

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031023\
 Data File : BF132733.D
 Acq On : 10 Mar 2023 10:41
 Operator : CG\JU
 Sample : PB151310BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151310BL

Quant Time: Mar 10 11:10:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 16:26:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.981	152	278471	20.000	ng	0.00
21) Naphthalene-d8	8.263	136	1049500	20.000	ng	0.00
39) Acenaphthene-d10	10.028	164	575684	20.000	ng	0.00
64) Phenanthrene-d10	11.522	188	1086462	20.000	ng	0.00
76) Chrysene-d12	14.180	240	721373	20.000	ng	0.00
86) Perylene-d12	15.721	264	521359	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.622	112	2027844	118.186	ng	0.01
7) Phenol-d6	6.616	99	2614246	116.745	ng	0.00
23) Nitrobenzene-d5	7.545	82	1764375	79.761	ng	-0.01
42) 2,4,6-Tribromophenol	10.828	330	761965	122.559	ng	0.00
45) 2-Fluorobiphenyl	9.345	172	2800763	74.079	ng	0.00
79) Terphenyl-d14	13.116	244	3474753	81.441	ng	0.00

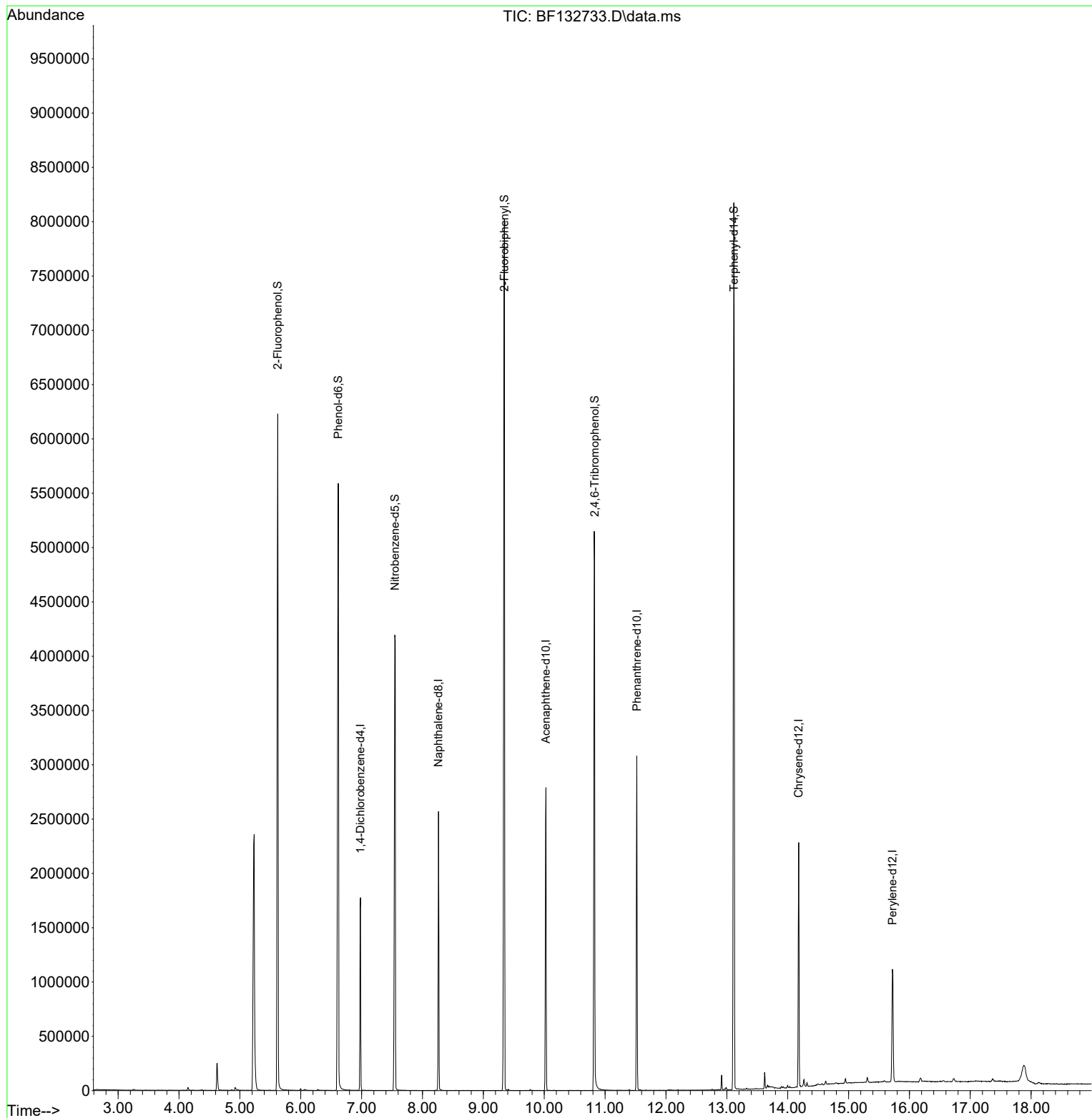
Target Compounds	Qvalue

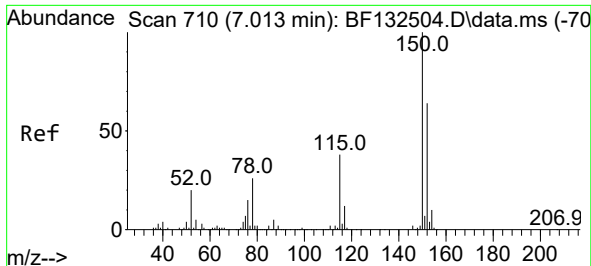
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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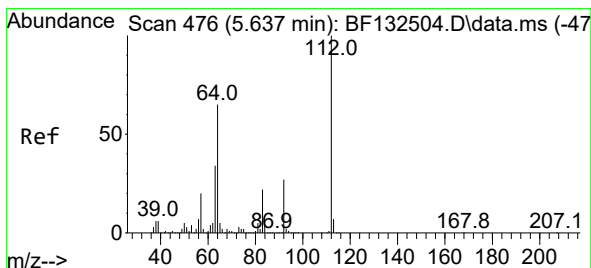
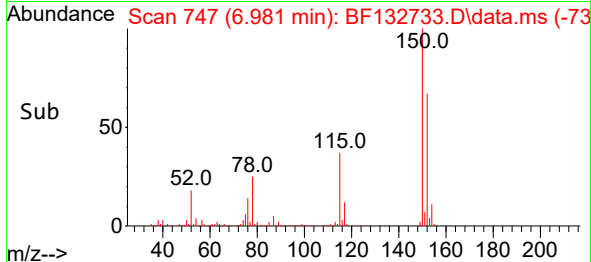
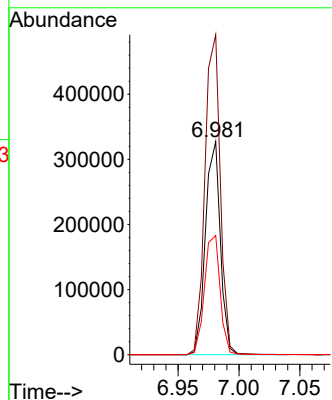
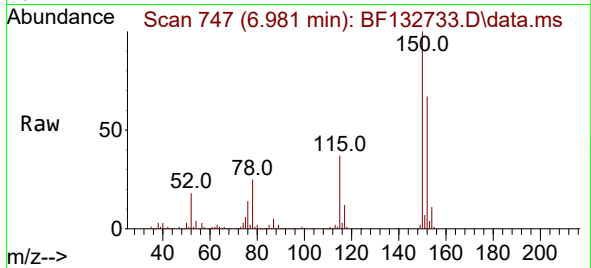




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.981 min Scan# 710
Delta R.T. -0.000 min
Lab File: BF132733.D
Acq: 10 Mar 2023 10:41

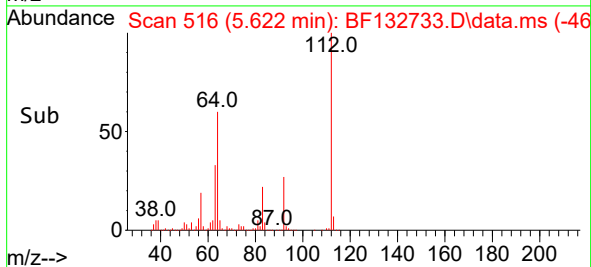
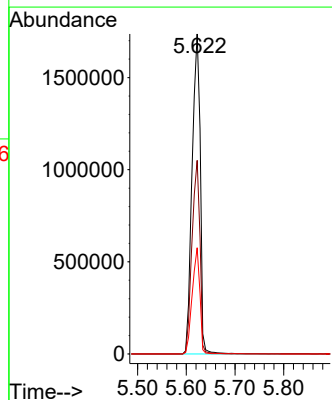
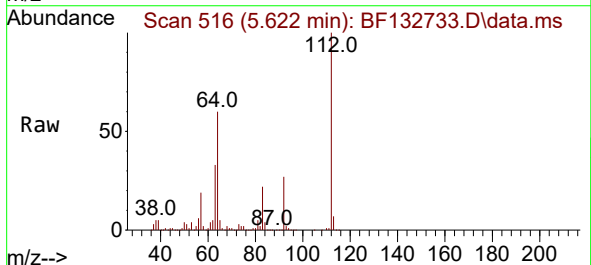
Instrument :
BNA_F
ClientSampleId :
PB151310BL

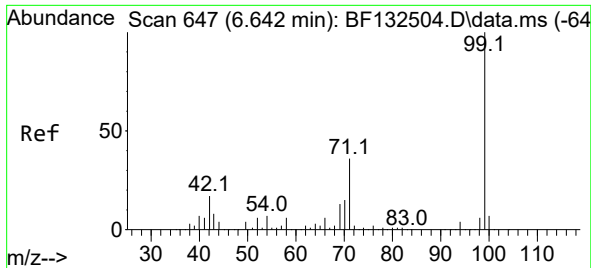
Tgt Ion:152 Resp: 278471
Ion Ratio Lower Upper
152 100
150 150.2 125.4 188.2
115 56.0 47.8 71.6



#5
2-Fluorophenol
Concen: 118.186 ng
RT: 5.622 min Scan# 516
Delta R.T. 0.012 min
Lab File: BF132733.D
Acq: 10 Mar 2023 10:41

Tgt Ion:112 Resp: 2027844
Ion Ratio Lower Upper
112 100
64 60.5 51.6 77.4
63 33.2 27.4 41.2

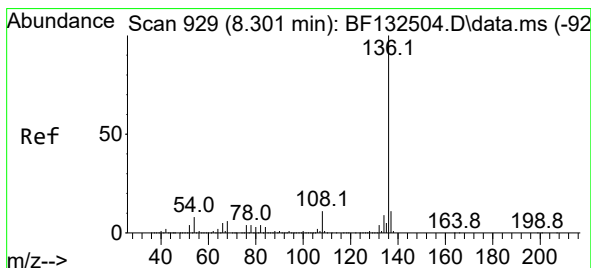
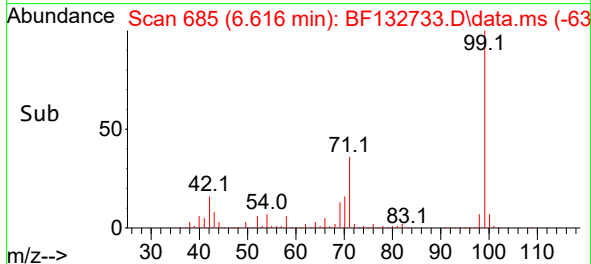
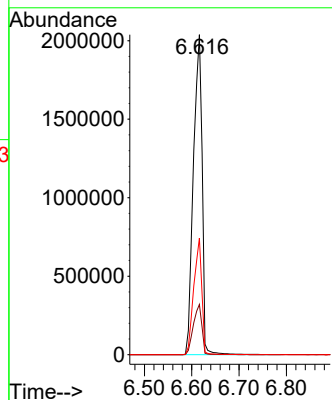
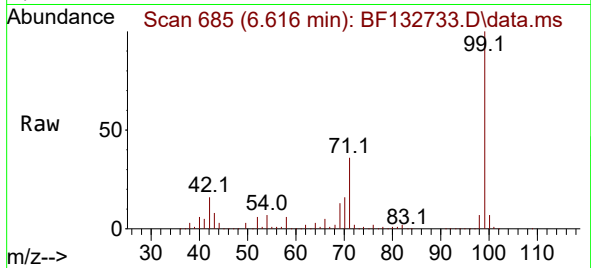




#7
Phenol-d6
Concen: 116.745 ng
RT: 6.616 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132733.D
Acq: 10 Mar 2023 10:41

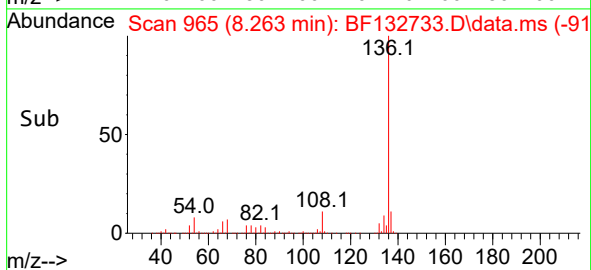
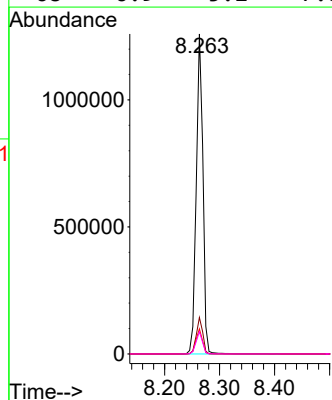
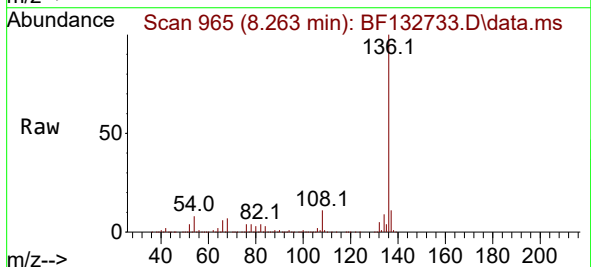
Instrument :
BNA_F
ClientSampleId :
PB151310BL

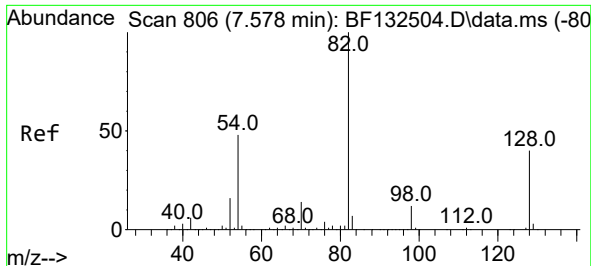
Tgt Ion: 99 Resp: 2614246
Ion Ratio Lower Upper
99 100
42 15.7 13.9 20.9
71 36.5 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.263 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF132733.D
Acq: 10 Mar 2023 10:41

Tgt Ion:136 Resp: 1049500
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 7.9 6.2 9.4
68 6.9 5.2 7.8





#23

Nitrobenzene-d5

Concen: 79.761 ng

RT: 7.545 min Scan# 84

Delta R.T. -0.011 min

Lab File: BF132733.D

Acq: 10 Mar 2023 10:41

Instrument :

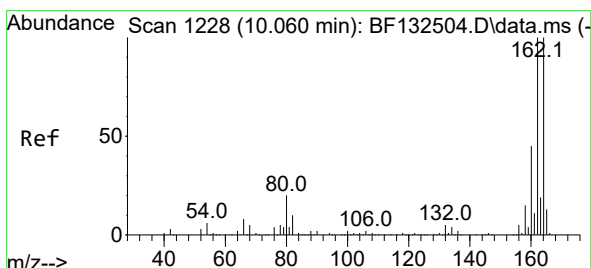
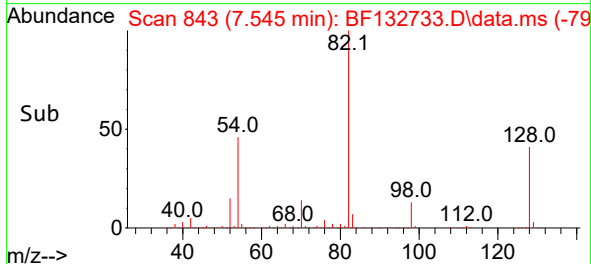
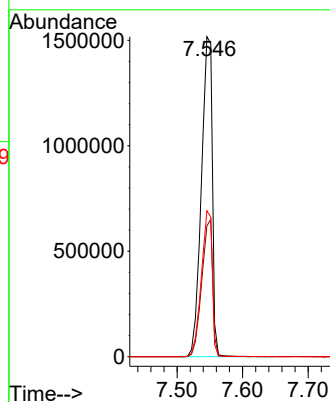
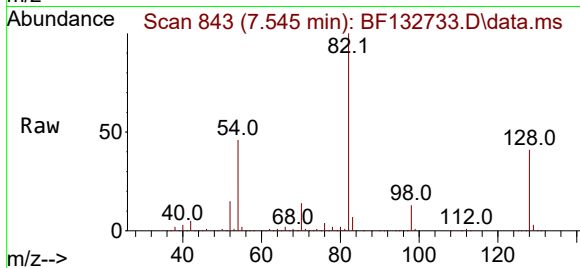
BNA_F

ClientSampleId :

PB151310BL

Tgt Ion: 82 Resp: 1764375

Ion	Ratio	Lower	Upper
82	100		
128	40.9	32.2	48.2
54	45.6	38.4	57.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.028 min Scan# 1265

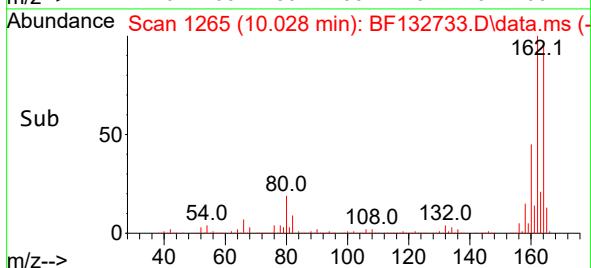
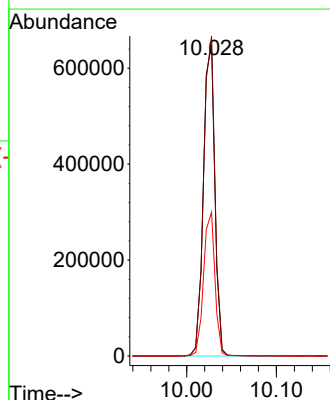
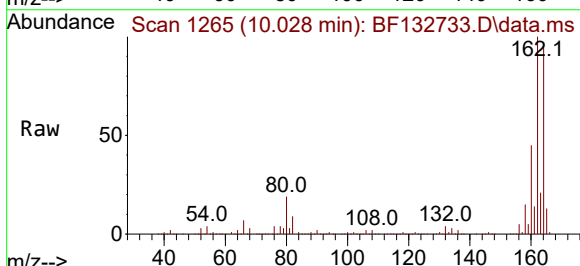
Delta R.T. -0.006 min

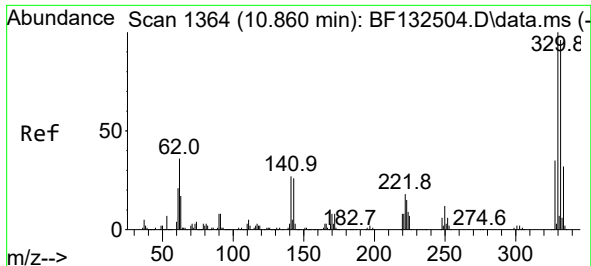
Lab File: BF132733.D

Acq: 10 Mar 2023 10:41

Tgt Ion: 164 Resp: 575684

Ion	Ratio	Lower	Upper
164	100		
162	102.8	79.8	119.8
160	46.1	35.8	53.6

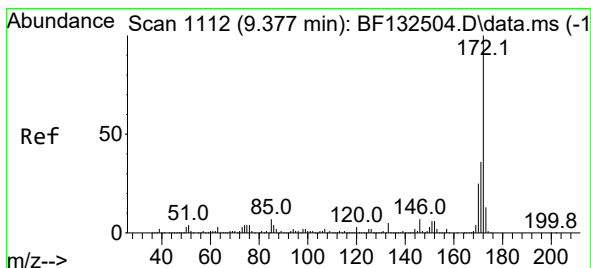
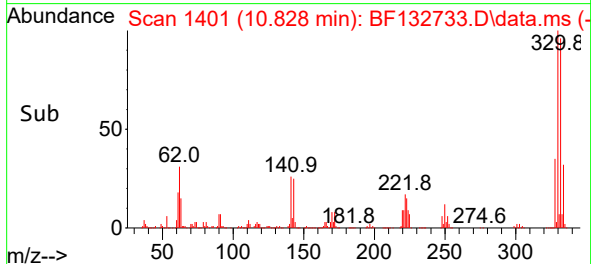
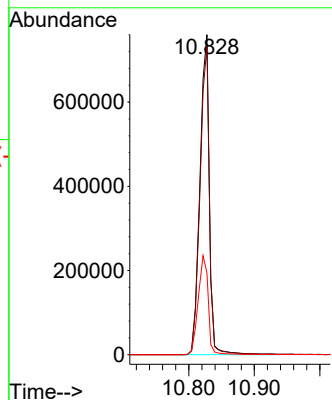
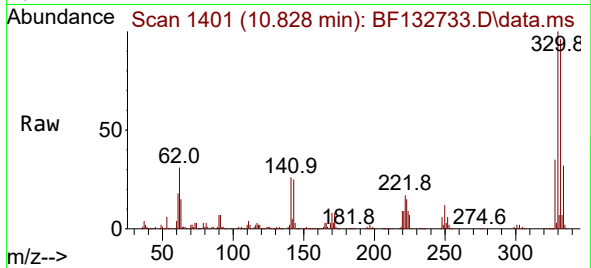




#42
2,4,6-Tribromophenol
Concen: 122.559 ng
RT: 10.828 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF132733.D
Acq: 10 Mar 2023 10:41

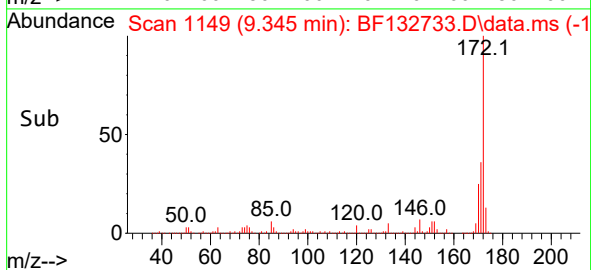
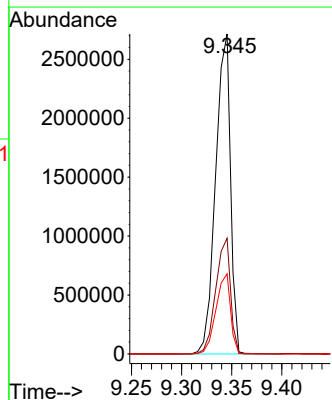
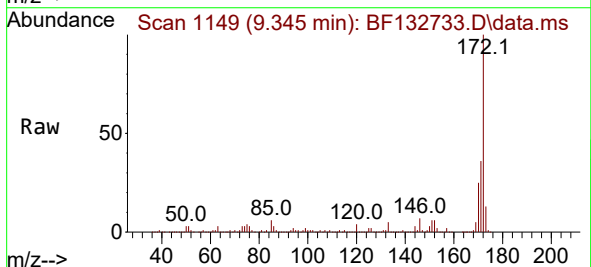
Instrument :
BNA_F
ClientSampleId :
PB151310BL

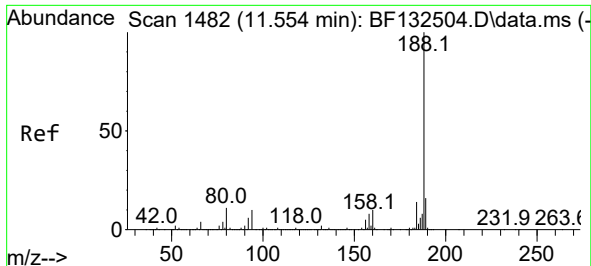
Tgt Ion: 330 Resp: 761965
Ion Ratio Lower Upper
330 100
332 95.3 76.2 114.4
141 32.9 28.4 42.6



#45
2-Fluorobiphenyl
Concen: 74.079 ng
RT: 9.345 min Scan# 1149
Delta R.T. 0.000 min
Lab File: BF132733.D
Acq: 10 Mar 2023 10:41

Tgt Ion: 172 Resp: 2800763
Ion Ratio Lower Upper
172 100
171 36.2 28.8 43.2
170 25.1 19.7 29.5

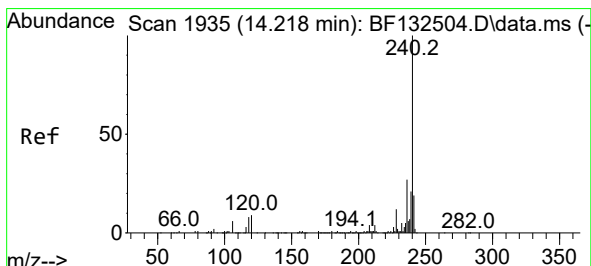
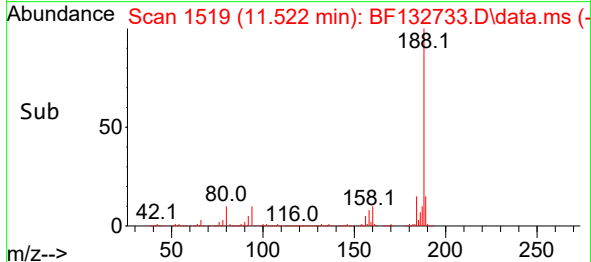
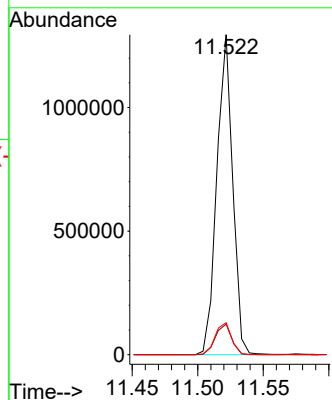
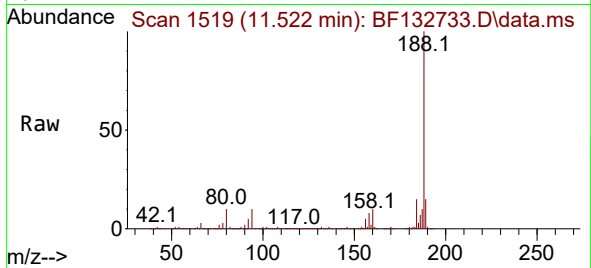




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.522 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132733.D
Acq: 10 Mar 2023 10:41

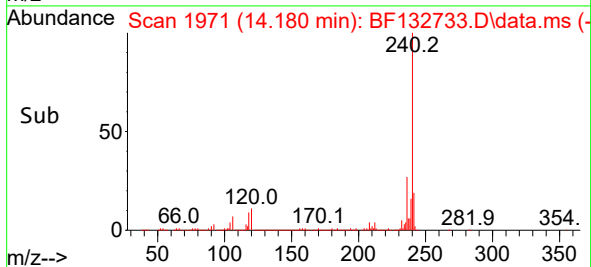
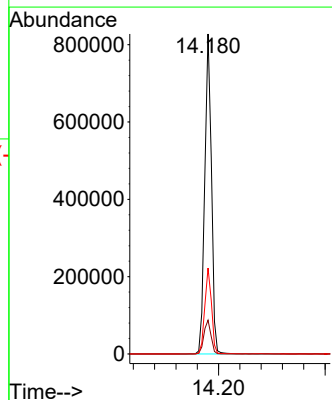
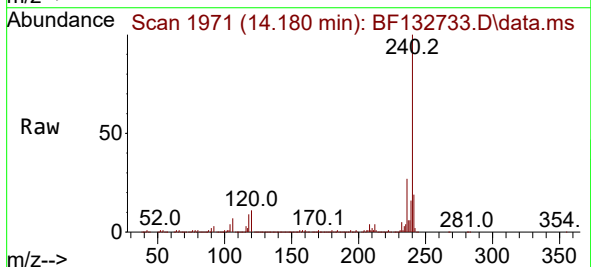
Instrument :
BNA_F
ClientSampleId :
PB151310BL

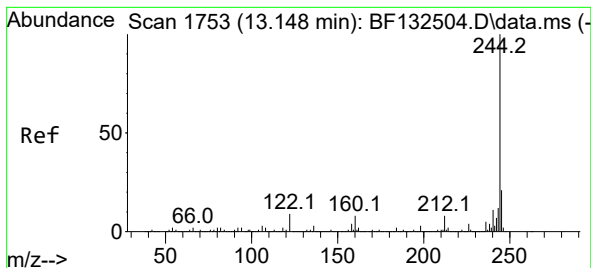
Tgt Ion:188 Resp: 1086462
Ion Ratio Lower Upper
188 100
94 9.6 8.3 12.5
80 10.0 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.180 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BF132733.D
Acq: 10 Mar 2023 10:41

Tgt Ion:240 Resp: 721373
Ion Ratio Lower Upper
240 100
120 10.6 7.2 10.8
236 26.8 21.8 32.6





#79

Terphenyl-d14

Concen: 81.441 ng

RT: 13.116 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF132733.D

Acq: 10 Mar 2023 10:41

Instrument :

BNA_F

ClientSampleId :

PB151310BL

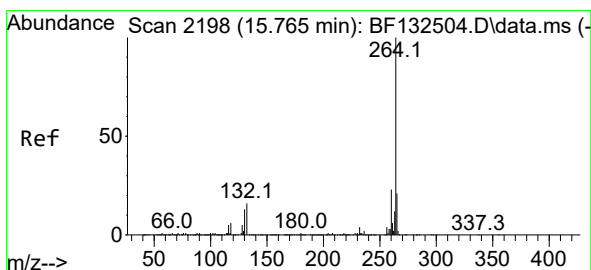
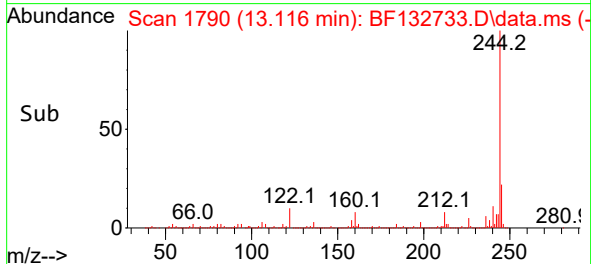
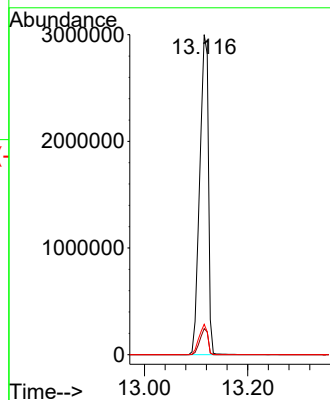
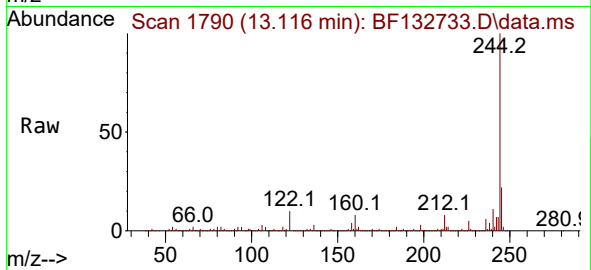
Tgt Ion:244 Resp: 3474753

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

122 9.5 7.5 11.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.721 min Scan# 2233

Delta R.T. -0.006 min

Lab File: BF132733.D

Acq: 10 Mar 2023 10:41

Tgt Ion:264 Resp: 521359

Ion Ratio Lower Upper

264 100

260 24.2 18.8 28.2

265 21.8 17.1 25.7

