

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112922\
 Data File : BF131456.D
 Acq On : 29 Nov 2022 14:54
 Operator : CG\JU
 Sample : N5752-25
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Nov 30 01:05:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 00:18:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	174276	20.000	ng	0.00
21) Naphthalene-d8	8.233	136	652991	20.000	ng	-0.01
39) Acenaphthene-d10	9.998	164	367355	20.000	ng	-0.01
64) Phenanthrene-d10	11.498	188	648921	20.000	ng	0.00
76) Chrysene-d12	14.151	240	488506	20.000	ng	#-0.02
86) Perylene-d12	15.686	264	378535	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1076880	117.603	ng	0.02
7) Phenol-d6	6.569	99	1074061	91.932	ng	0.00
23) Nitrobenzene-d5	7.516	82	1161706	89.680	ng	-0.01
42) 2,4,6-Tribromophenol	10.798	330	504476	163.230	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	2022212	80.085	ng	-0.01
79) Terphenyl-d14	13.098	244	2035569	68.140	ng	0.00

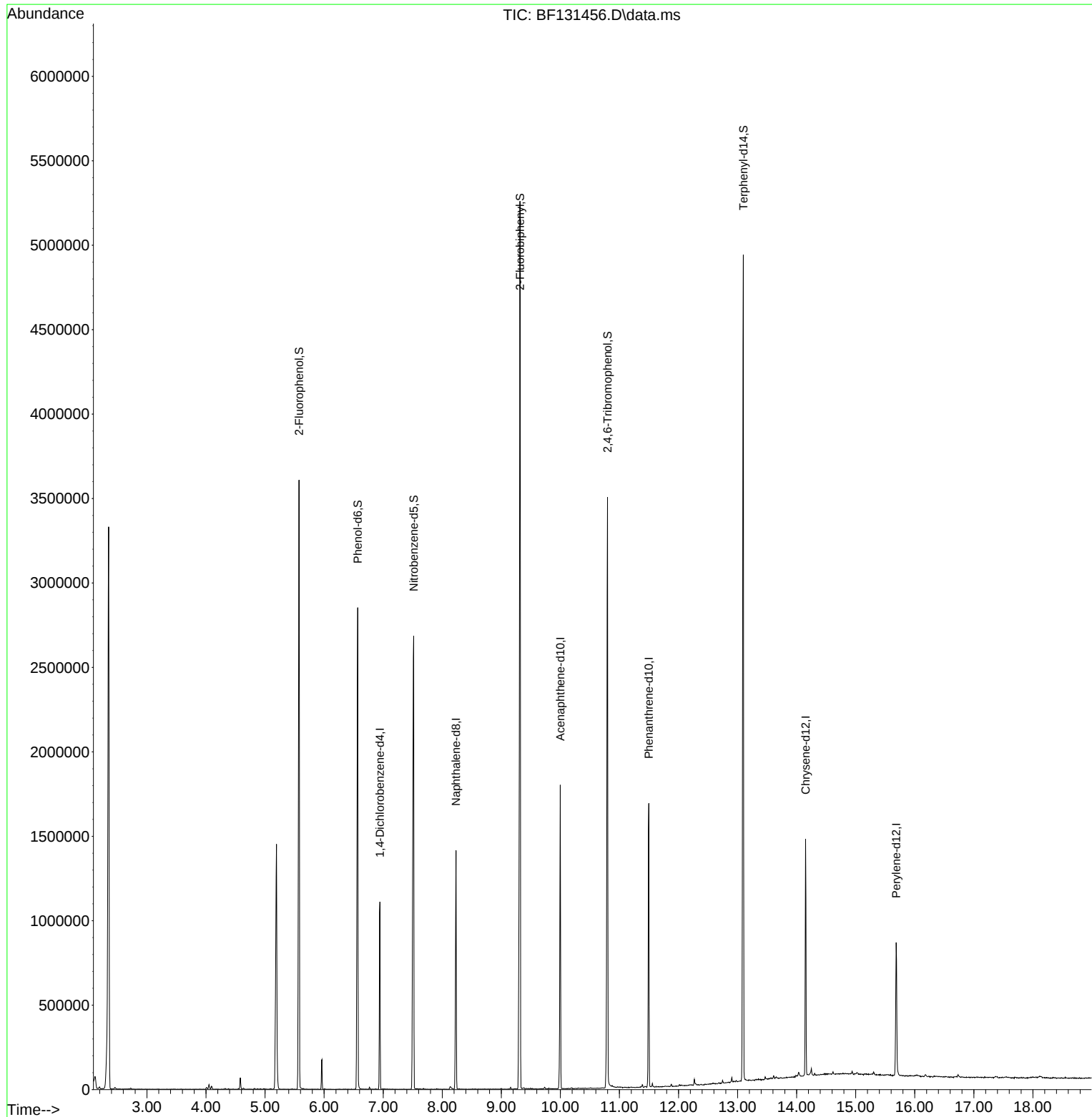
Target Compounds	Qvalue

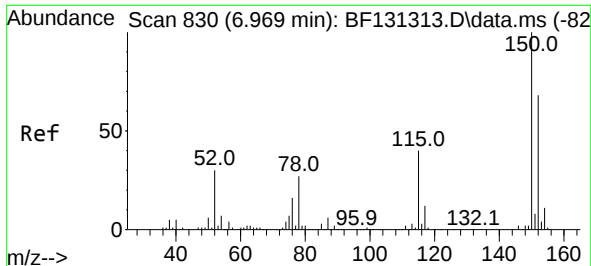
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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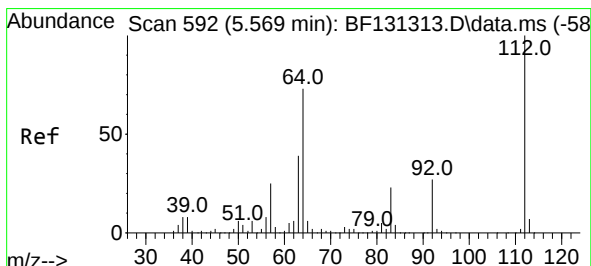
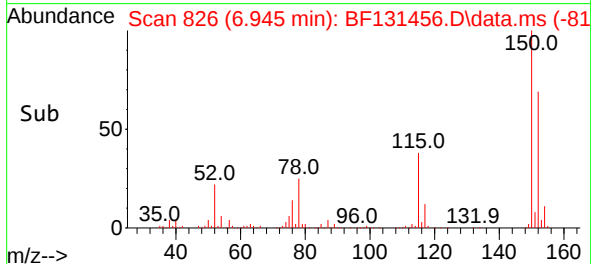
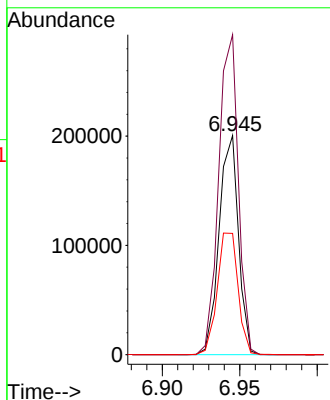
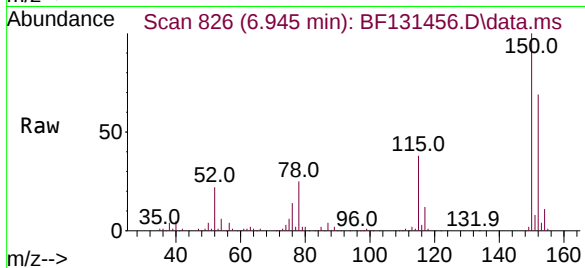




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.945 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF131456.D
 Acq: 29 Nov 2022 14:54

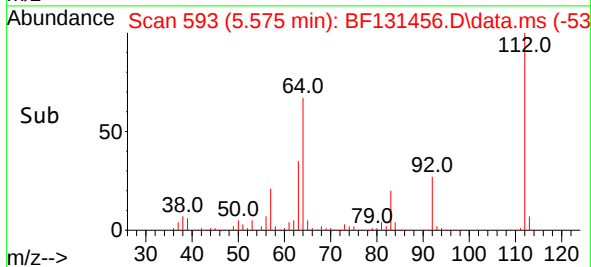
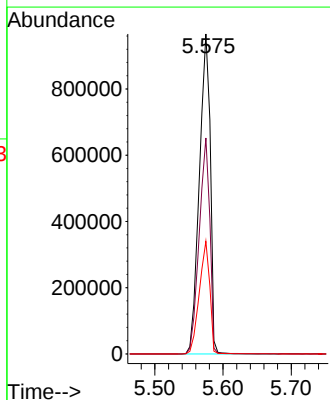
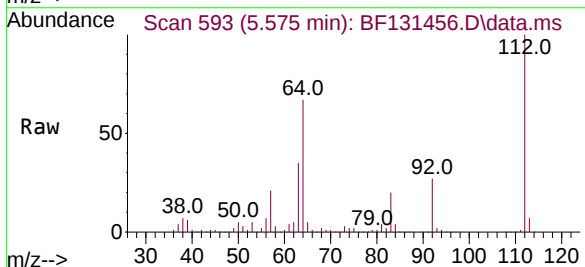
Instrument :
 BNA_F
 ClientSampleId :
 TP-1

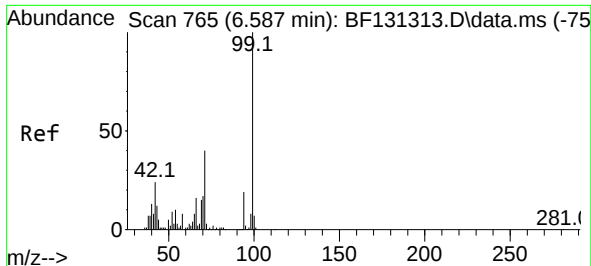
Tgt Ion:152 Resp: 174276
 Ion Ratio Lower Upper
 152 100
 150 146.0 117.8 176.8
 115 55.3 47.1 70.7



#5
 2-Fluorophenol
 Concen: 117.603 ng
 RT: 5.575 min Scan# 593
 Delta R.T. 0.018 min
 Lab File: BF131456.D
 Acq: 29 Nov 2022 14:54

Tgt Ion:112 Resp: 1076880
 Ion Ratio Lower Upper
 112 100
 64 67.5 58.6 88.0
 63 35.2 31.4 47.0



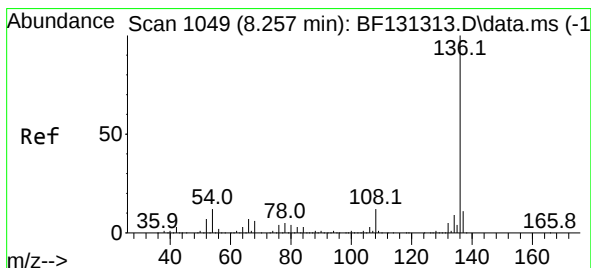
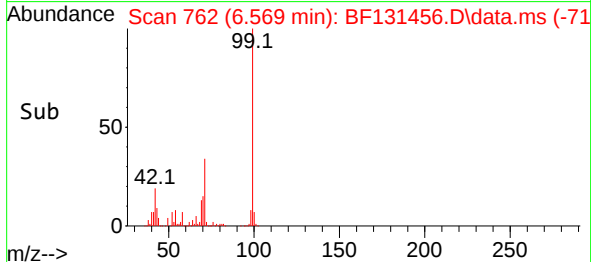
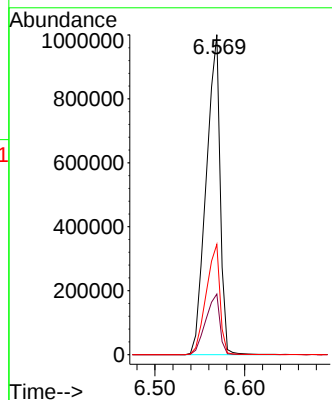
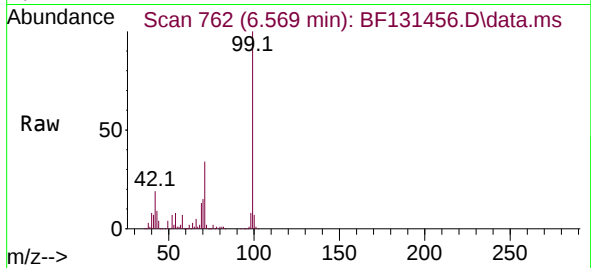


#7
Phenol-d6
Concen: 91.932 ng
RT: 6.569 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF131456.D
Acq: 29 Nov 2022 14:54

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion: 99 Resp: 1074061

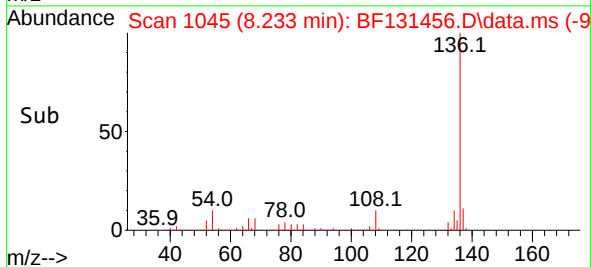
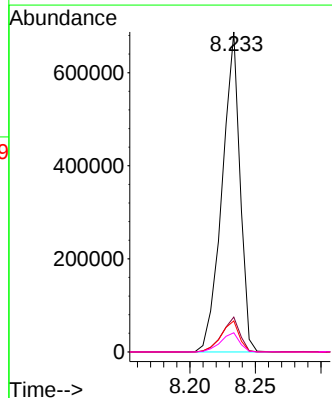
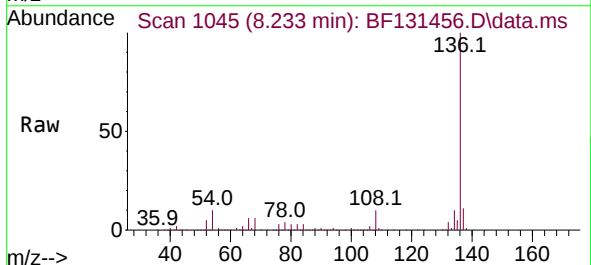
Ion	Ratio	Lower	Upper
99	100		
42	18.9	19.4	29.2#
71	34.4	32.3	48.5

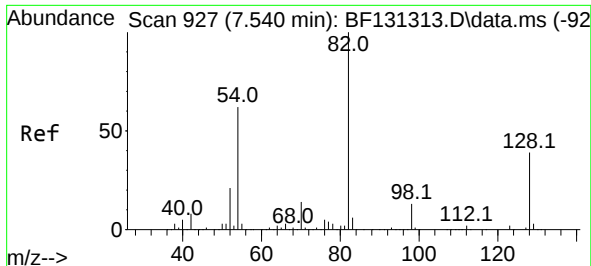


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.233 min Scan# 1045
Delta R.T. -0.012 min
Lab File: BF131456.D
Acq: 29 Nov 2022 14:54

Tgt Ion: 136 Resp: 652991

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	9.7	9.4	14.0
68	6.0	4.5	6.7

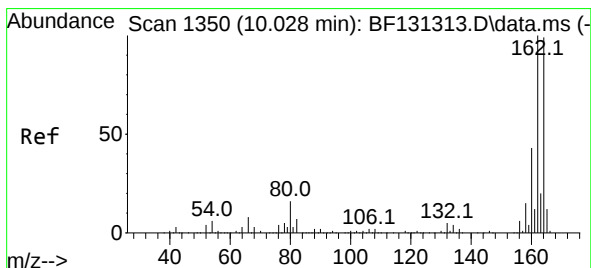
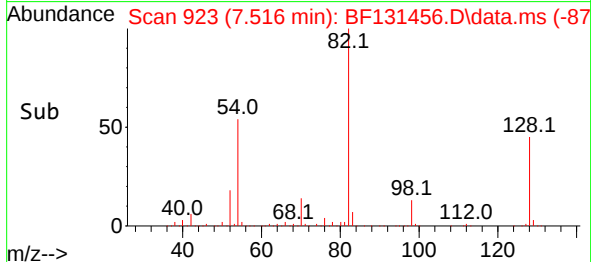
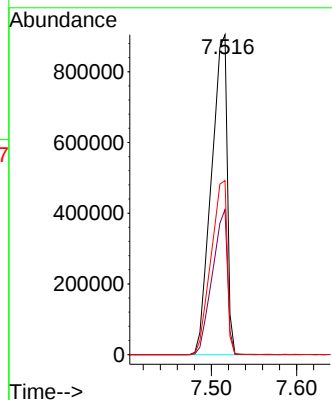
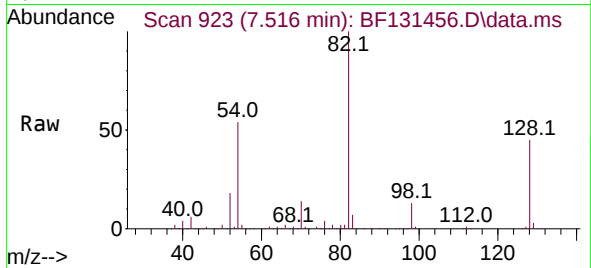




#23
Nitrobenzene-d5
Concen: 89.680 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF131456.D
Acq: 29 Nov 2022 14:54

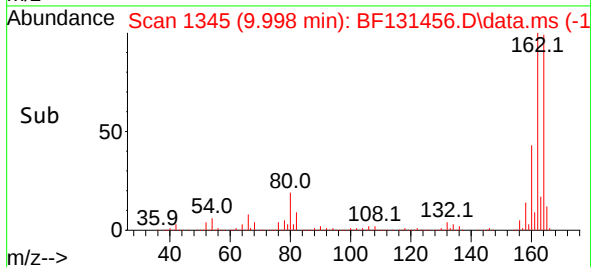
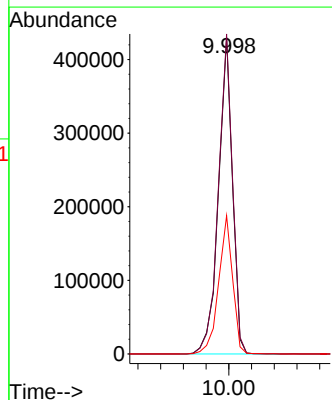
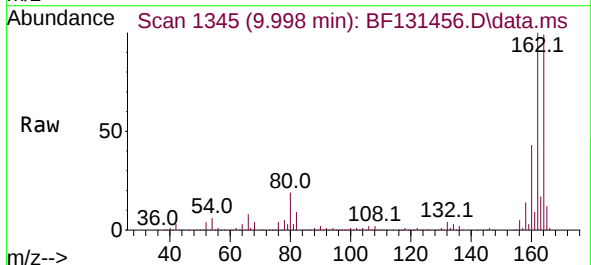
Instrument :
BNA_F
ClientSampleId :
TP-1

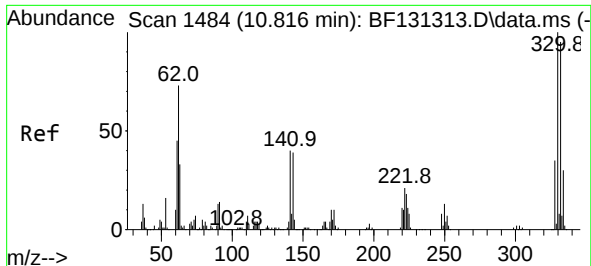
Tgt Ion: 82 Resp: 1161706
Ion Ratio Lower Upper
82 100
128 45.3 31.4 47.0
54 54.4 49.8 74.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1345
Delta R.T. -0.012 min
Lab File: BF131456.D
Acq: 29 Nov 2022 14:54

Tgt Ion:164 Resp: 367355
Ion Ratio Lower Upper
164 100
162 101.0 80.6 120.8
160 43.6 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 163.230 ng

RT: 10.798 min Scan# 1484

Delta R.T. -0.006 min

Lab File: BF131456.D

Acq: 29 Nov 2022 14:54

Instrument :

BNA_F

ClientSampleId :

TP-1

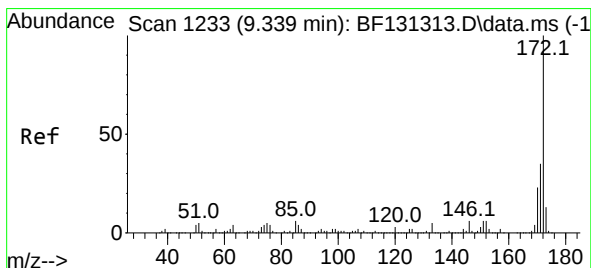
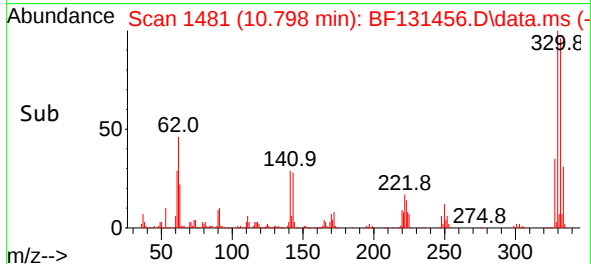
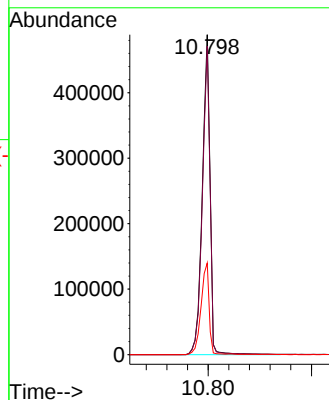
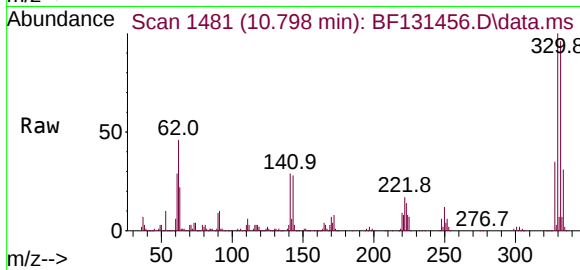
Tgt Ion:330 Resp: 504476

Ion Ratio Lower Upper

330 100

332 95.9 77.5 116.3

141 30.1 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 80.085 ng

RT: 9.316 min Scan# 1229

Delta R.T. -0.012 min

Lab File: BF131456.D

Acq: 29 Nov 2022 14:54

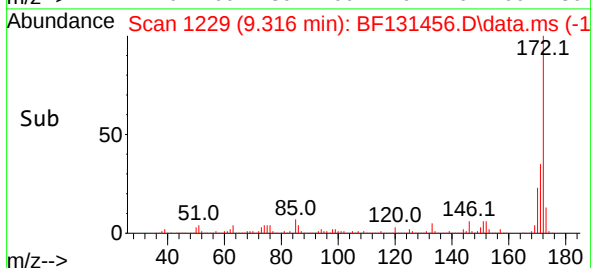
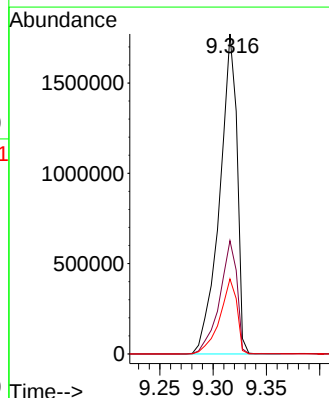
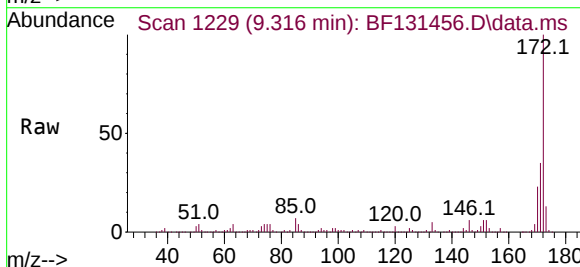
Tgt Ion:172 Resp: 2022212

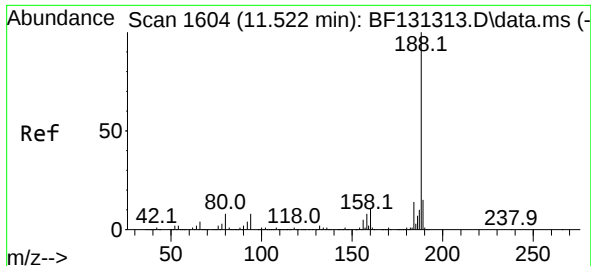
Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.2

170 23.4 18.7 28.1

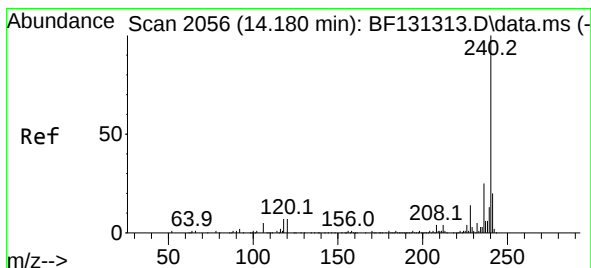
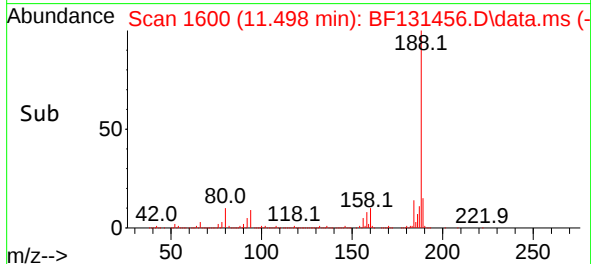
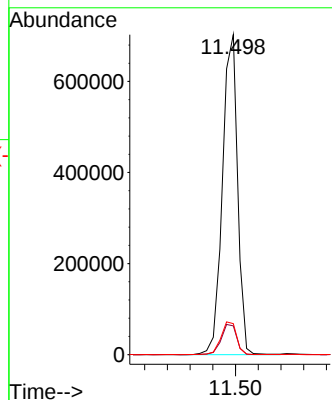
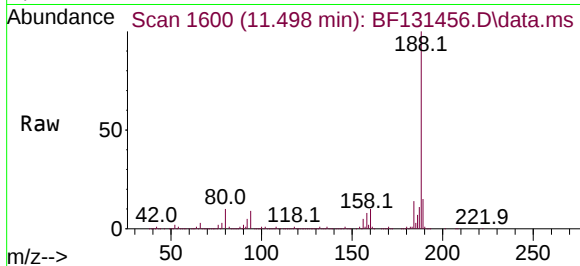




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF131456.D
Acq: 29 Nov 2022 14:54

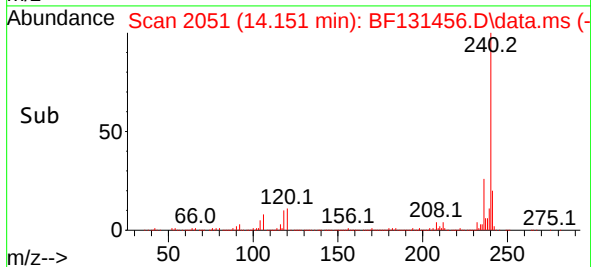
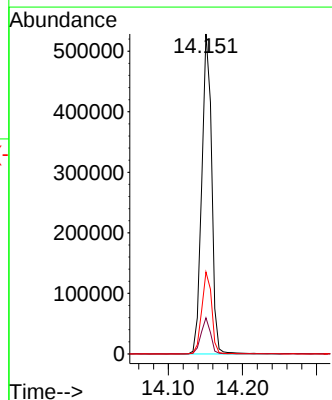
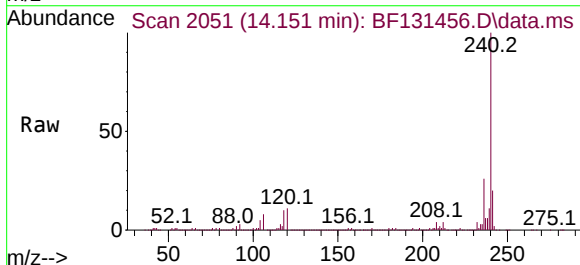
Instrument :
BNA_F
ClientSampleId :
TP-1

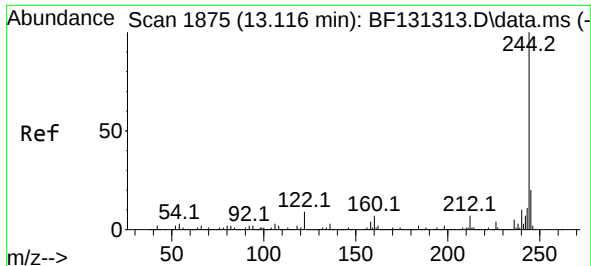
Tgt Ion:188 Resp: 648921
Ion Ratio Lower Upper
188 100
94 9.0 6.3 9.5
80 9.7 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 2051
Delta R.T. -0.018 min
Lab File: BF131456.D
Acq: 29 Nov 2022 14:54

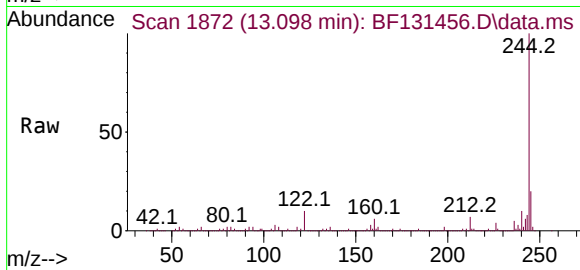
Tgt Ion:240 Resp: 488506
Ion Ratio Lower Upper
240 100
120 11.3 5.8 8.8#
236 25.6 20.3 30.5





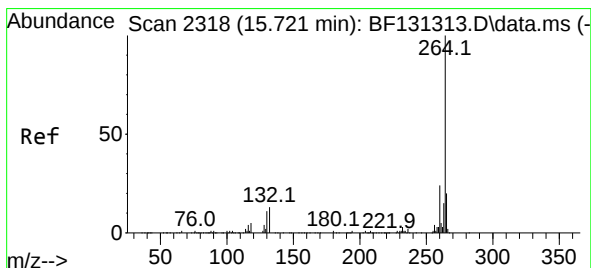
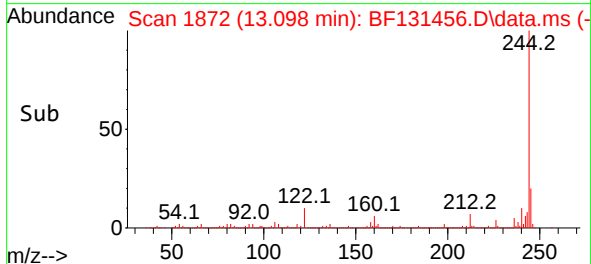
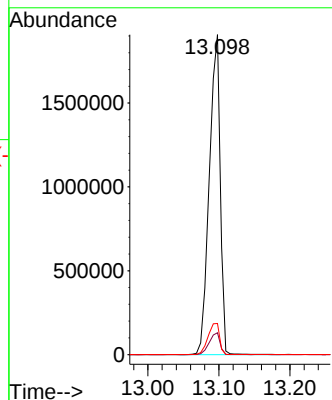
#79
 Terphenyl-d14
 Concen: 68.140 ng
 RT: 13.098 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: BF131456.D
 Acq: 29 Nov 2022 14:54

Instrument :
 BNA_F
 ClientSampleId :
 TP-1



Tgt Ion:244 Resp: 2035569

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.9	8.9
122	9.7	7.5	11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.686 min Scan# 2312
 Delta R.T. -0.012 min
 Lab File: BF131456.D
 Acq: 29 Nov 2022 14:54

Tgt Ion:264 Resp: 378535

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.4
265	21.9	16.4	24.6

