

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090622\
 Data File : BF130139.D
 Acq On : 06 Sep 2022 15:59
 Operator : CG\JU
 Sample : PB147437BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147437BL

Quant Time: Sep 07 02:13:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 07 02:05:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.693	152	228060	20.000	ng	0.00
21) Naphthalene-d8	7.975	136	909633	20.000	ng	0.00
39) Acenaphthene-d10	9.728	164	502213	20.000	ng	0.00
64) Phenanthrene-d10	11.204	188	887694	20.000	ng	# 0.00
76) Chrysene-d12	13.833	240	607565	20.000	ng	#-0.01
86) Perylene-d12	15.233	264	446988	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	1660214	123.584	ng	0.01
7) Phenol-d6	6.328	99	2080162	124.203	ng	0.00
23) Nitrobenzene-d5	7.263	82	1207160	85.287	ng	0.00
42) 2,4,6-Tribromophenol	10.516	330	616833	134.929	ng	0.00
45) 2-Fluorobiphenyl	9.057	172	2286943	75.499	ng	0.00
79) Terphenyl-d14	12.798	244	2674376	76.332	ng	0.00

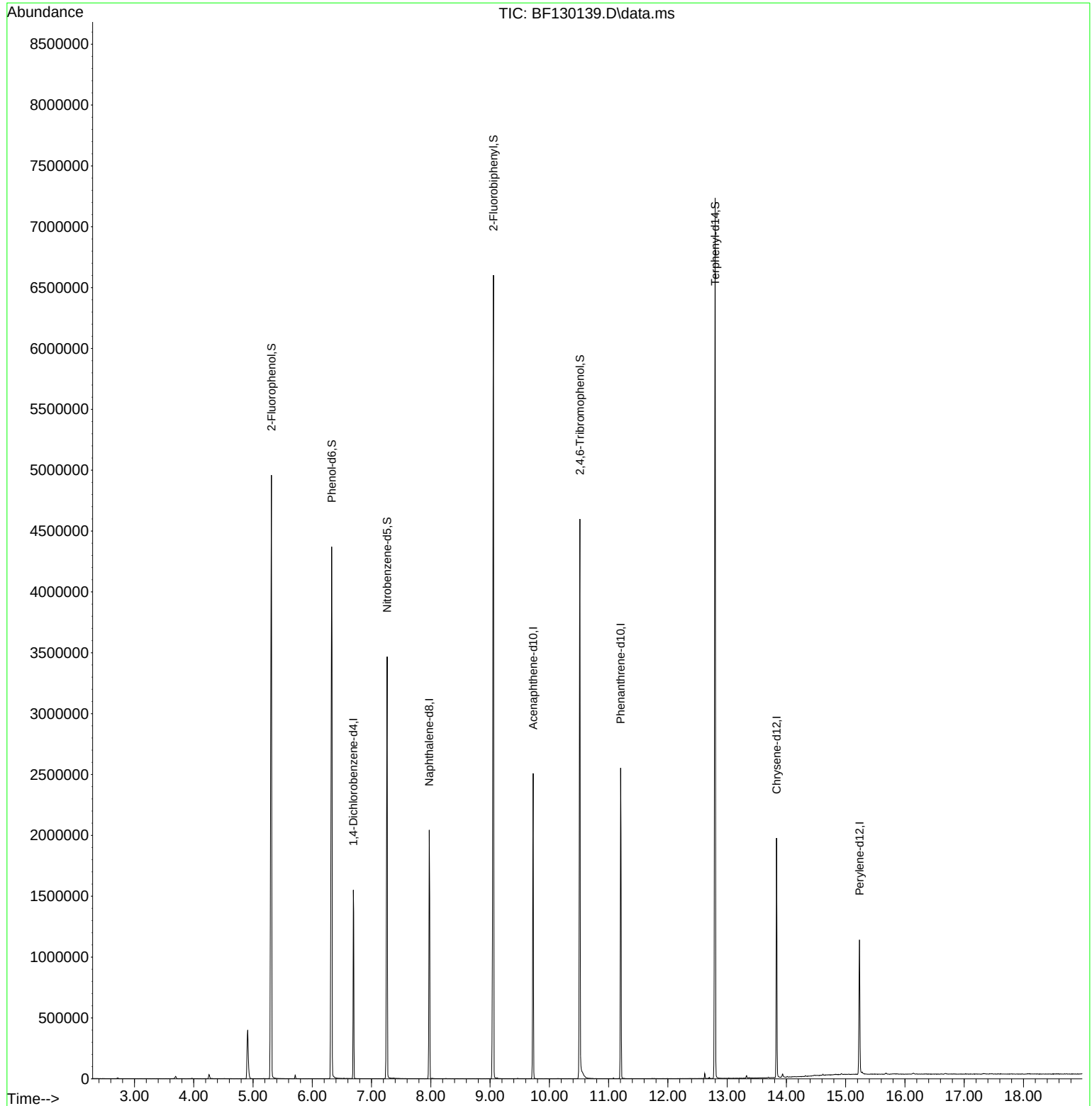
Target Compounds Qvalue

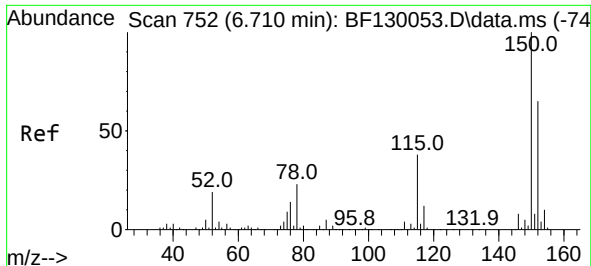
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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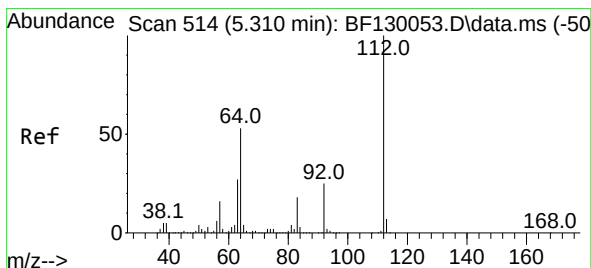
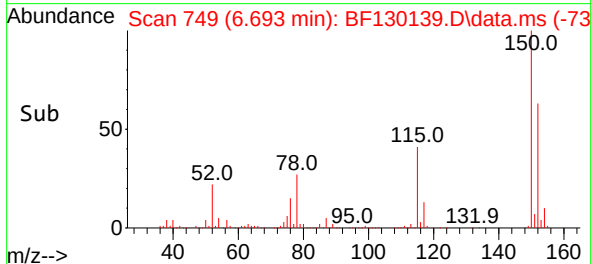
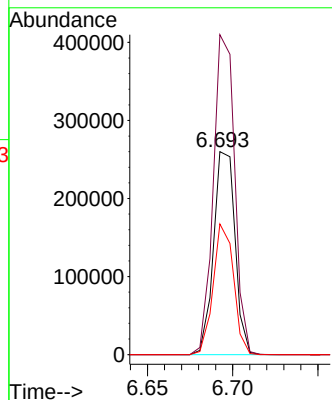
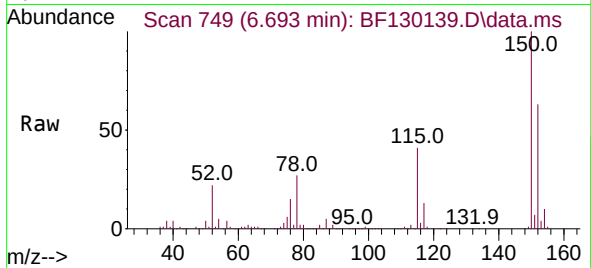




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.693 min Scan# 749
 Delta R.T. -0.005 min
 Lab File: BF130139.D
 Acq: 06 Sep 2022 15:59

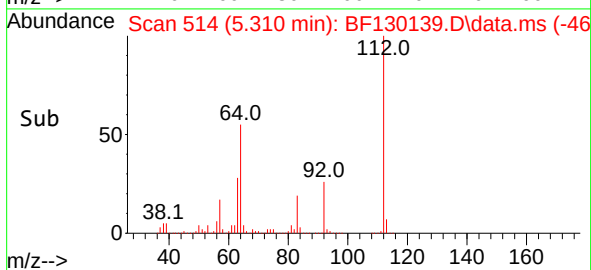
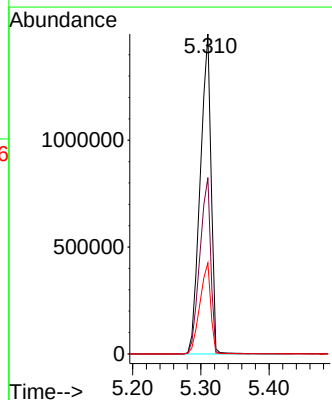
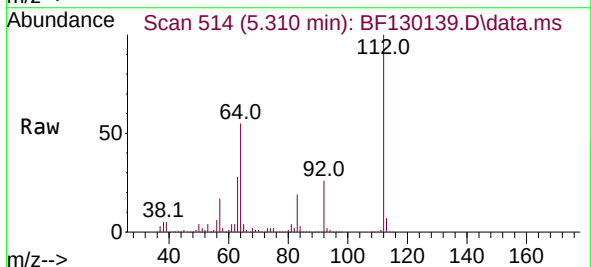
Instrument :
 BNA_F
 ClientSampleId :
 PB147437BL

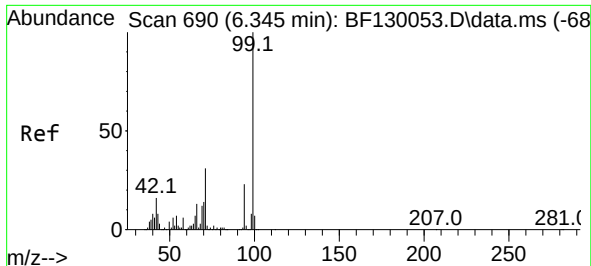
Tgt Ion:152 Resp: 228060
 Ion Ratio Lower Upper
 152 100
 150 157.6 126.9 190.3
 115 64.4 53.4 80.0



#5
 2-Fluorophenol
 Concen: 123.584 ng
 RT: 5.310 min Scan# 514
 Delta R.T. 0.012 min
 Lab File: BF130139.D
 Acq: 06 Sep 2022 15:59

Tgt Ion:112 Resp: 1660214
 Ion Ratio Lower Upper
 112 100
 64 55.1 47.6 71.4
 63 28.4 24.6 37.0



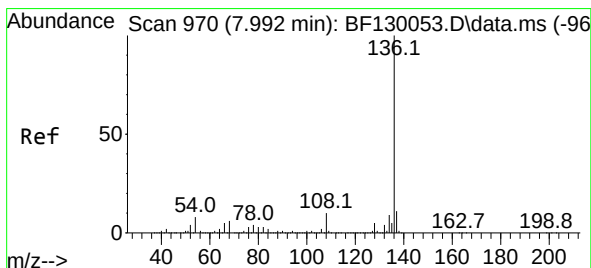
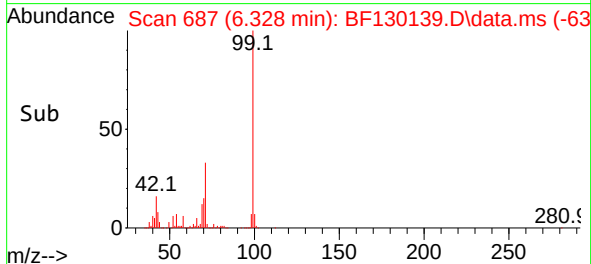
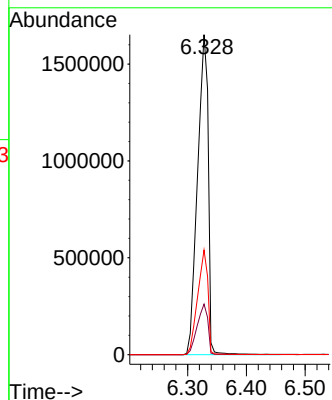
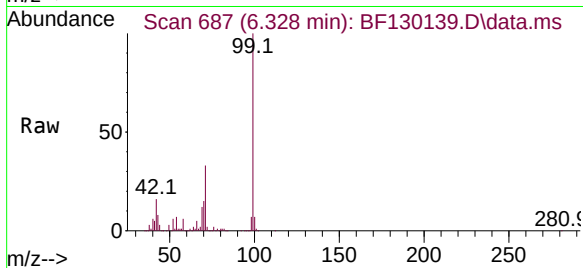


#7
Phenol-d6
Concen: 124.203 ng
RT: 6.328 min Scan# 68
Delta R.T. -0.006 min
Lab File: BF130139.D
Acq: 06 Sep 2022 15:59

Instrument :
BNA_F
ClientSampleId :
PB147437BL

Tgt Ion: 99 Resp: 2080162

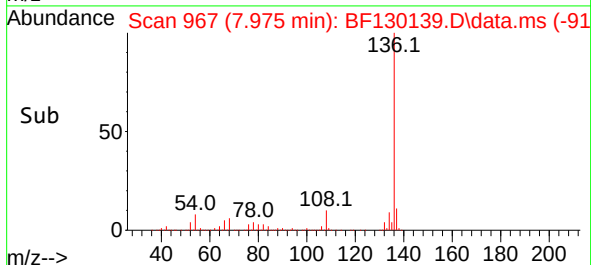
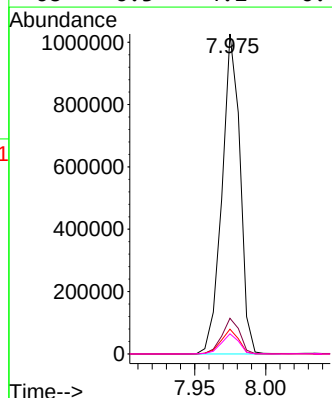
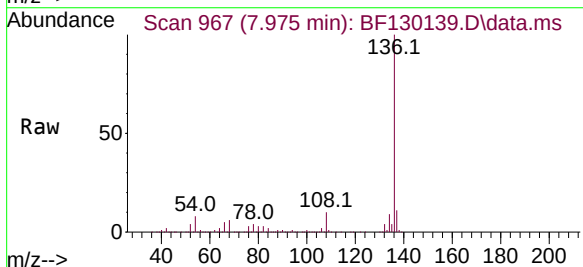
Ion	Ratio	Lower	Upper
99	100		
42	15.8	15.0	22.4
71	32.7	28.8	43.2

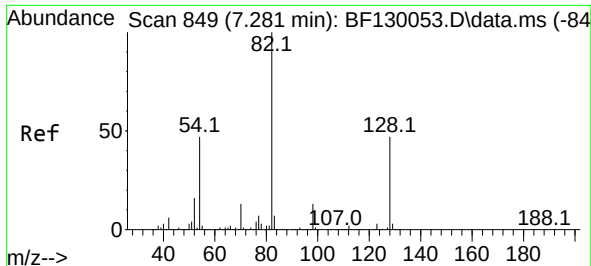


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.975 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF130139.D
Acq: 06 Sep 2022 15:59

Tgt Ion: 136 Resp: 909633

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	7.7	6.2	9.2
68	6.3	4.2	6.4





#23

Nitrobenzene-d5

Concen: 85.287 ng

RT: 7.263 min Scan# 84

Delta R.T. -0.006 min

Lab File: BF130139.D

Acq: 06 Sep 2022 15:59

Instrument :

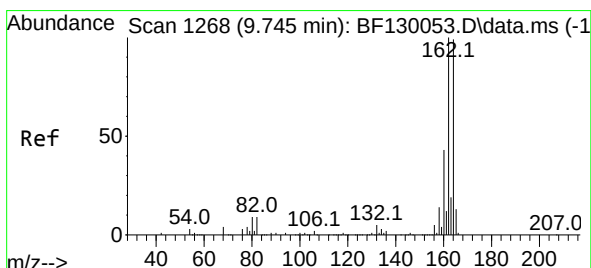
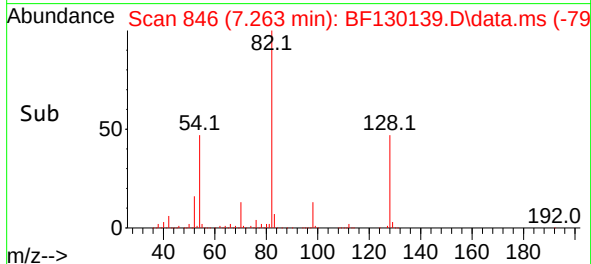
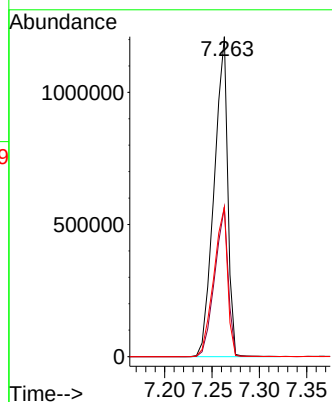
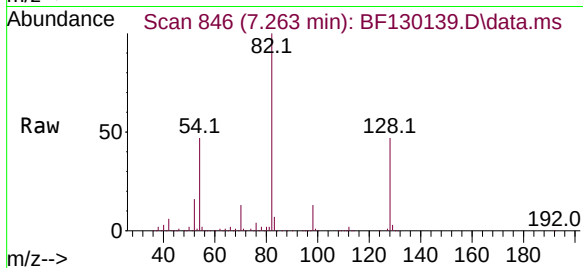
BNA_F

ClientSampleId :

PB147437BL

Tgt Ion: 82 Resp: 1207160

Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.1	54.1
54	46.7	40.0	60.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.728 min Scan# 1265

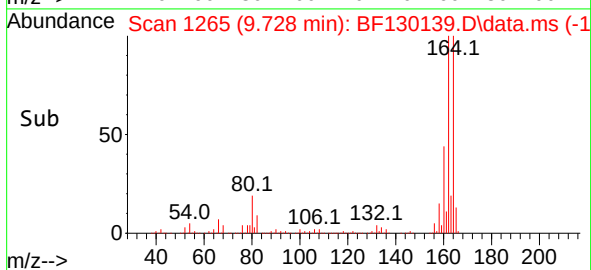
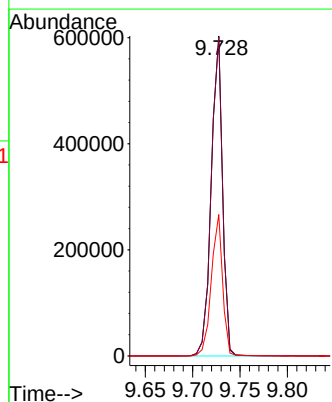
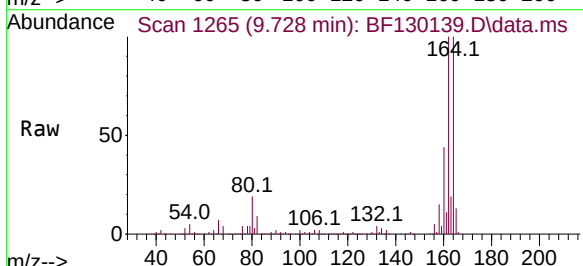
Delta R.T. -0.006 min

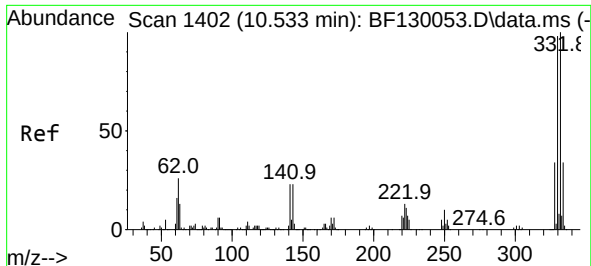
Lab File: BF130139.D

Acq: 06 Sep 2022 15:59

Tgt Ion: 164 Resp: 502213

Ion	Ratio	Lower	Upper
164	100		
162	99.6	82.0	123.0
160	44.2	35.4	53.0





#42

2,4,6-Tribromophenol

Concen: 134.929 ng

RT: 10.516 min Scan# 1139

Delta R.T. -0.006 min

Lab File: BF130139.D

Acq: 06 Sep 2022 15:59

Instrument :

BNA_F

ClientSampleId :

PB147437BL

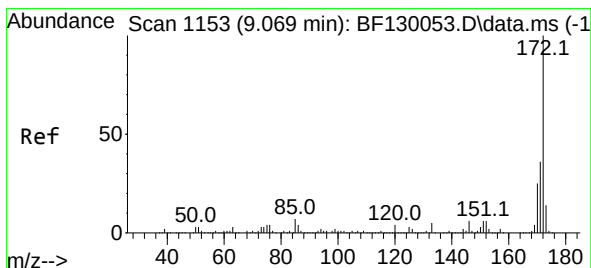
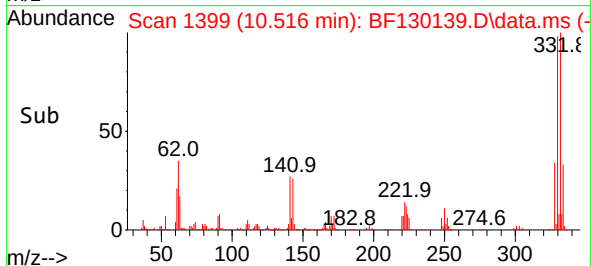
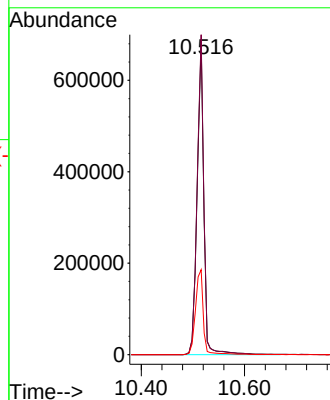
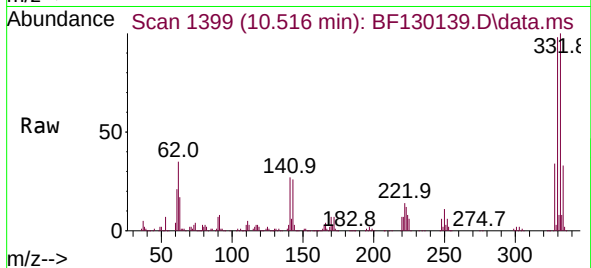
Tgt Ion:330 Resp: 616833

Ion Ratio Lower Upper

330 100

332 102.2 82.6 124.0

141 31.7 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 75.499 ng

RT: 9.057 min Scan# 1151

Delta R.T. 0.000 min

Lab File: BF130139.D

Acq: 06 Sep 2022 15:59

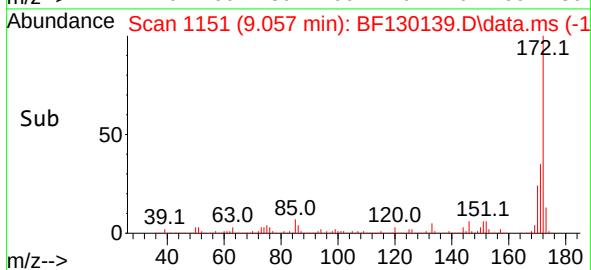
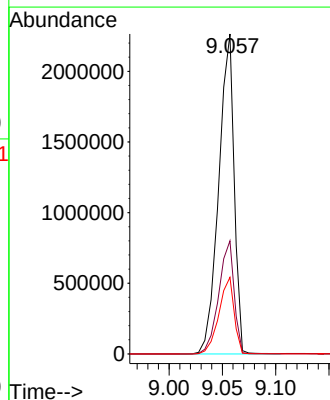
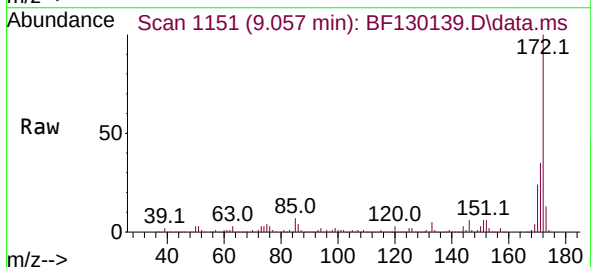
Tgt Ion:172 Resp: 2286943

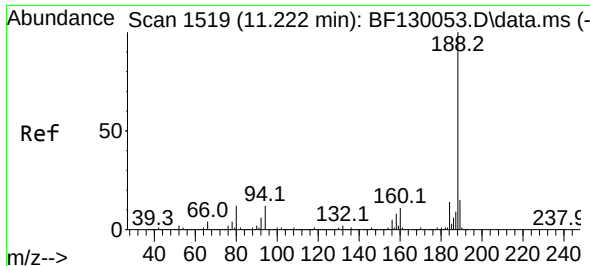
Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 24.0 19.1 28.7

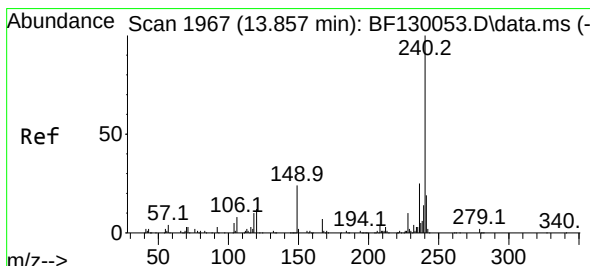
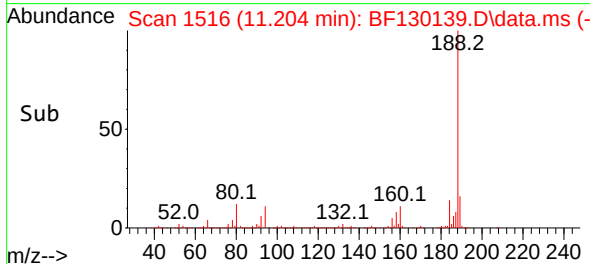
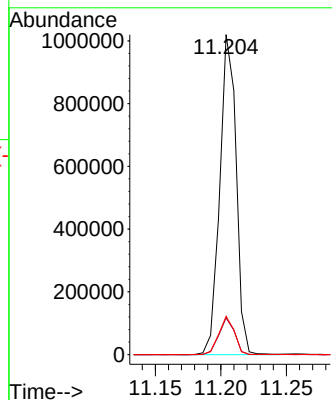
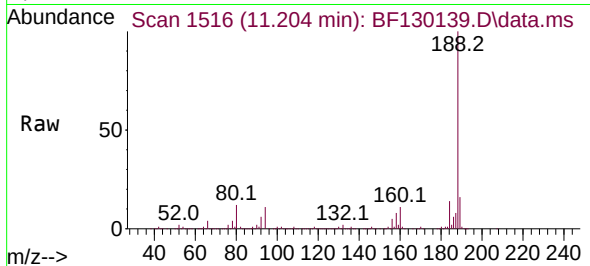




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.204 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF130139.D
Acq: 06 Sep 2022 15:59

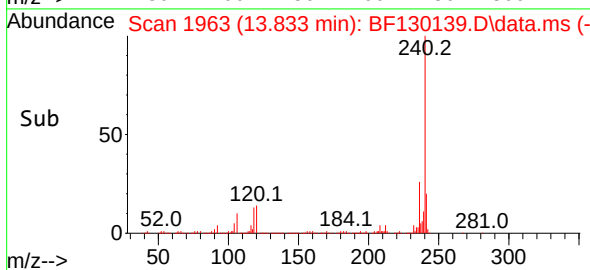
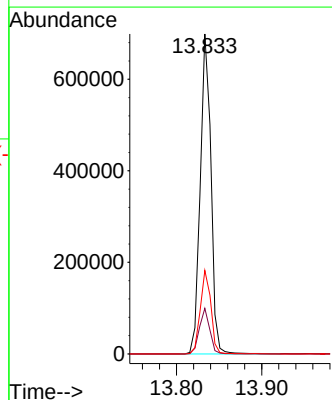
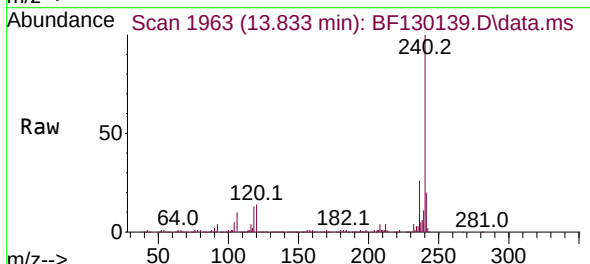
Instrument :
BNA_F
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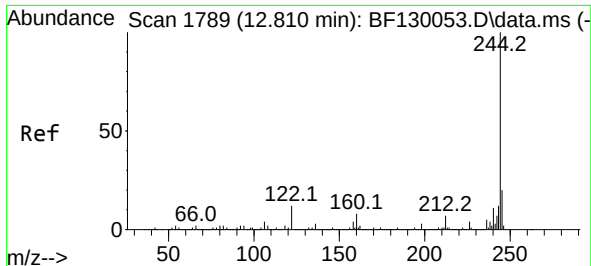
Tgt Ion:188 Resp: 887694
Ion Ratio Lower Upper
188 100
94 11.5 7.4 11.2#
80 12.0 7.9 11.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.833 min Scan# 1963
Delta R.T. -0.012 min
Lab File: BF130139.D
Acq: 06 Sep 2022 15:59

Tgt Ion:240 Resp: 607565
Ion Ratio Lower Upper
240 100
120 14.2 9.2 13.8#
236 26.1 20.7 31.1

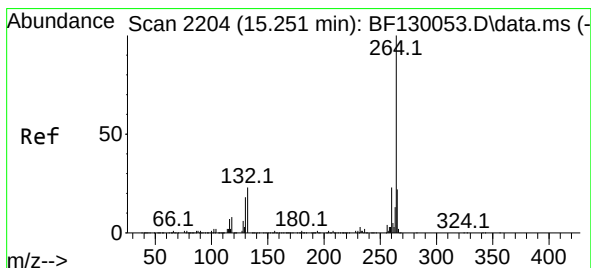
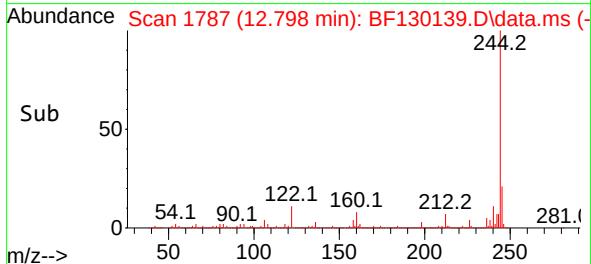
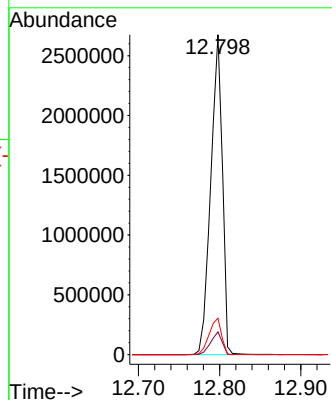
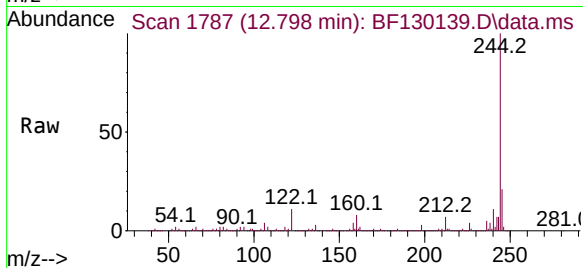




#79
 Terphenyl-d14
 Concen: 76.332 ng
 RT: 12.798 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF130139.D
 Acq: 06 Sep 2022 15:59

Instrument :
 BNA_F
 ClientSampleId :
 PB147437BL

Tgt Ion:244 Resp: 2674376
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 11.4 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.233 min Scan# 2201
 Delta R.T. -0.006 min
 Lab File: BF130139.D
 Acq: 06 Sep 2022 15:59

Tgt Ion:264 Resp: 446988
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.1 28.7
 265 20.6 16.7 25.1

