

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090122\
 Data File : BF130084.D
 Acq On : 01 Sep 2022 18:42
 Operator : CG\JU
 Sample : N4385-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 265751-1

Quant Time: Sep 02 04:02:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 18:15:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	235386	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	931503	20.000	ng	#-0.01
39) Acenaphthene-d10	9.733	164	492600	20.000	ng	-0.01
64) Phenanthrene-d10	11.216	188	800200	20.000	ng	0.00
76) Chrysene-d12	13.845	240	522420	20.000	ng	-0.01
86) Perylene-d12	15.245	264	442792	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	1209536	87.234	ng	0.00
7) Phenol-d6	6.328	99	1147006	66.354	ng	-0.02
23) Nitrobenzene-d5	7.269	82	1534439	105.864	ng	-0.01
42) 2,4,6-Tribromophenol	10.522	330	686883	153.184	ng	-0.01
45) 2-Fluorobiphenyl	9.063	172	2744499	92.372	ng	0.00
79) Terphenyl-d14	12.804	244	2717218	90.195	ng	0.00

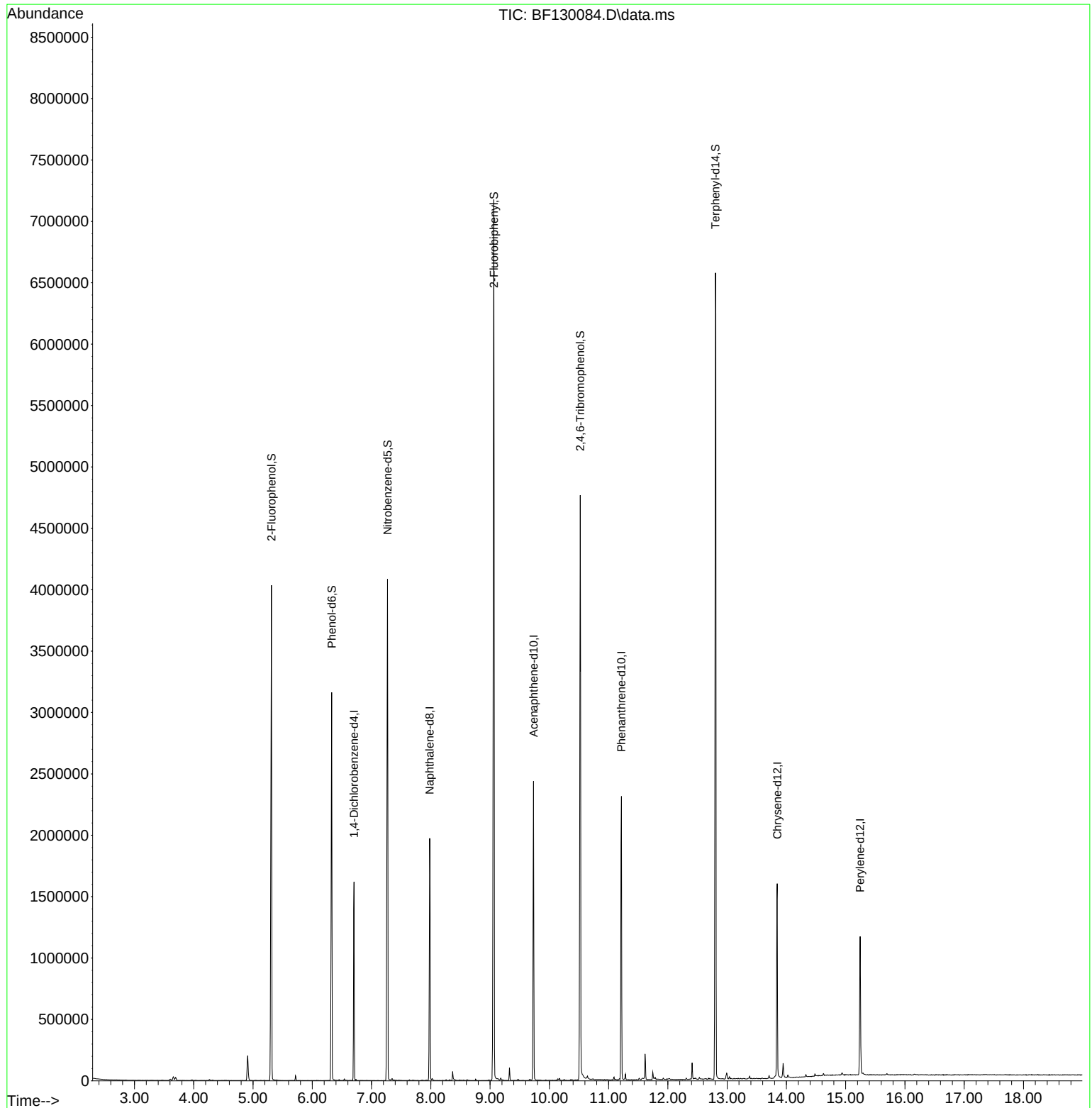
Target Compounds Qvalue

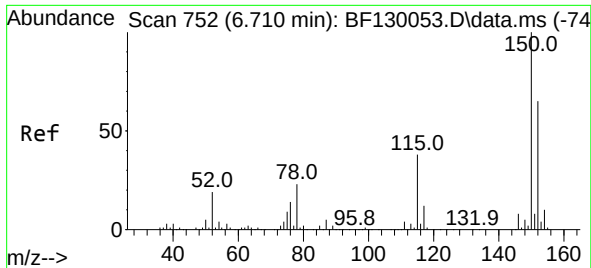
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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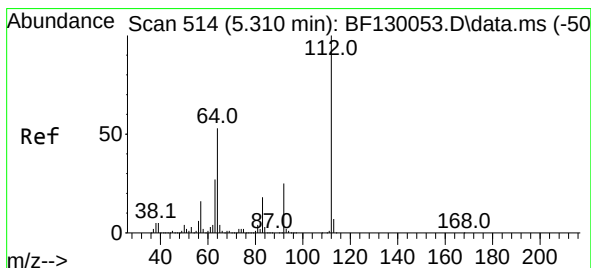
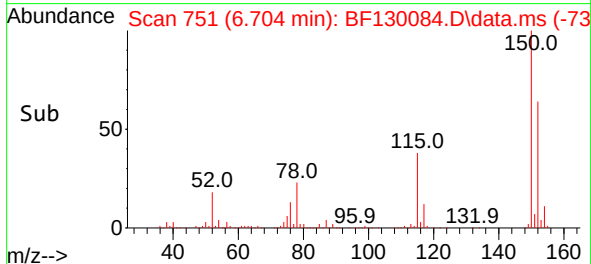
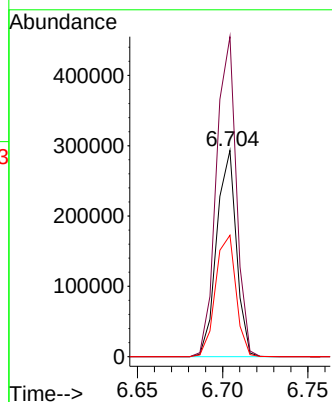
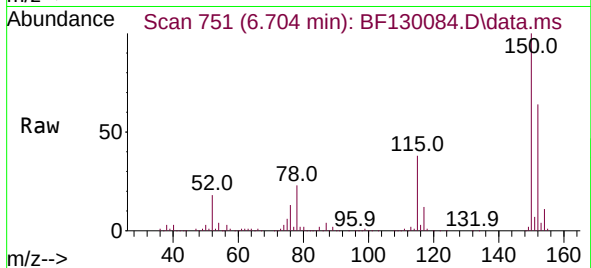




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.704 min Scan# 751
 Delta R.T. -0.006 min
 Lab File: BF130084.D
 Acq: 01 Sep 2022 18:42

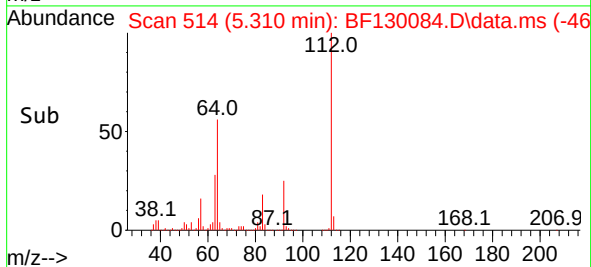
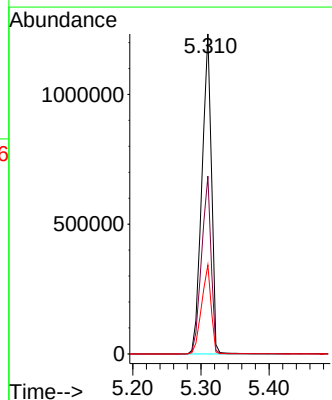
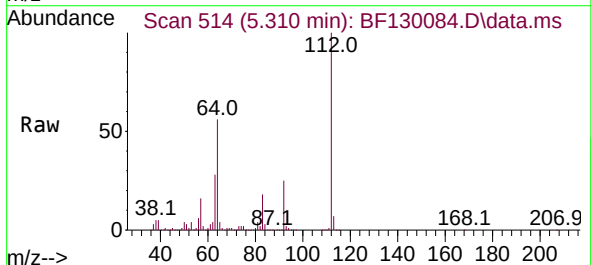
Instrument :
 BNA_F
 ClientSampleId :
 265751-1

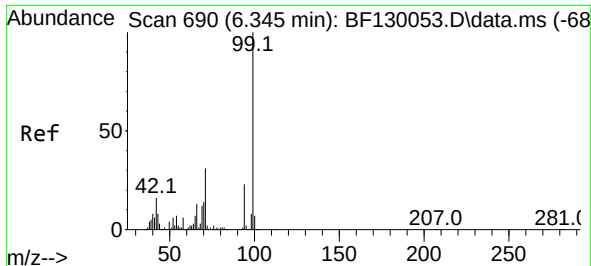
Tgt Ion:152 Resp: 235386
 Ion Ratio Lower Upper
 152 100
 150 155.2 126.9 190.3
 115 58.9 53.4 80.0



#5
 2-Fluorophenol
 Concen: 87.234 ng
 RT: 5.310 min Scan# 514
 Delta R.T. 0.000 min
 Lab File: BF130084.D
 Acq: 01 Sep 2022 18:42

Tgt Ion:112 Resp: 1209536
 Ion Ratio Lower Upper
 112 100
 64 55.5 47.6 71.4
 63 27.8 24.6 37.0



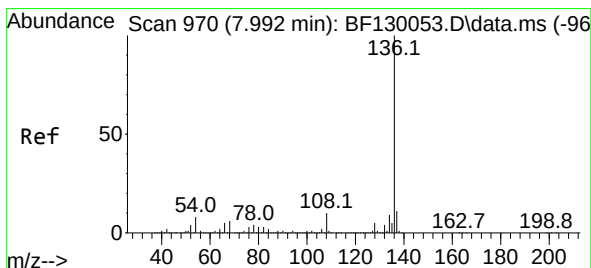
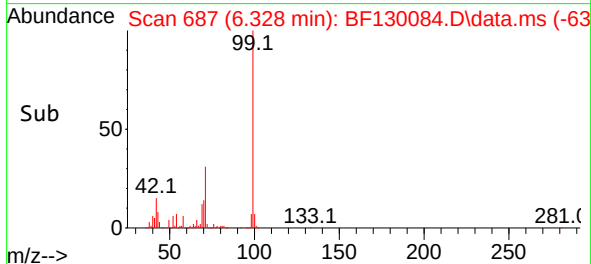
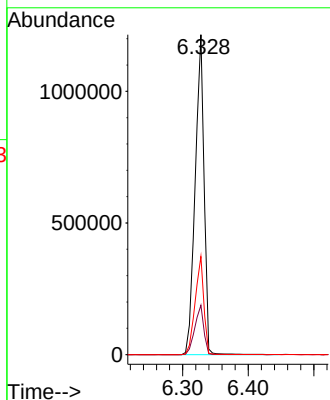
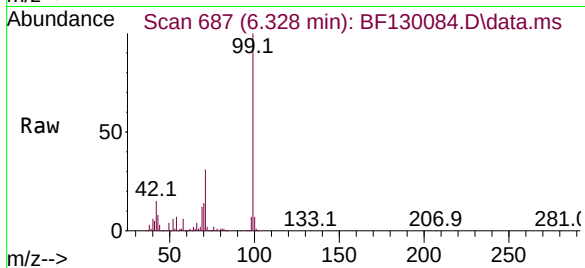


#7
Phenol-d6
Concen: 66.354 ng
RT: 6.328 min Scan# 687
Delta R.T. -0.018 min
Lab File: BF130084.D
Acq: 01 Sep 2022 18:42

Instrument :
BNA_F
ClientSampleId :
265751-1

Tgt Ion: 99 Resp: 1147006

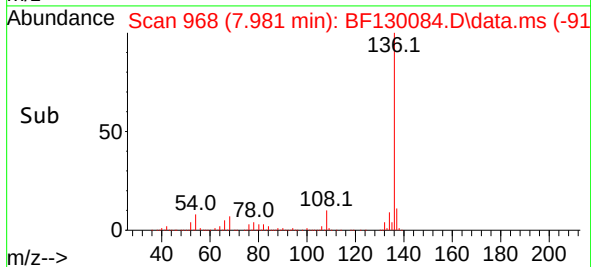
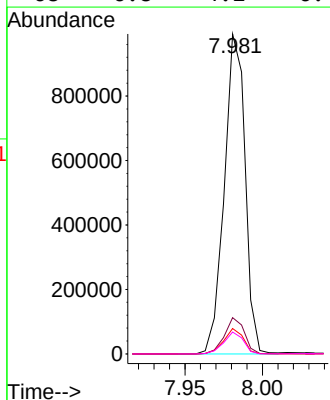
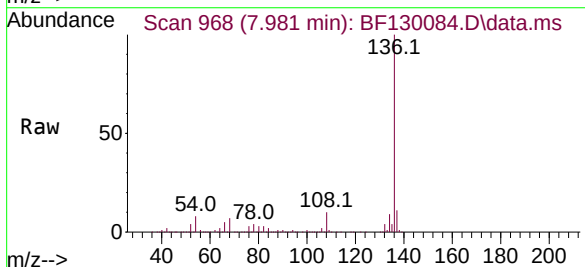
Ion	Ratio	Lower	Upper
99	100		
42	15.4	15.0	22.4
71	30.7	28.8	43.2

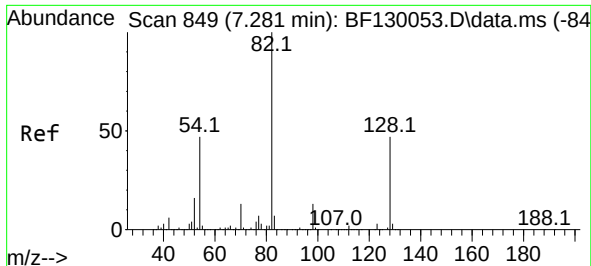


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.981 min Scan# 968
Delta R.T. -0.011 min
Lab File: BF130084.D
Acq: 01 Sep 2022 18:42

Tgt Ion: 136 Resp: 931503

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.4	12.6
54	7.9	6.2	9.2
68	6.8	4.2	6.4





#23

Nitrobenzene-d5

Concen: 105.864 ng

RT: 7.269 min Scan# 84

Delta R.T. -0.012 min

Lab File: BF130084.D

Acq: 01 Sep 2022 18:42

Instrument :

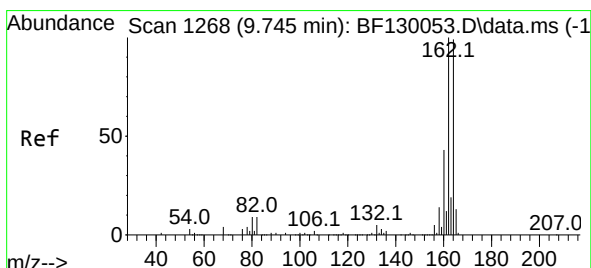
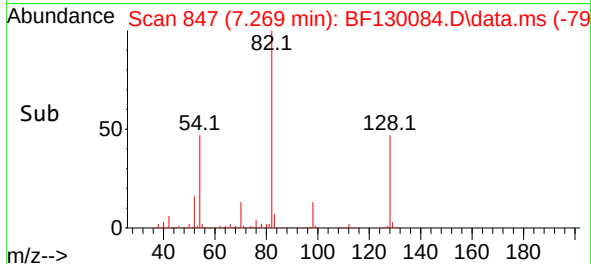
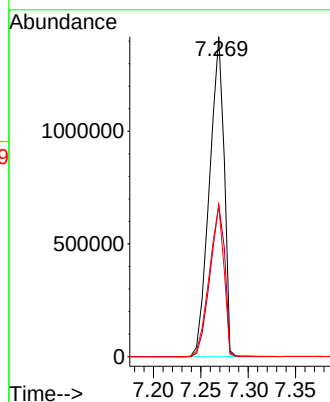
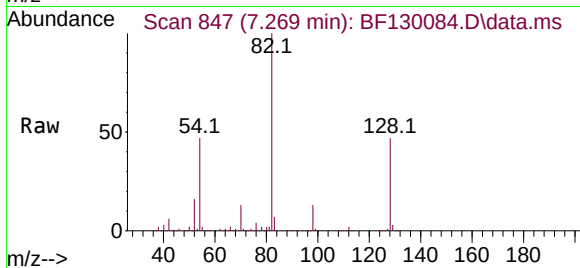
BNA_F

ClientSampleId :

265751-1

Tgt Ion: 82 Resp: 1534439

Ion	Ratio	Lower	Upper
82	100		
128	47.4	36.1	54.1
54	47.2	40.0	60.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.733 min Scan# 1266

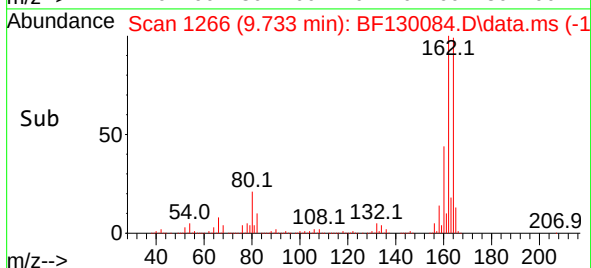
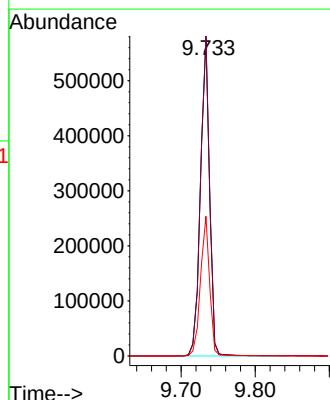
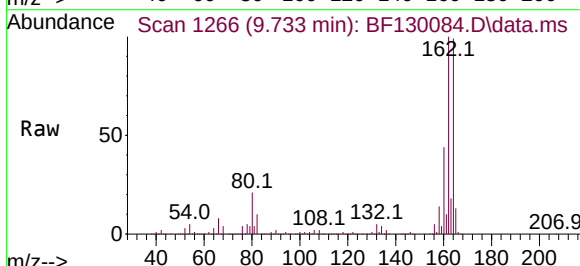
Delta R.T. -0.012 min

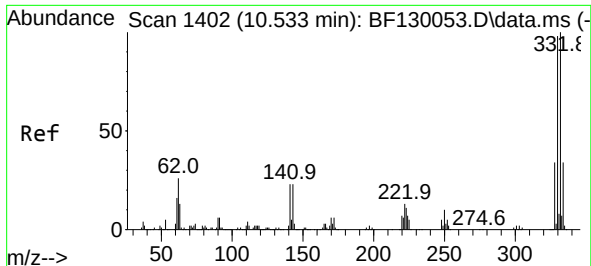
Lab File: BF130084.D

Acq: 01 Sep 2022 18:42

Tgt Ion: 164 Resp: 492600

Ion	Ratio	Lower	Upper
164	100		
162	100.9	82.0	123.0
160	44.0	35.4	53.0

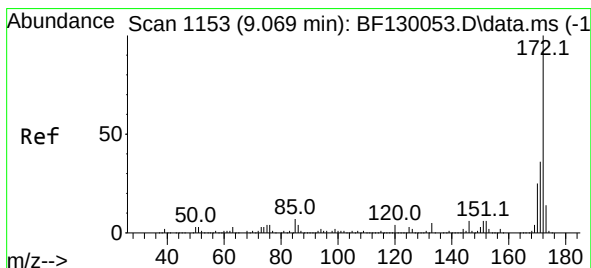
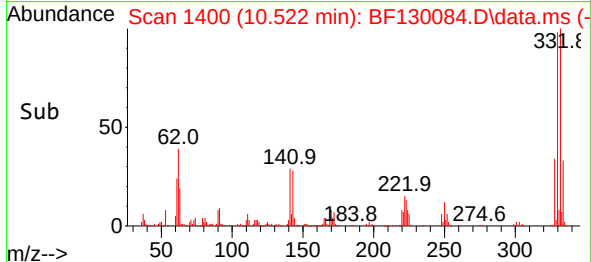
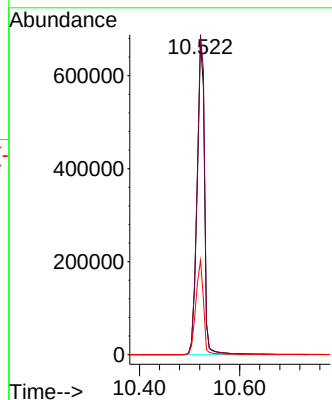
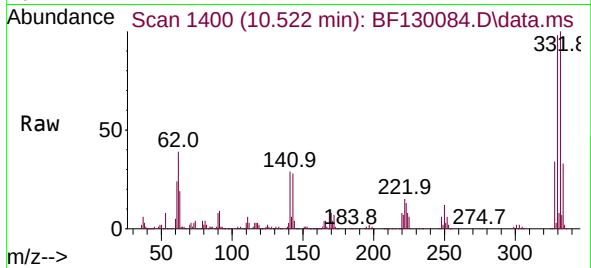




#42
2,4,6-Tribromophenol
Concen: 153.184 ng
RT: 10.522 min Scan# 1400
Delta R.T. -0.012 min
Lab File: BF130084.D
Acq: 01 Sep 2022 18:42

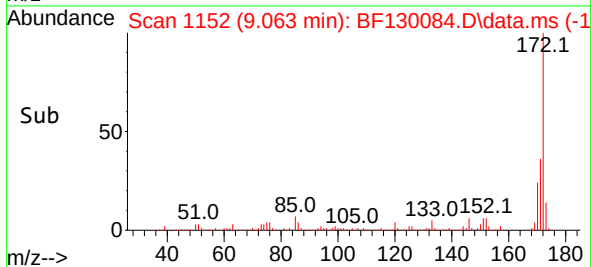
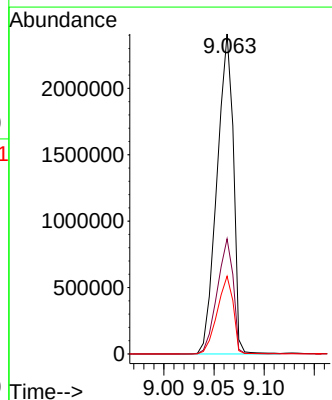
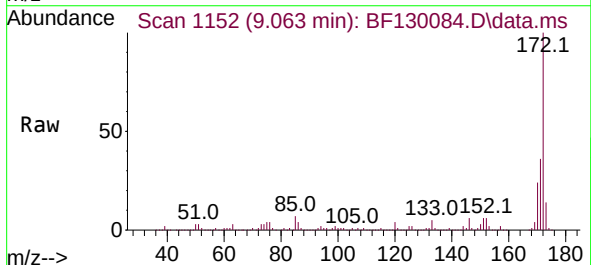
Instrument :
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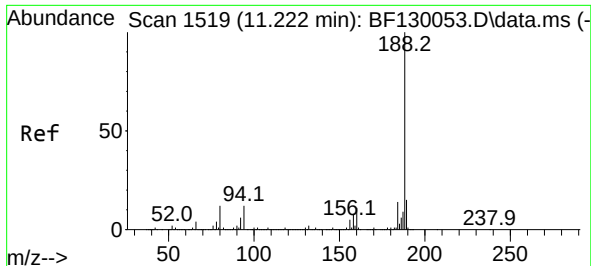
Tgt Ion:330 Resp: 686883
Ion Ratio Lower Upper
330 100
332 103.4 82.6 124.0
141 31.5 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 92.372 ng
RT: 9.063 min Scan# 1152
Delta R.T. -0.006 min
Lab File: BF130084.D
Acq: 01 Sep 2022 18:42

Tgt Ion:172 Resp: 2744499
Ion Ratio Lower Upper
172 100
171 36.0 28.4 42.6
170 24.3 19.1 28.7

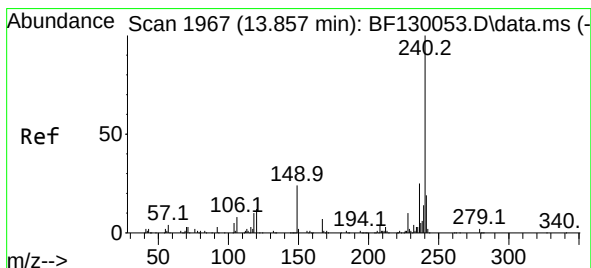
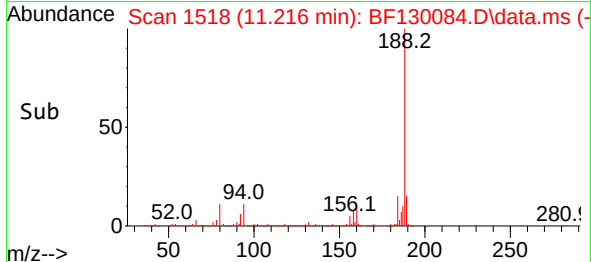
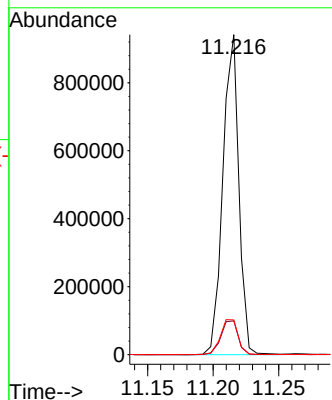
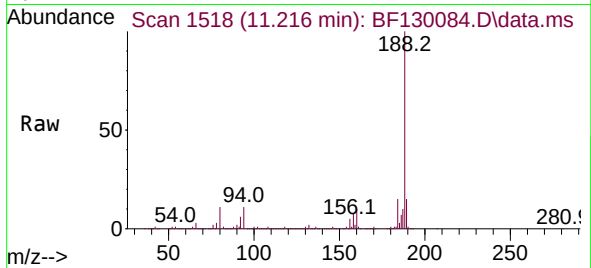




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.216 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130084.D
Acq: 01 Sep 2022 18:42

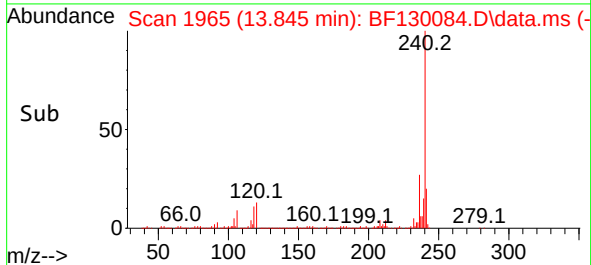
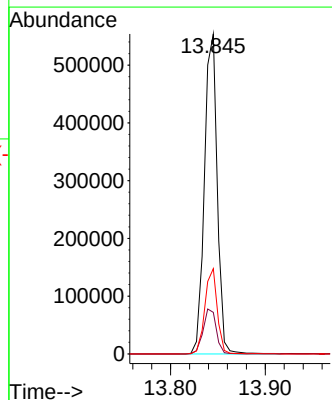
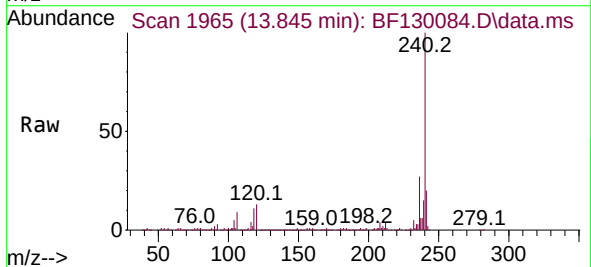
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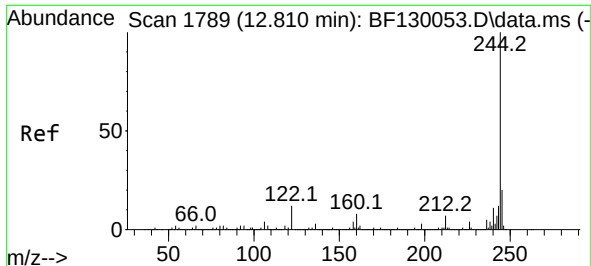
Tgt Ion:188 Resp: 800200
Ion Ratio Lower Upper
188 100
94 10.5 7.4 11.2
80 10.8 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.845 min Scan# 1965
Delta R.T. -0.012 min
Lab File: BF130084.D
Acq: 01 Sep 2022 18:42

Tgt Ion:240 Resp: 522420
Ion Ratio Lower Upper
240 100
120 13.0 9.2 13.8
236 26.6 20.7 31.1

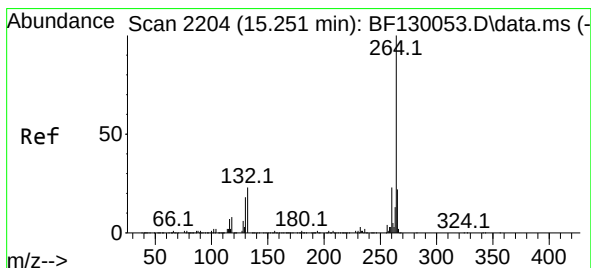
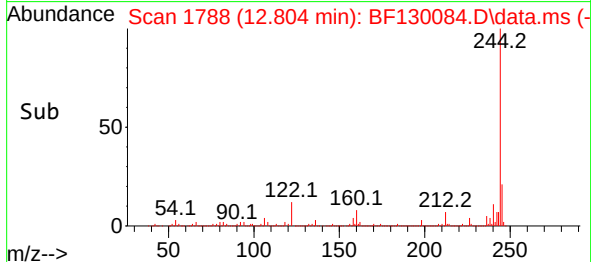
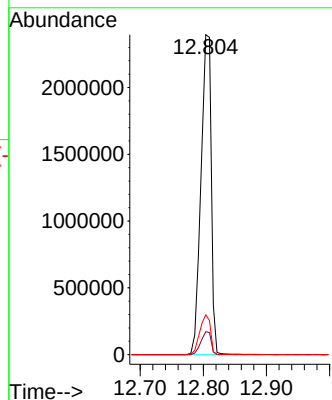
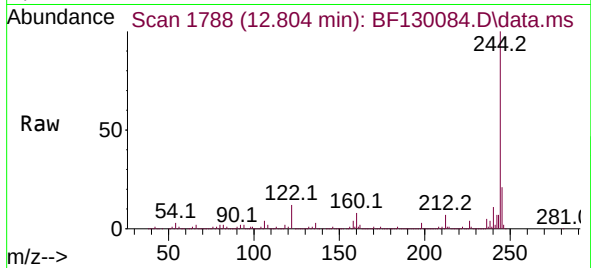




#79
 Terphenyl-d14
 Concen: 90.195 ng
 RT: 12.804 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF130084.D
 Acq: 01 Sep 2022 18:42

Instrument :
 BNA_F
 ClientSampleId :
 265751-1

Tgt Ion:244 Resp: 2717218
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 12.4 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.245 min Scan# 2203
 Delta R.T. -0.006 min
 Lab File: BF130084.D
 Acq: 01 Sep 2022 18:42

Tgt Ion:264 Resp: 442792
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.1 28.7
 265 21.9 16.7 25.1

