

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031523\
 Data File : BF132798.D
 Acq On : 15 Mar 2023 12:25
 Operator : CG\JU
 Sample : PB151405BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151405BL

Quant Time: Mar 15 12:55:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 14 15:35:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	217423	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	767731	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	469379	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	924411	20.000	ng	0.00
76) Chrysene-d12	14.157	240	578774	20.000	ng	0.00
86) Perylene-d12	15.686	264	360251	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.610	112	1611012	120.255	ng	0.02
7) Phenol-d6	6.604	99	2111070	120.745	ng	0.00
23) Nitrobenzene-d5	7.534	82	1387200	85.726	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	624613	123.220	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	2251857	73.050	ng	0.00
79) Terphenyl-d14	13.092	244	2966710	86.665	ng	0.00

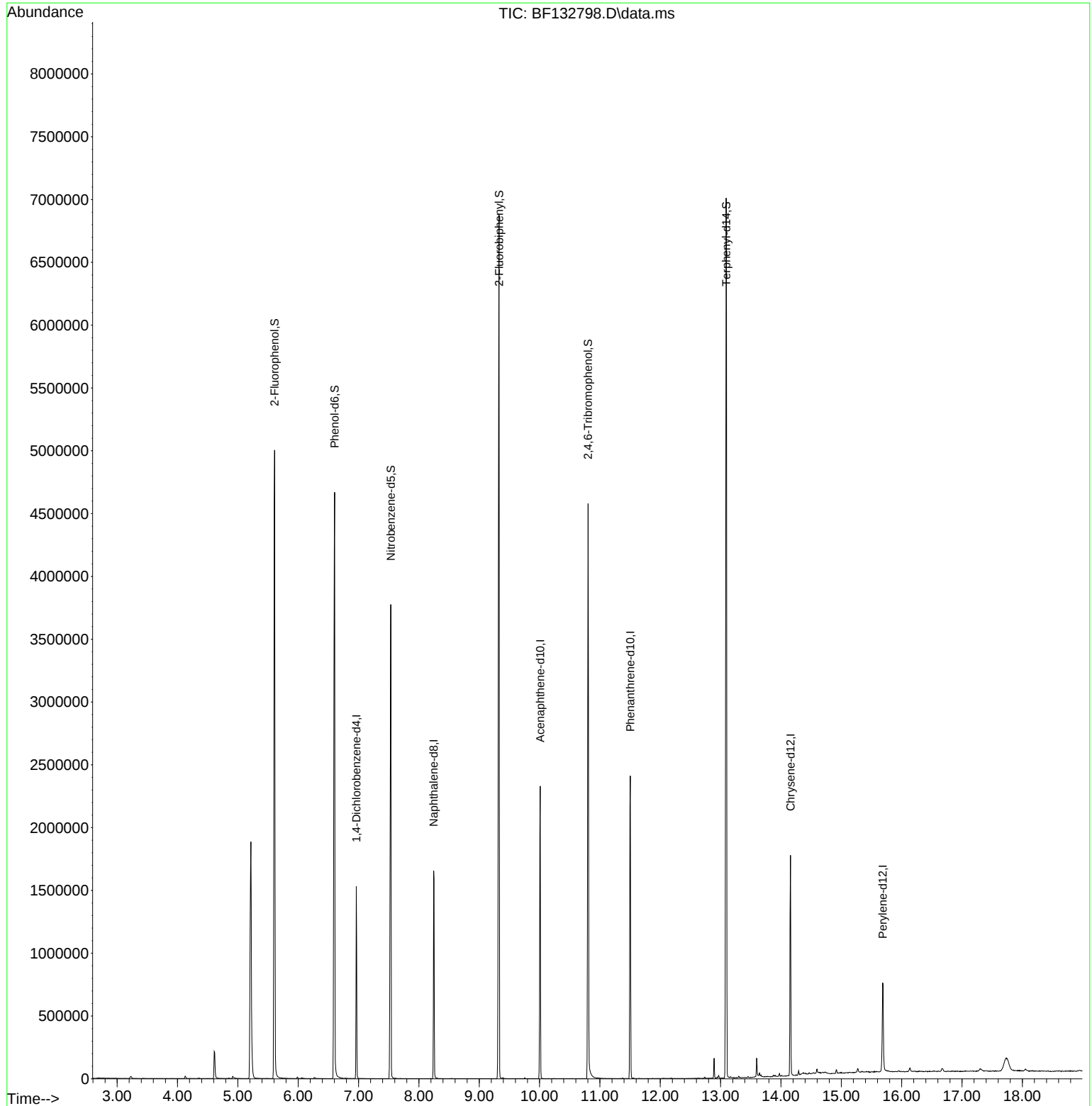
Target Compounds	Qvalue

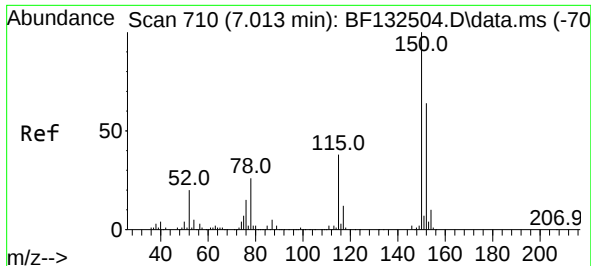
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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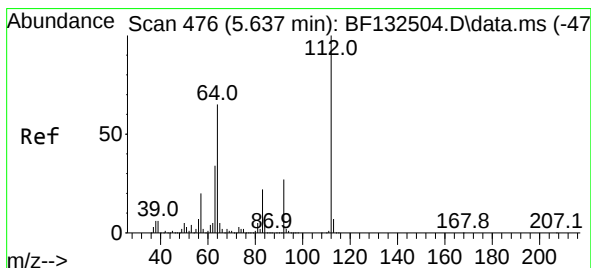
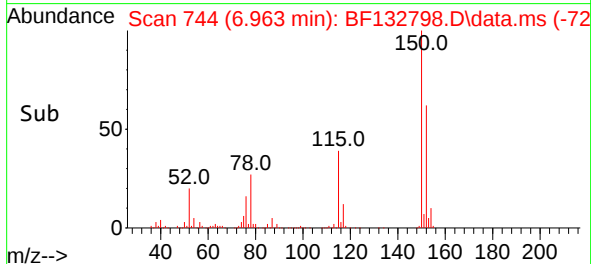
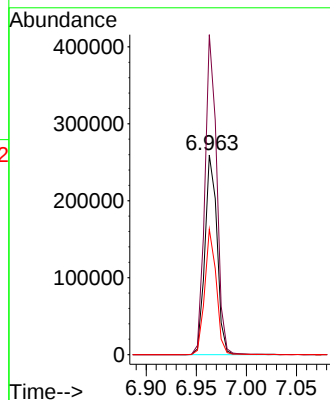
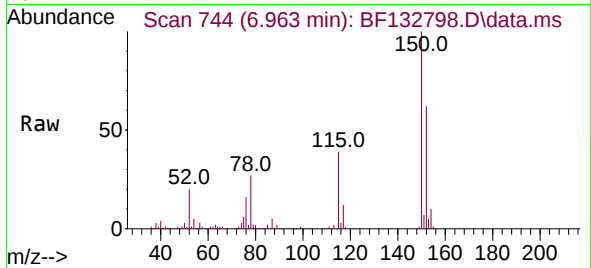




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF132798.D
Acq: 15 Mar 2023 12:25

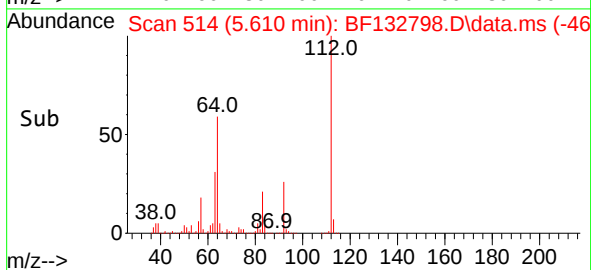
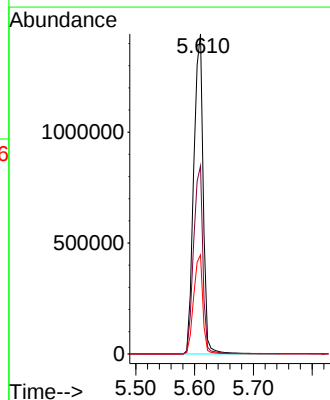
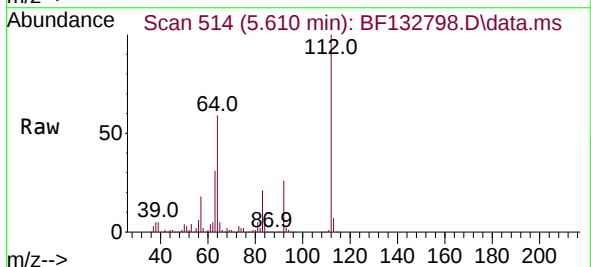
Instrument :
BNA_F
ClientSampleId :
PB151405BL

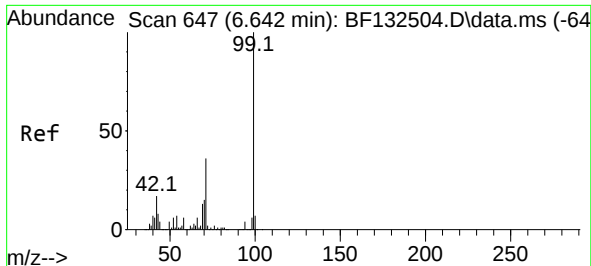
Tgt Ion:152 Resp: 217423
Ion Ratio Lower Upper
152 100
150 160.4 125.4 188.2
115 62.8 47.8 71.6



#5
2-Fluorophenol
Concen: 120.255 ng
RT: 5.610 min Scan# 514
Delta R.T. 0.018 min
Lab File: BF132798.D
Acq: 15 Mar 2023 12:25

Tgt Ion:112 Resp: 1611012
Ion Ratio Lower Upper
112 100
64 58.7 51.6 77.4
63 30.9 27.4 41.2



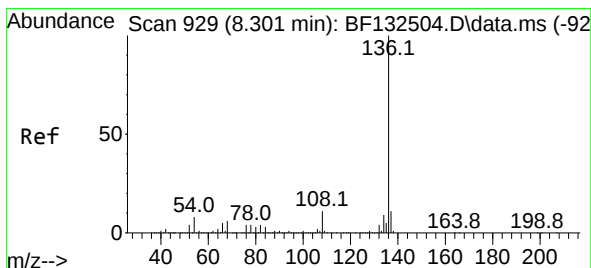
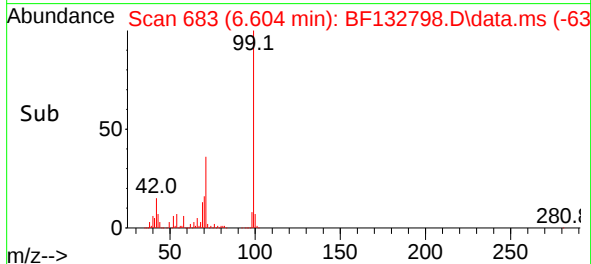
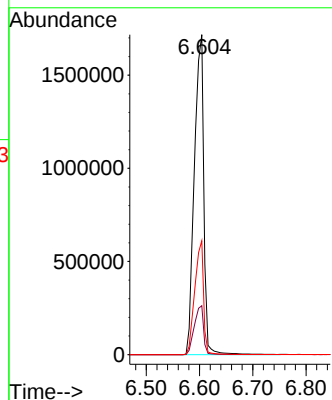
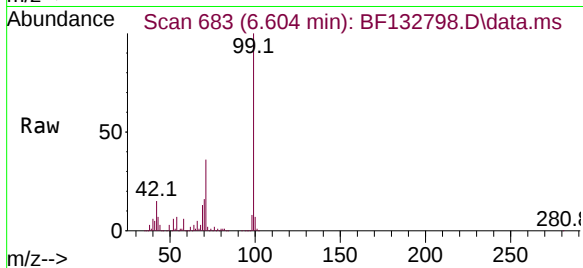


#7
Phenol-d6
Concen: 120.745 ng
RT: 6.604 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF132798.D
Acq: 15 Mar 2023 12:25

Instrument :
BNA_F
ClientSampleId :
PB151405BL

Tgt Ion: 99 Resp: 2111070

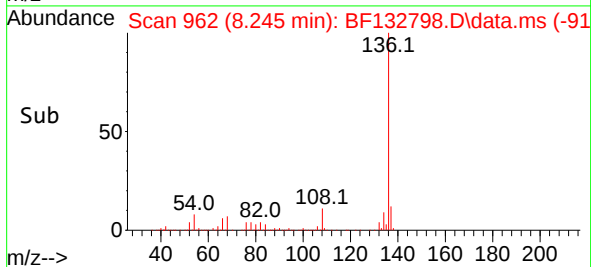
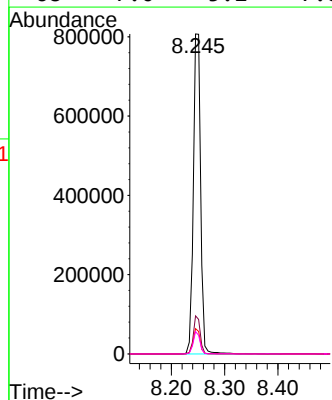
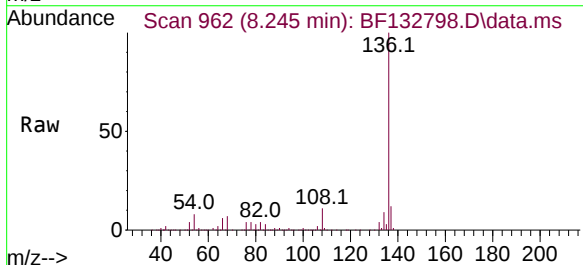
Ion	Ratio	Lower	Upper
99	100		
42	15.3	13.9	20.9
71	35.6	28.5	42.7

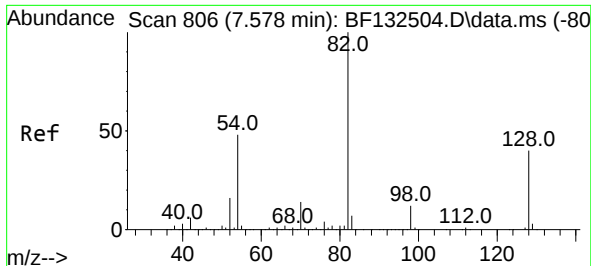


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF132798.D
Acq: 15 Mar 2023 12:25

Tgt Ion: 136 Resp: 767731

Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.9	13.3
54	7.9	6.2	9.4
68	7.0	5.2	7.8





#23

Nitrobenzene-d5

Concen: 85.726 ng

RT: 7.534 min Scan# 841

Delta R.T. -0.006 min

Lab File: BF132798.D

Acq: 15 Mar 2023 12:25

Instrument :

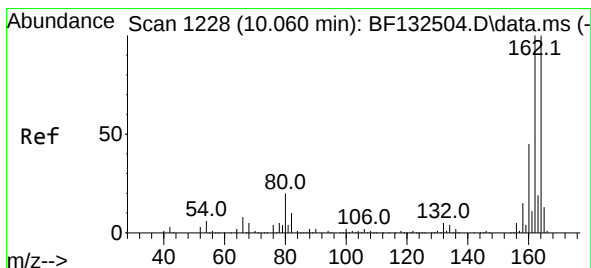
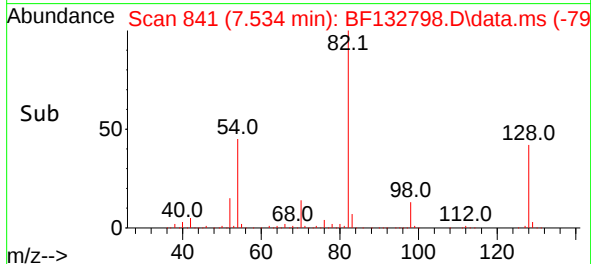
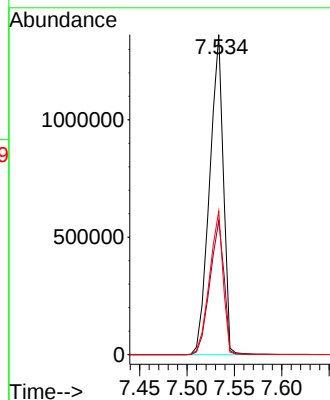
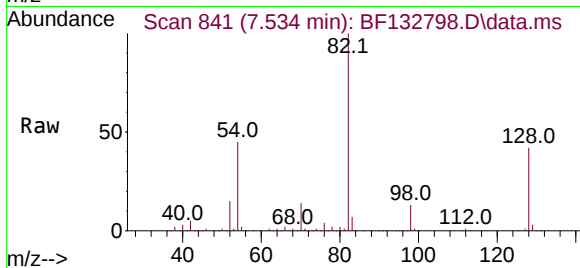
BNA_F

ClientSampleId :

PB151405BL

Tgt Ion: 82 Resp: 1387200

Ion	Ratio	Lower	Upper
82	100		
128	41.8	32.2	48.2
54	44.8	38.4	57.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.010 min Scan# 1262

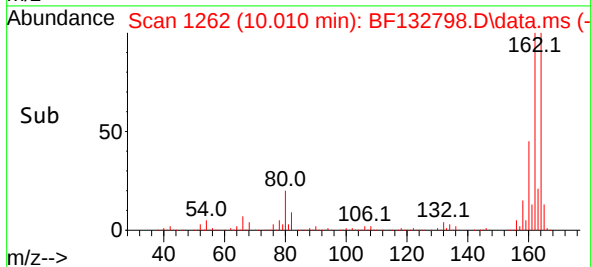
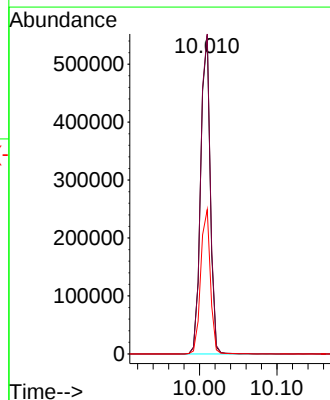
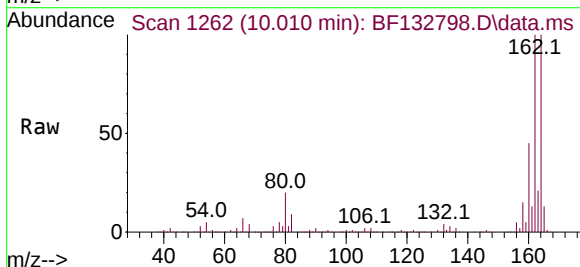
Delta R.T. -0.000 min

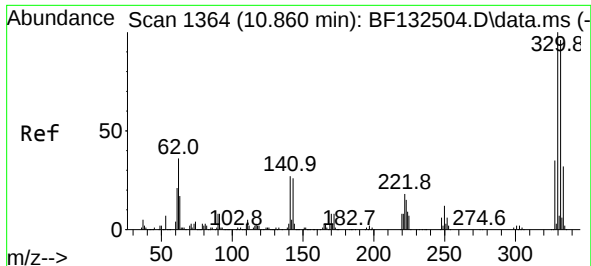
Lab File: BF132798.D

Acq: 15 Mar 2023 12:25

Tgt Ion:164 Resp: 469379

Ion	Ratio	Lower	Upper
164	100		
162	100.5	79.8	119.8
160	45.3	35.8	53.6





#42

2,4,6-Tribromophenol

Concen: 123.220 ng

RT: 10.804 min Scan# 1146

Delta R.T. -0.006 min

Lab File: BF132798.D

Acq: 15 Mar 2023 12:25

Instrument :

BNA_F

ClientSampleId :

PB151405BL

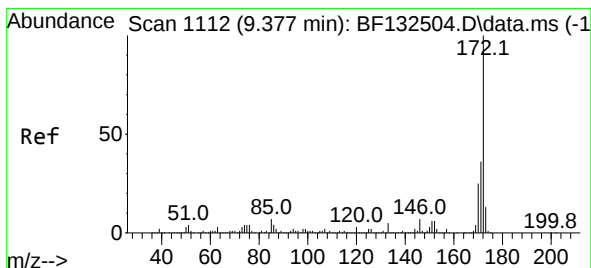
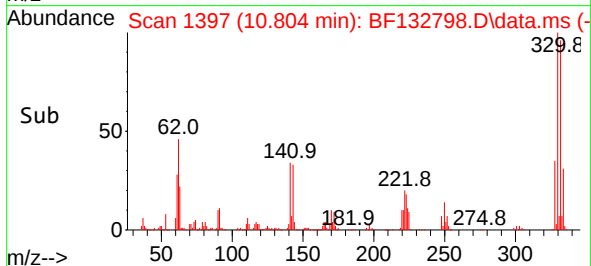
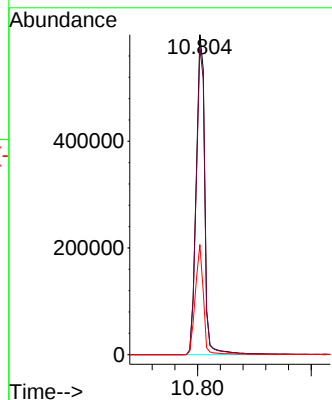
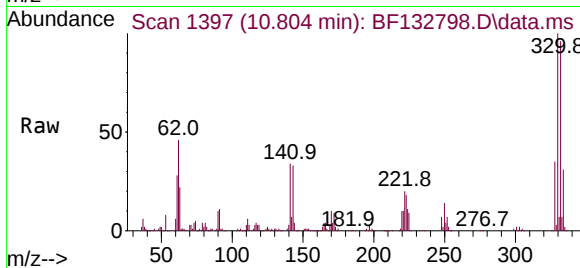
Tgt Ion:330 Resp: 624613

Ion Ratio Lower Upper

330 100

332 96.7 76.2 114.4

141 32.4 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 73.050 ng

RT: 9.328 min Scan# 1146

Delta R.T. -0.000 min

Lab File: BF132798.D

Acq: 15 Mar 2023 12:25

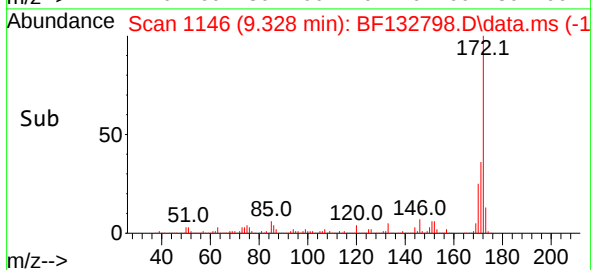
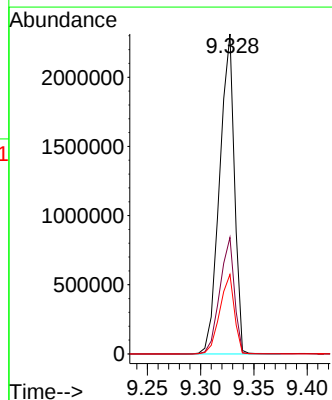
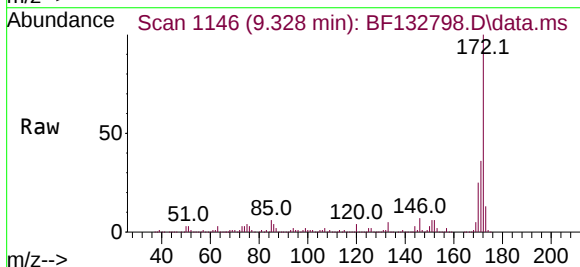
Tgt Ion:172 Resp: 2251857

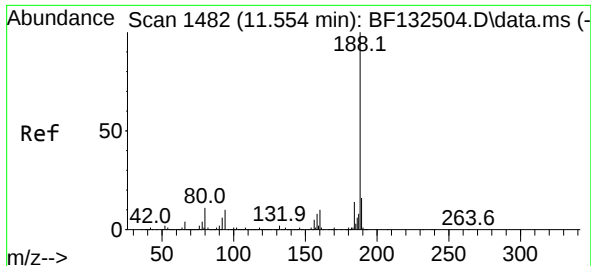
Ion Ratio Lower Upper

172 100

171 36.4 28.8 43.2

170 24.8 19.7 29.5

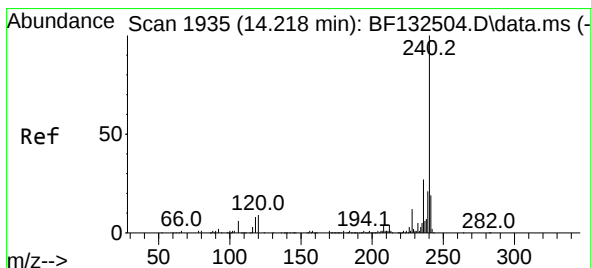
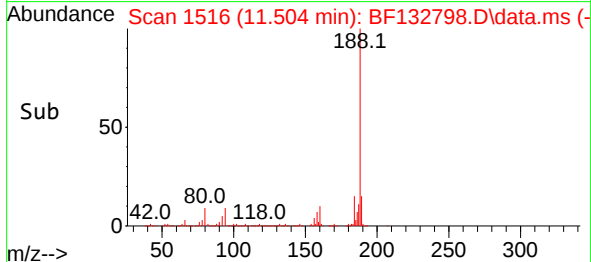
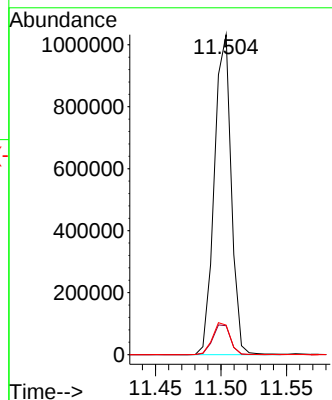
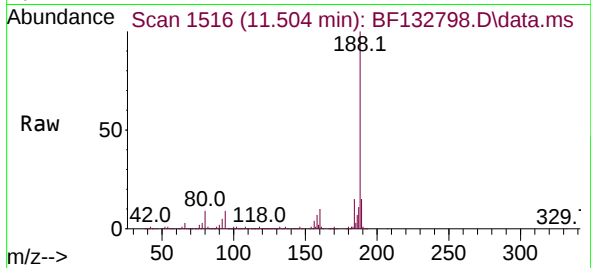




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132798.D
Acq: 15 Mar 2023 12:25

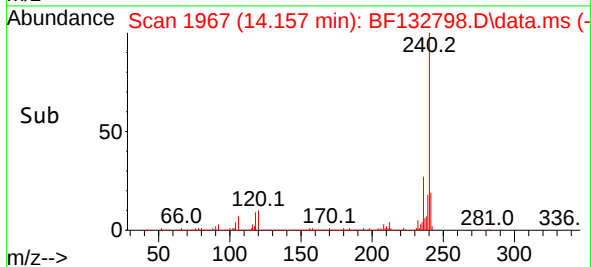
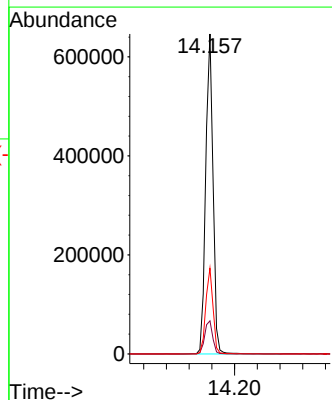
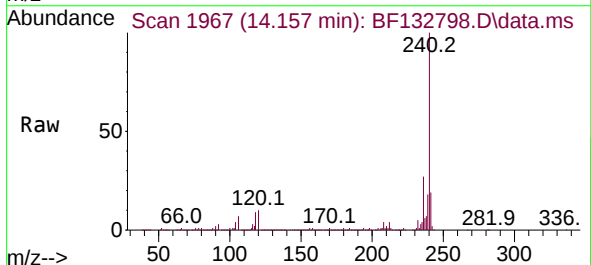
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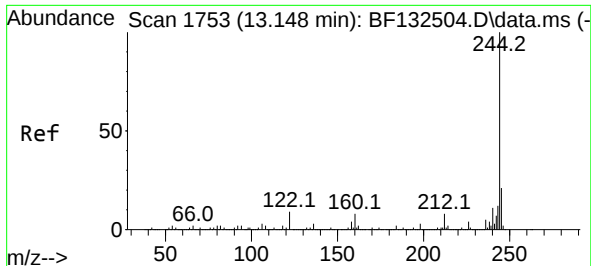
Tgt Ion:188 Resp: 924411
Ion Ratio Lower Upper
188 100
94 9.0 8.3 12.5
80 9.2 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.157 min Scan# 1967
Delta R.T. -0.006 min
Lab File: BF132798.D
Acq: 15 Mar 2023 12:25

Tgt Ion:240 Resp: 578774
Ion Ratio Lower Upper
240 100
120 10.3 7.2 10.8
236 26.8 21.8 32.6

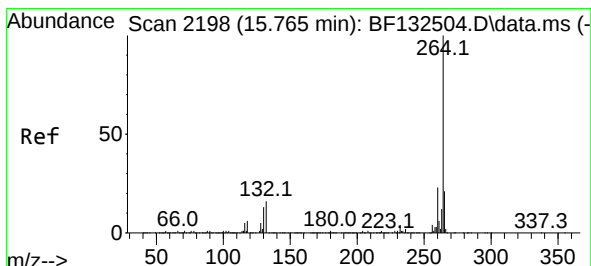
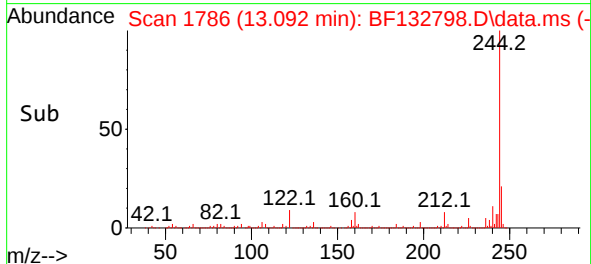
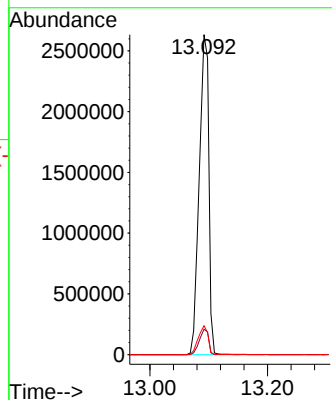
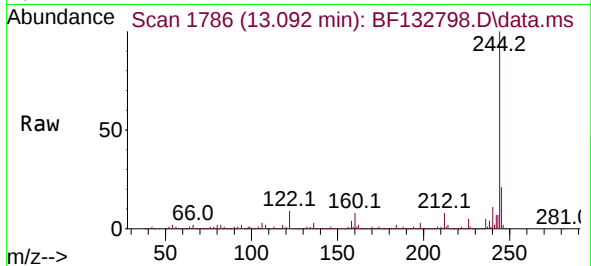




#79
Terphenyl-d14
Concen: 86.665 ng
RT: 13.092 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132798.D
Acq: 15 Mar 2023 12:25

Instrument :
BNA_F
ClientSampleId :
PB151405BL

Tgt Ion:244 Resp: 2966710
Ion Ratio Lower Upper
244 100
212 7.9 6.5 9.7
122 9.0 7.5 11.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.686 min Scan# 2227
Delta R.T. -0.006 min
Lab File: BF132798.D
Acq: 15 Mar 2023 12:25

Tgt Ion:264 Resp: 360251
Ion Ratio Lower Upper
264 100
260 23.9 18.8 28.2
265 21.8 17.1 25.7

