

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090222\
 Data File : BF130122.D
 Acq On : 02 Sep 2022 21:02
 Operator : CG\JU
 Sample : N4478-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FRAC-TANK-SV28486

Quant Time: Sep 03 05:51:58 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	211461	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	837297	20.000	ng	#-0.01
39) Acenaphthene-d10	9.733	164	437375	20.000	ng	-0.01
64) Phenanthrene-d10	11.216	188	691770	20.000	ng	0.00
76) Chrysene-d12	13.839	240	440532	20.000	ng	#-0.02
86) Perylene-d12	15.245	264	410405	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.304	112	867082	69.611	ng	0.00
7) Phenol-d6	6.328	99	671141	43.218	ng	-0.02
23) Nitrobenzene-d5	7.269	82	1301527	99.898	ng	-0.01
42) 2,4,6-Tribromophenol	10.522	330	601964	151.197	ng	-0.01
45) 2-Fluorobiphenyl	9.063	172	2264813	85.852	ng	0.00
79) Terphenyl-d14	12.804	244	2192524	86.307	ng	0.00

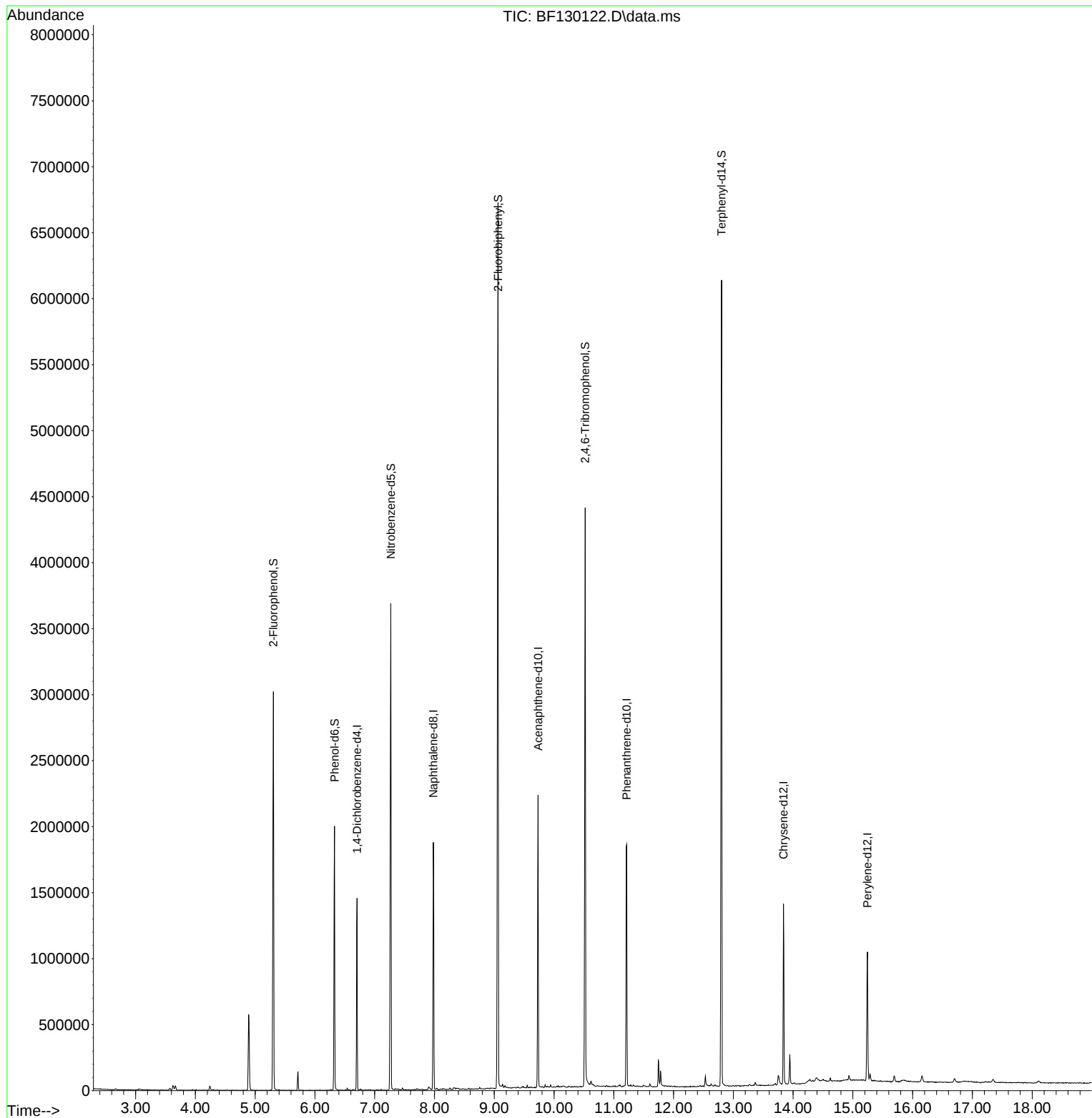
Target Compounds	Qvalue

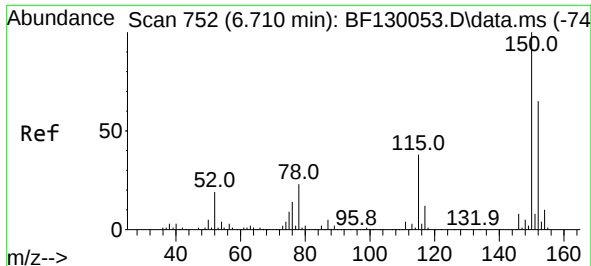
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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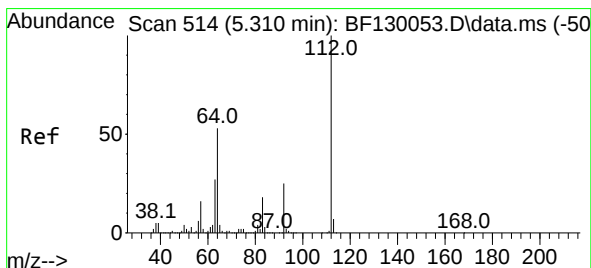
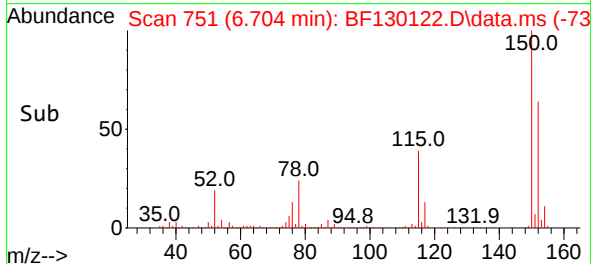
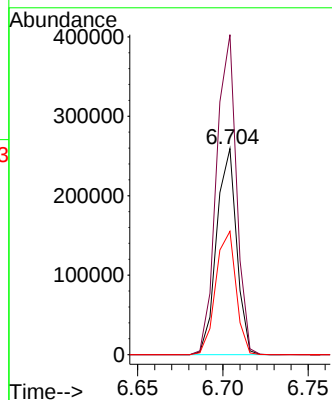
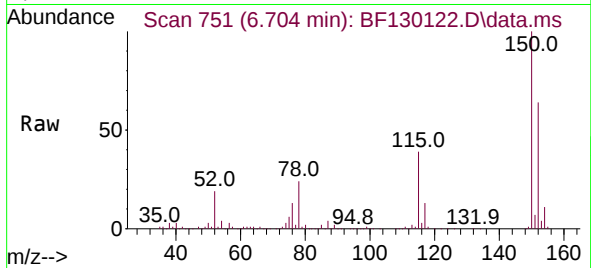




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.704 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130122.D
Acq: 02 Sep 2022 21:02

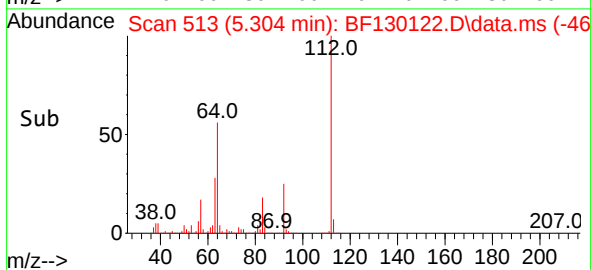
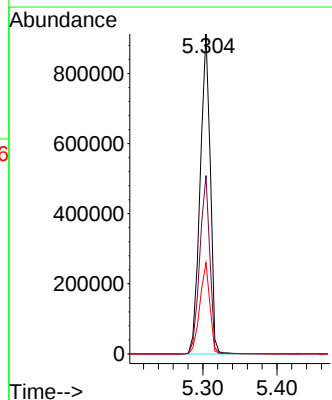
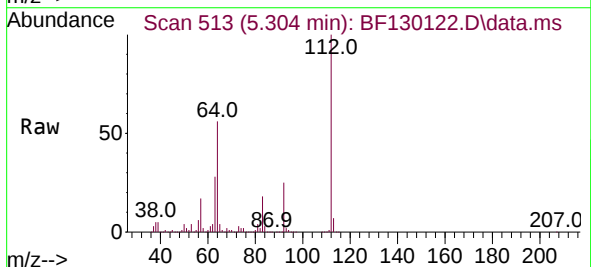
Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-SV28486

Tgt Ion:152 Resp: 211461
Ion Ratio Lower Upper
152 100
150 155.3 126.9 190.3
115 59.9 53.4 80.0



#5
2-Fluorophenol
Concen: 69.611 ng
RT: 5.304 min Scan# 513
Delta R.T. -0.006 min
Lab File: BF130122.D
Acq: 02 Sep 2022 21:02

Tgt Ion:112 Resp: 867082
Ion Ratio Lower Upper
112 100
64 55.7 47.6 71.4
63 28.5 24.6 37.0

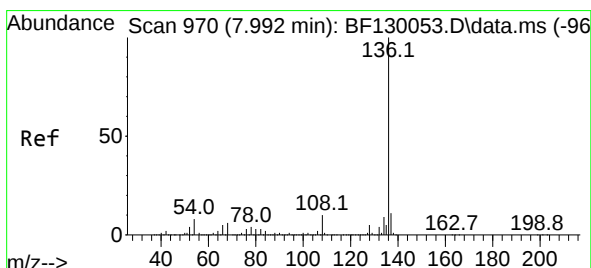
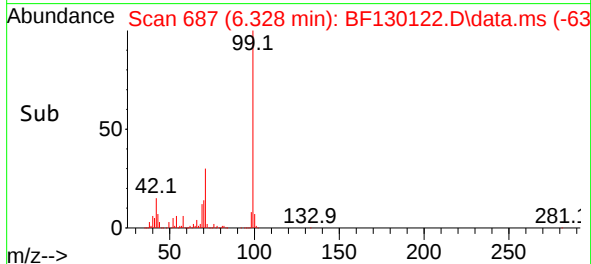
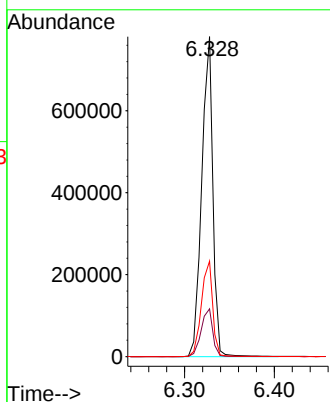
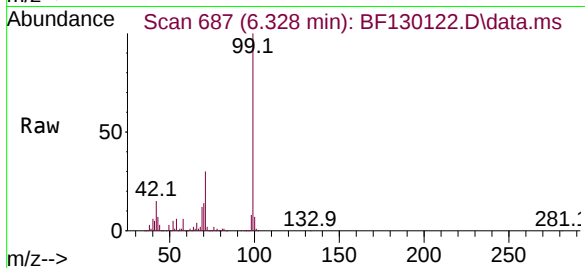




#7
Phenol-d6
Concen: 43.218 ng
RT: 6.328 min Scan# 687
Delta R.T. -0.018 min
Lab File: BF130122.D
Acq: 02 Sep 2022 21:02

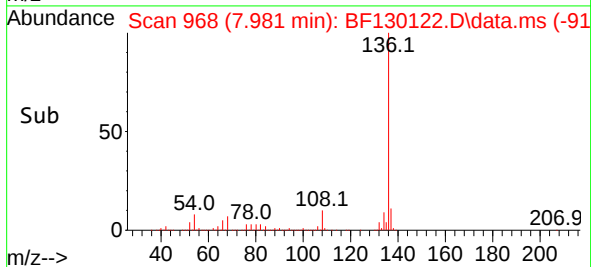
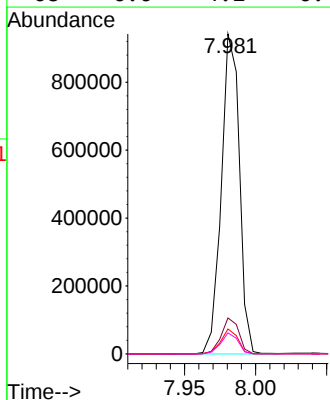
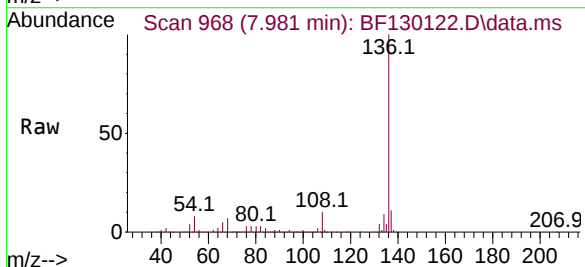
Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-SV28486

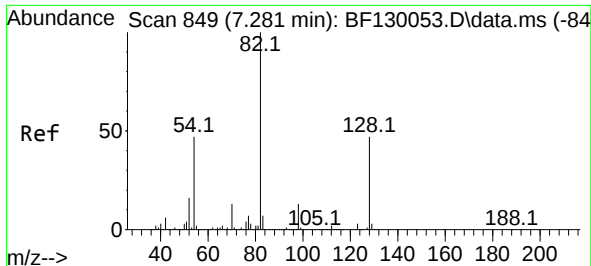
Tgt Ion: 99 Resp: 671141
Ion Ratio Lower Upper
99 100
42 14.9 15.0 22.4#
71 29.8 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.981 min Scan# 968
Delta R.T. -0.011 min
Lab File: BF130122.D
Acq: 02 Sep 2022 21:02

Tgt Ion: 136 Resp: 837297
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 7.8 6.2 9.2
68 6.6 4.2 6.4#

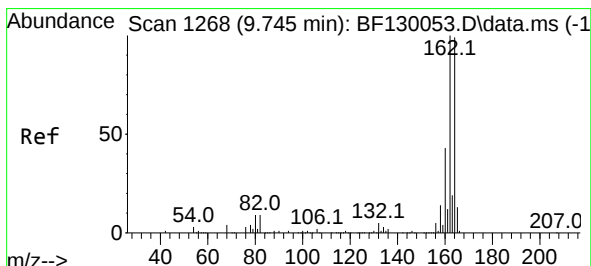
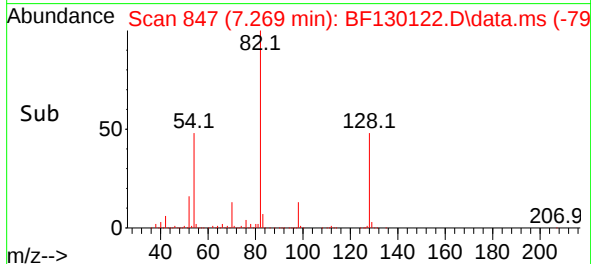
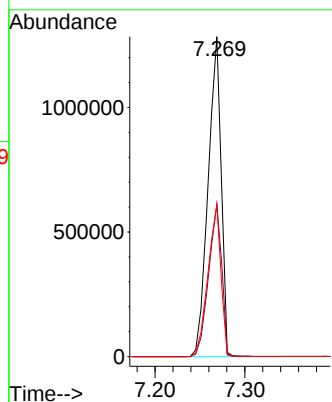
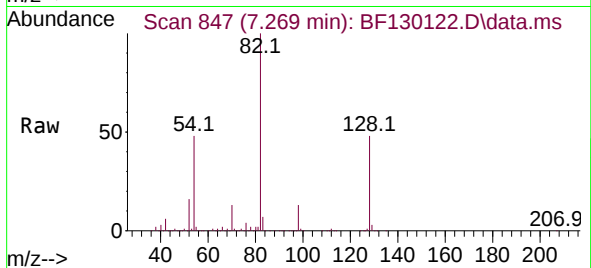




#23
Nitrobenzene-d5
Concen: 99.898 ng
RT: 7.269 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF130122.D
Acq: 02 Sep 2022 21:02

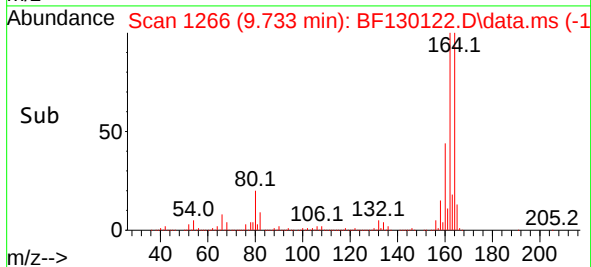
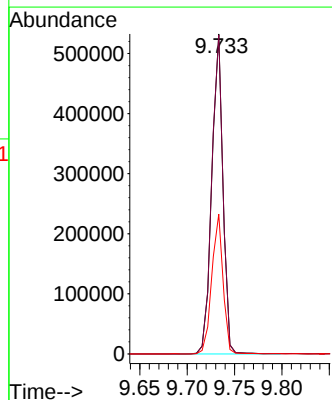
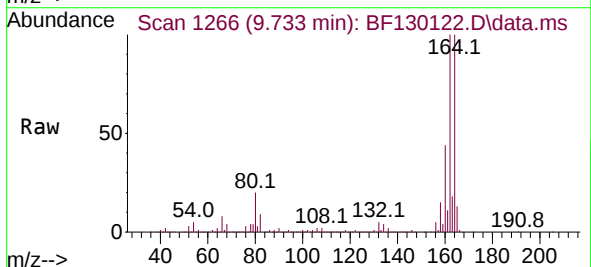
Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-SV28486

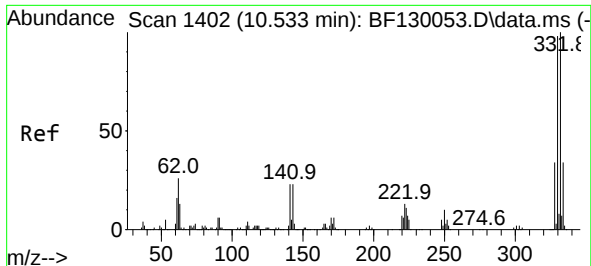
Tgt Ion: 82 Resp: 1301527
Ion Ratio Lower Upper
82 100
128 47.6 36.1 54.1
54 47.5 40.0 60.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.733 min Scan# 1266
Delta R.T. -0.012 min
Lab File: BF130122.D
Acq: 02 Sep 2022 21:02

Tgt Ion:164 Resp: 437375
Ion Ratio Lower Upper
164 100
162 99.7 82.0 123.0
160 43.7 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 151.197 ng

RT: 10.522 min Scan# 1402

Delta R.T. -0.012 min

Lab File: BF130122.D

Acq: 02 Sep 2022 21:02

Instrument :

BNA_F

ClientSampleId :

FRAC-TANK-SV28486

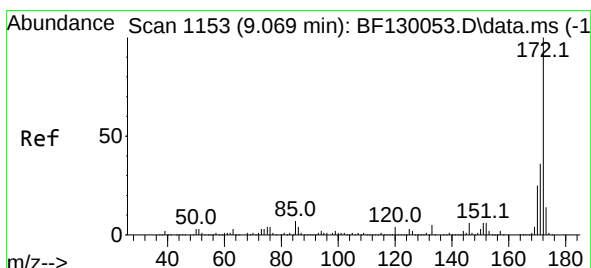
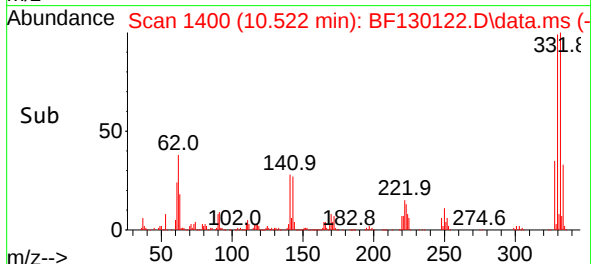
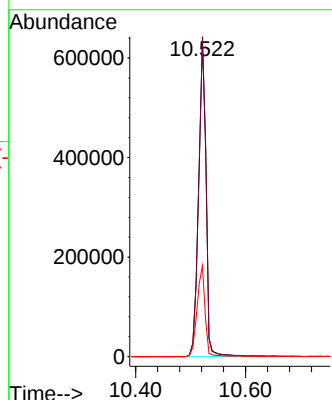
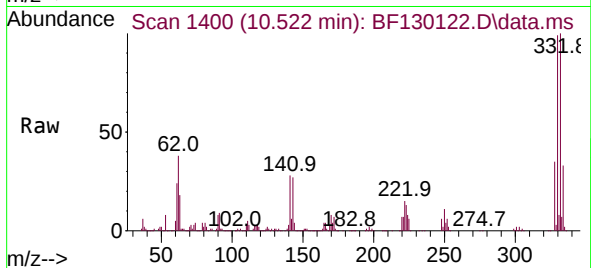
Tgt Ion:330 Resp: 601964

Ion Ratio Lower Upper

330 100

332 100.8 82.6 124.0

141 30.6 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 85.852 ng

RT: 9.063 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF130122.D

Acq: 02 Sep 2022 21:02

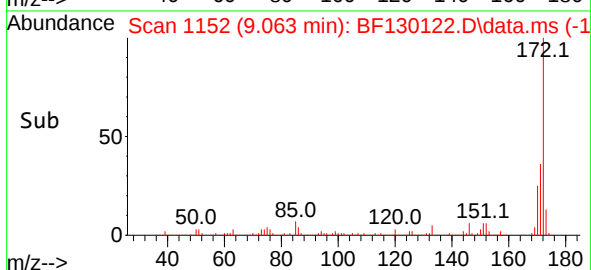
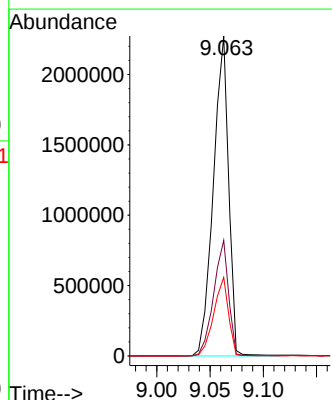
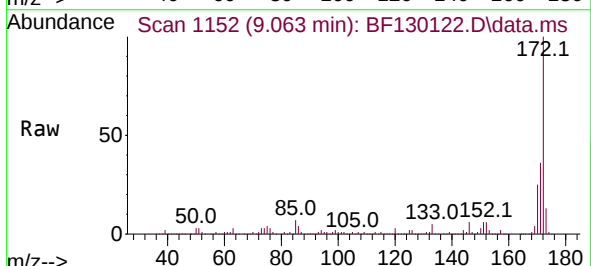
Tgt Ion:172 Resp: 2264813

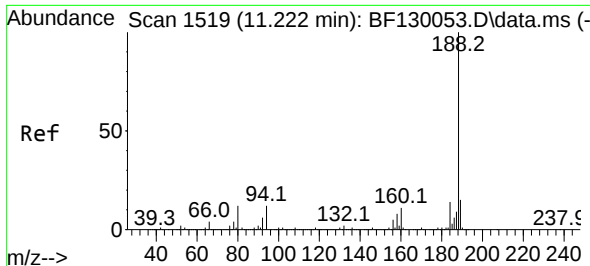
Ion Ratio Lower Upper

172 100

171 36.1 28.4 42.6

170 24.5 19.1 28.7

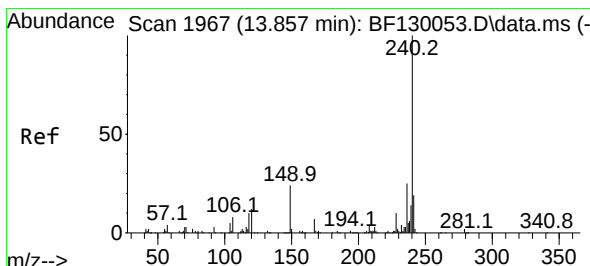
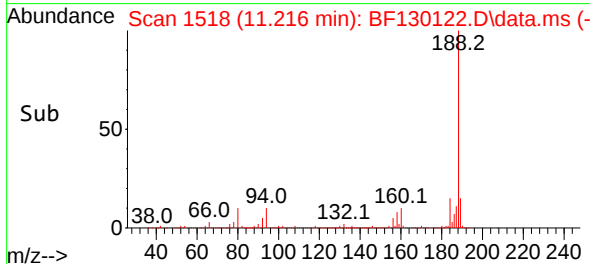
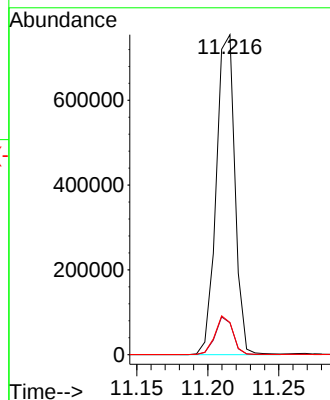
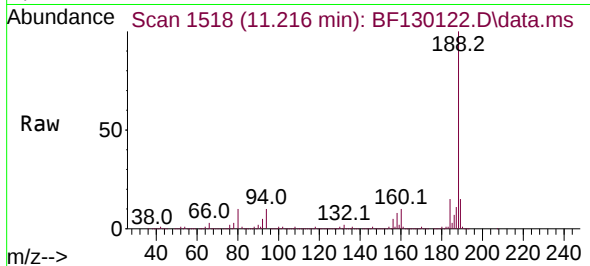




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.216 min Scan# 1518
Delta R.T. -0.006 min
Lab File: BF130122.D
Acq: 02 Sep 2022 21:02

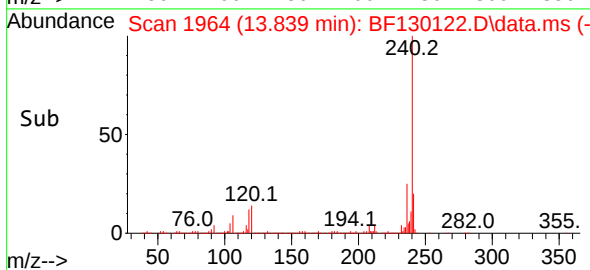
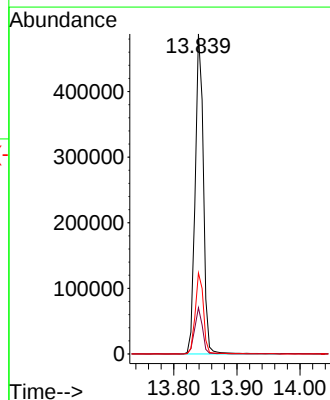
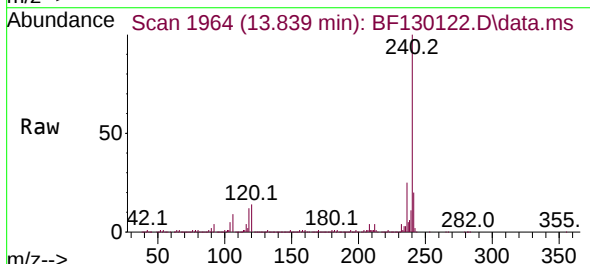
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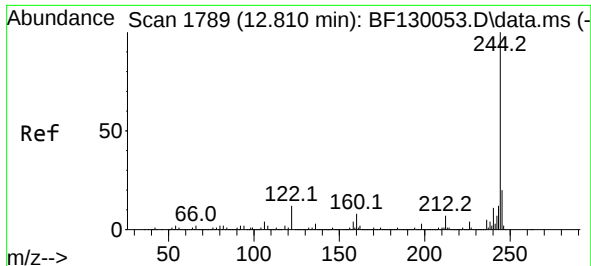
Tgt Ion:188 Resp: 691770
Ion Ratio Lower Upper
188 100
94 9.9 7.4 11.2
80 10.0 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.839 min Scan# 1964
Delta R.T. -0.018 min
Lab File: BF130122.D
Acq: 02 Sep 2022 21:02

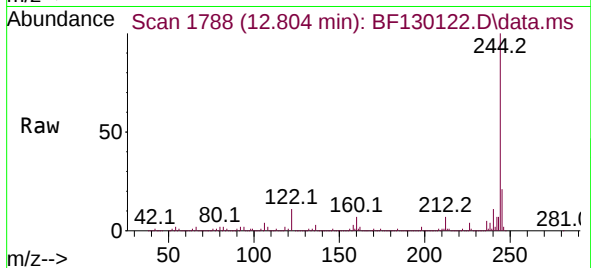
Tgt Ion:240 Resp: 440532
Ion Ratio Lower Upper
240 100
120 14.4 9.2 13.8#
236 25.3 20.7 31.1



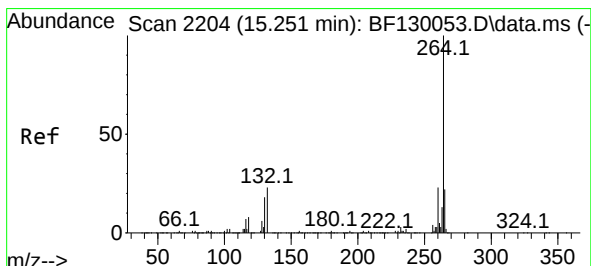
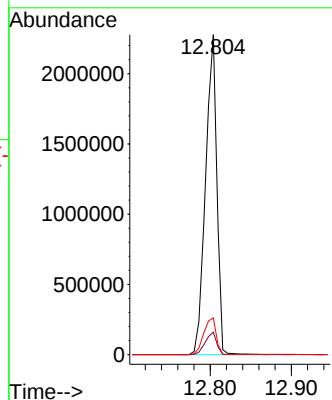
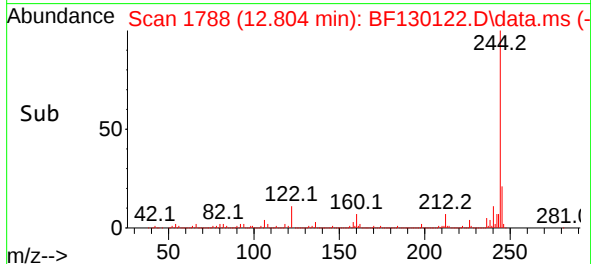


#79
 Terphenyl-d14
 Concen: 86.307 ng
 RT: 12.804 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF130122.D
 Acq: 02 Sep 2022 21:02

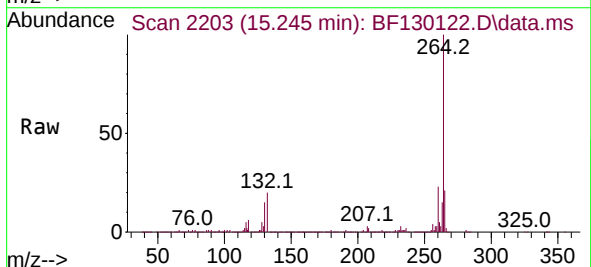
Instrument :
 BNA_F
 ClientSampleId :
 FRAC-TANK-SV28486



Tgt Ion:244 Resp: 2192524
 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: 15.245 min Scan# 2203
 Delta R.T. -0.006 min
 Lab File: BF130122.D
 Acq: 02 Sep 2022 21:02



Tgt Ion:264 Resp: 410405
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.1 28.7
 265 21.2 16.7 25.1

