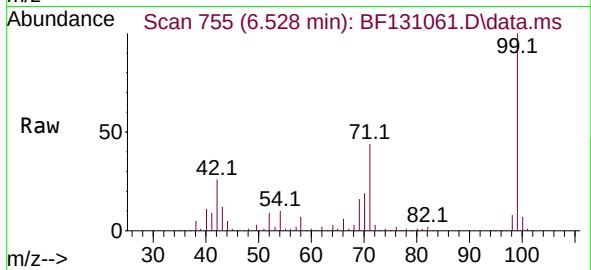




#7
Phenol-d6
Concen: 123.407 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF131061.D
Acq: 08 Nov 2022 12:02

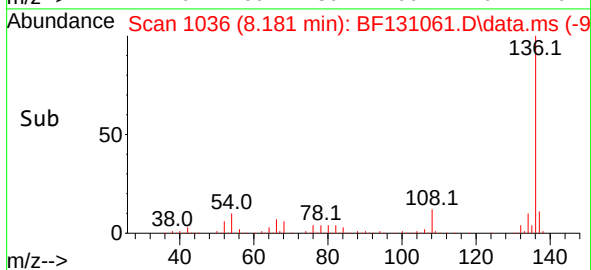
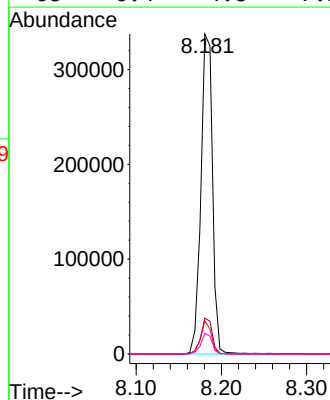
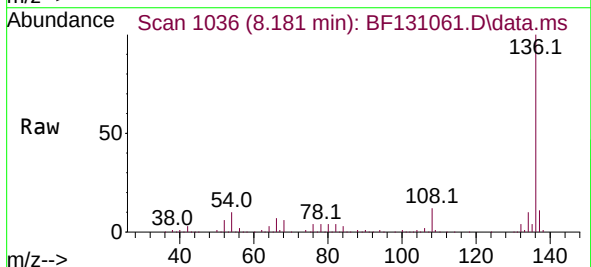
Instrument :
BNA_F
ClientSampleId :
SH-1

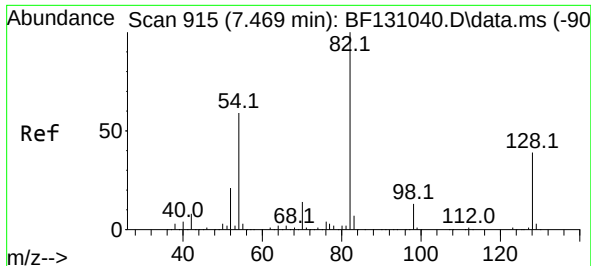
Tgt Ion: 99 Resp: 503992
Ion Ratio Lower Upper
99 100
42 26.0 19.4 29.0
71 44.0 31.8 47.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF131061.D
Acq: 08 Nov 2022 12:02

Tgt Ion: 136 Resp: 319260
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 10.3 8.2 12.2
68 6.4 4.8 7.2





#23

Nitrobenzene-d5

Concen: 54.082 ng

RT: 7.463 min Scan# 915

Delta R.T. -0.006 min

Lab File: BF131061.D

Acq: 08 Nov 2022 12:02

Instrument :

BNA_F

ClientSampleId :

SH-1

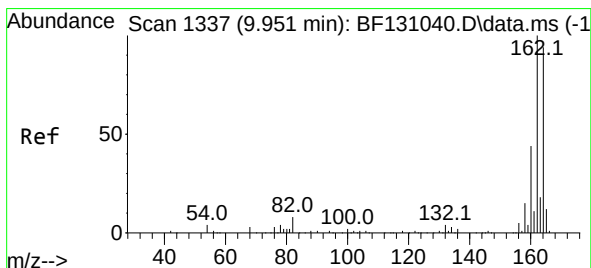
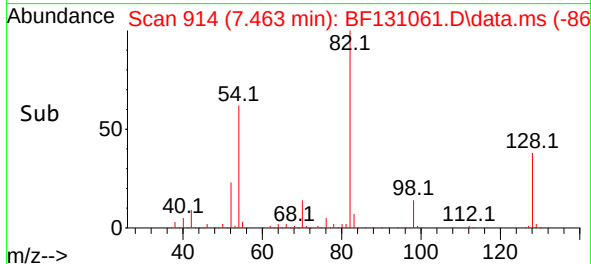
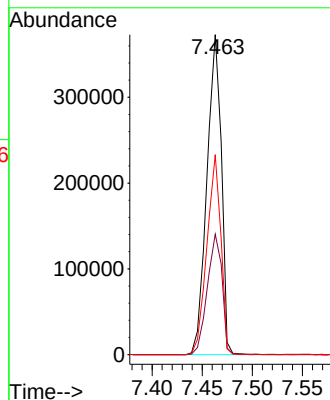
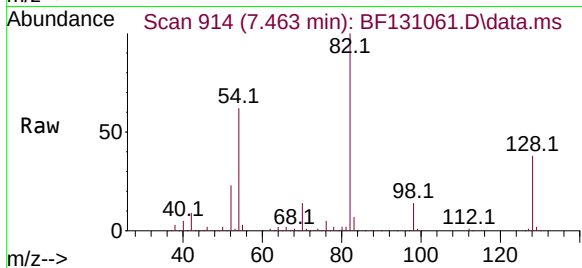
Tgt Ion: 82 Resp: 372499

Ion Ratio Lower Upper

82 100

128 37.7 31.3 46.9

54 62.5 47.2 70.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.945 min Scan# 1336

Delta R.T. -0.006 min

Lab File: BF131061.D

Acq: 08 Nov 2022 12:02

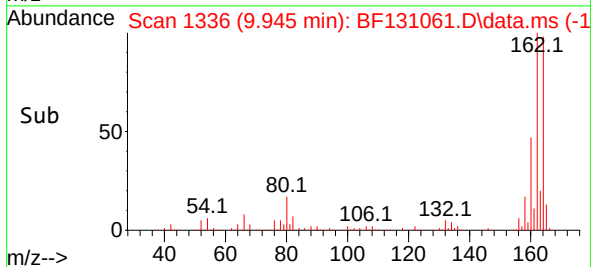
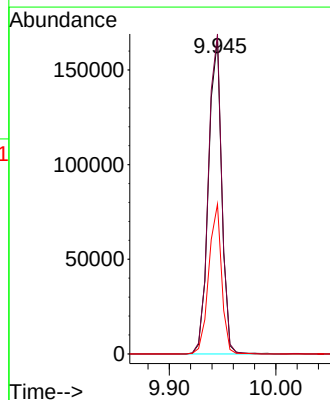
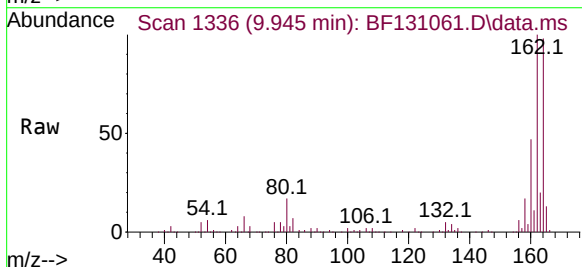
Tgt Ion:164 Resp: 143233

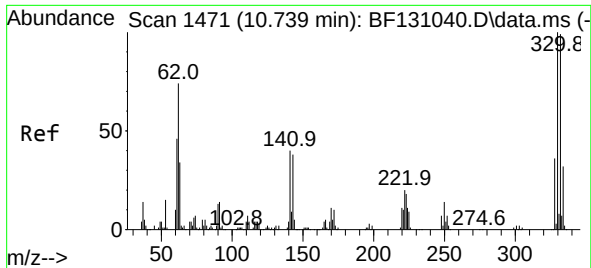
Ion Ratio Lower Upper

164 100

162 101.6 85.0 127.6

160 47.5 37.0 55.6

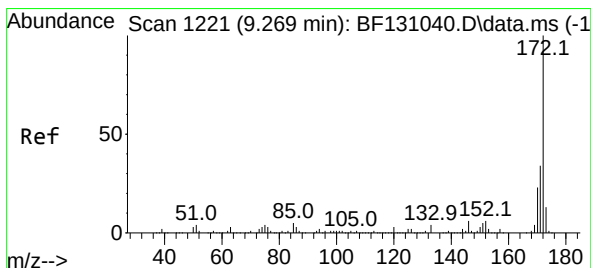
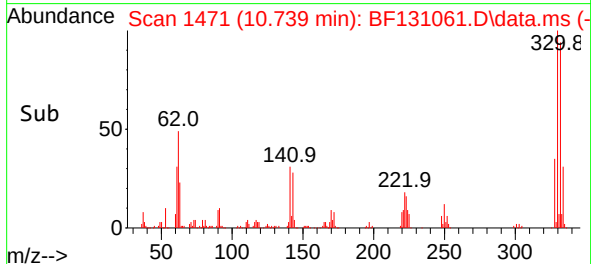
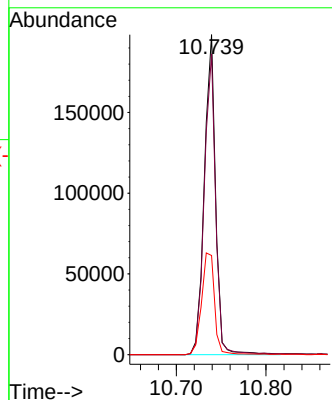
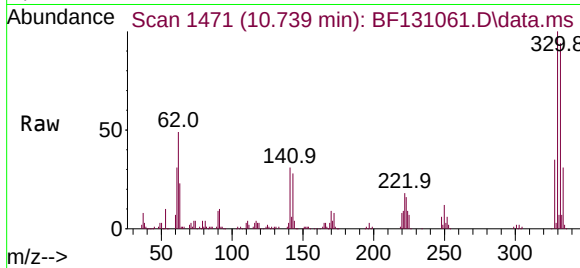




#42
 2,4,6-Tribromophenol
 Concen: 109.493 ng
 RT: 10.739 min Scan# 1471
 Delta R.T. 0.000 min
 Lab File: BF131061.D
 Acq: 08 Nov 2022 12:02

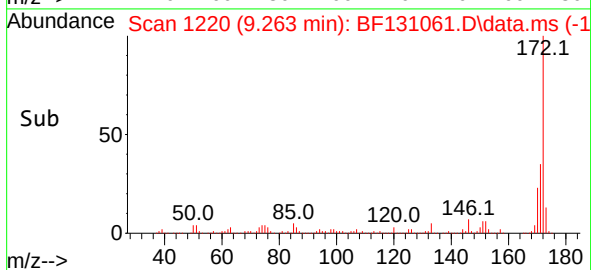
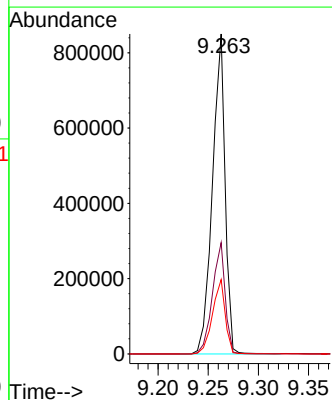
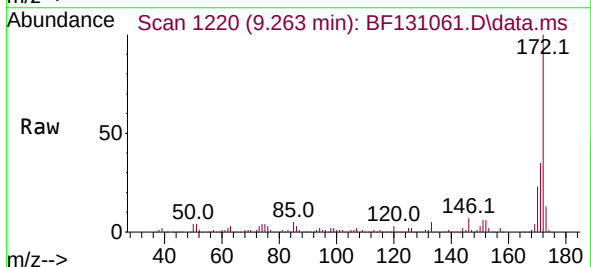
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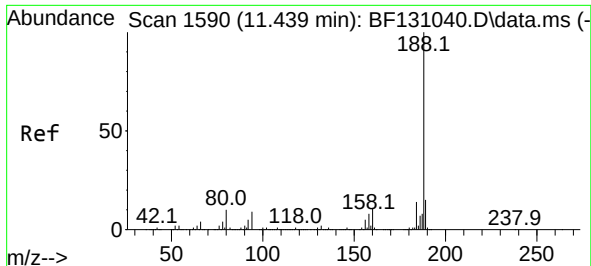
Tgt Ion:	330	Resp:	172666
Ion Ratio	Lower	Upper	
330	100		
332	95.9	77.0	115.4
141	36.7	28.3	42.5



#45
 2-Fluorobiphenyl
 Concen: 70.818 ng
 RT: 9.263 min Scan# 1220
 Delta R.T. -0.006 min
 Lab File: BF131061.D
 Acq: 08 Nov 2022 12:02

Tgt Ion:	172	Resp:	744294
Ion Ratio	Lower	Upper	
172	100		
171	34.8	27.7	41.5
170	23.2	18.4	27.6

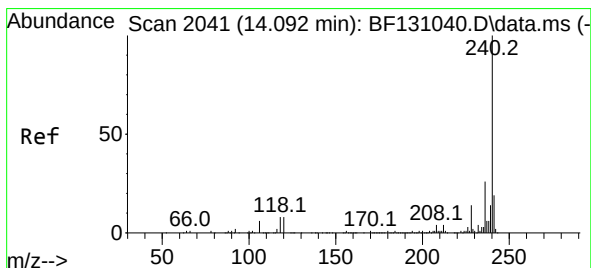
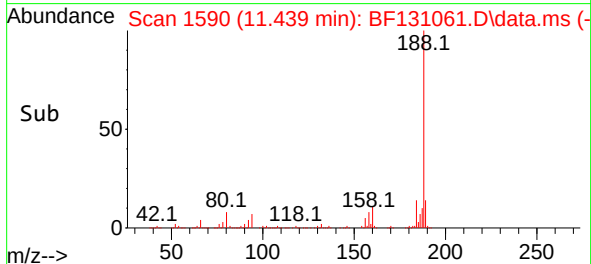
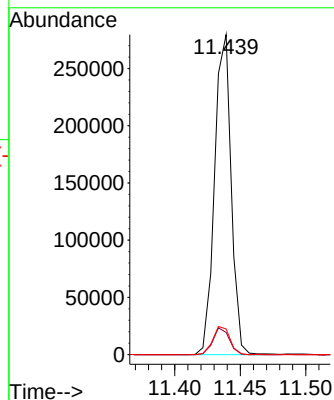
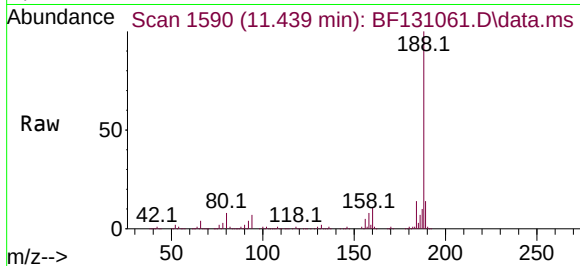




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131061.D
Acq: 08 Nov 2022 12:02

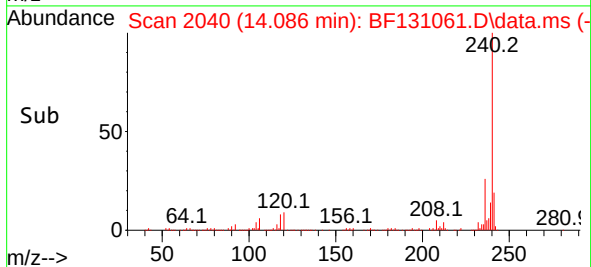
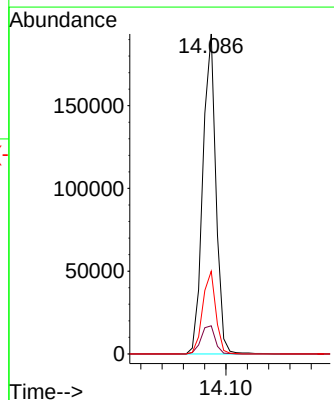
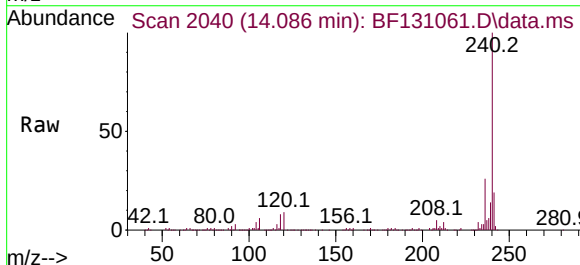
Instrument :
BNA_F
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SH-1

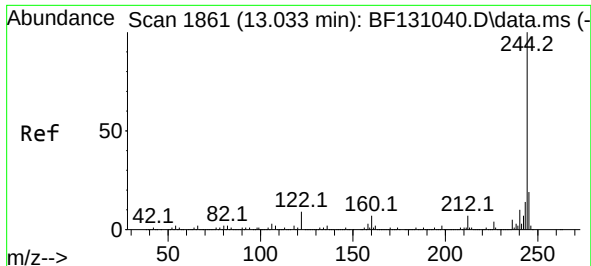
Tgt Ion:188 Resp: 247050
Ion Ratio Lower Upper
188 100
94 6.9 7.0 10.6#
80 8.0 8.1 12.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2040
Delta R.T. -0.006 min
Lab File: BF131061.D
Acq: 08 Nov 2022 12:02

Tgt Ion:240 Resp: 164502
Ion Ratio Lower Upper
240 100
120 8.8 6.7 10.1
236 25.8 20.8 31.2

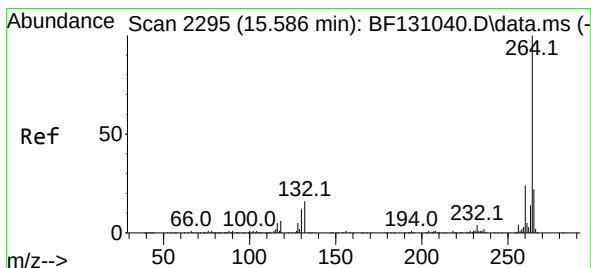
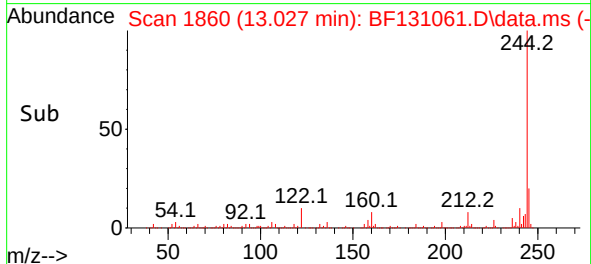
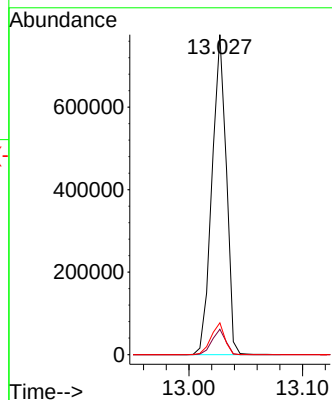
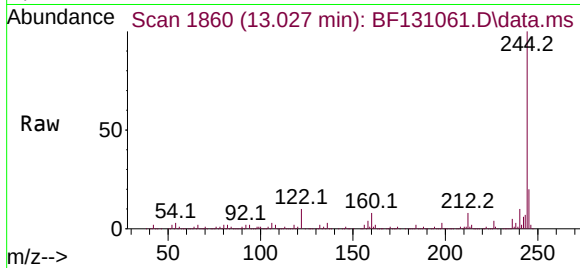




#79
 Terphenyl-d14
 Concen: 66.260 ng
 RT: 13.027 min Scan# 1861
 Delta R.T. -0.006 min
 Lab File: BF131061.D
 Acq: 08 Nov 2022 12:02

Instrument :
 BNA_F
 ClientSampleId :
 SH-1

Tgt Ion:244 Resp: 679859
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.8 8.6
 122 9.9 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 2295
 Delta R.T. 0.000 min
 Lab File: BF131061.D
 Acq: 08 Nov 2022 12:02

Tgt Ion:264 Resp: 140153
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.8 28.2
 265 21.0 17.3 25.9

