

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122222\
 Data File : BF131774.D
 Acq On : 22 Dec 2022 13:19
 Operator : CG\JU
 Sample : PB149691BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149691BL

Quant Time: Dec 23 01:52:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 23 01:24:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	79439	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	300978	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	184995	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	365334	20.000	ng	0.00
76) Chrysene-d12	14.045	240	270083	20.000	ng	0.00
86) Perylene-d12	15.533	264	197484	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	713606	151.265	ng	0.02
7) Phenol-d6	6.486	99	913899	143.927	ng	0.00
23) Nitrobenzene-d5	7.422	82	639141	86.208	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	274621	135.626	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1110948	84.123	ng	0.00
79) Terphenyl-d14	12.992	244	1433764	82.736	ng	0.00

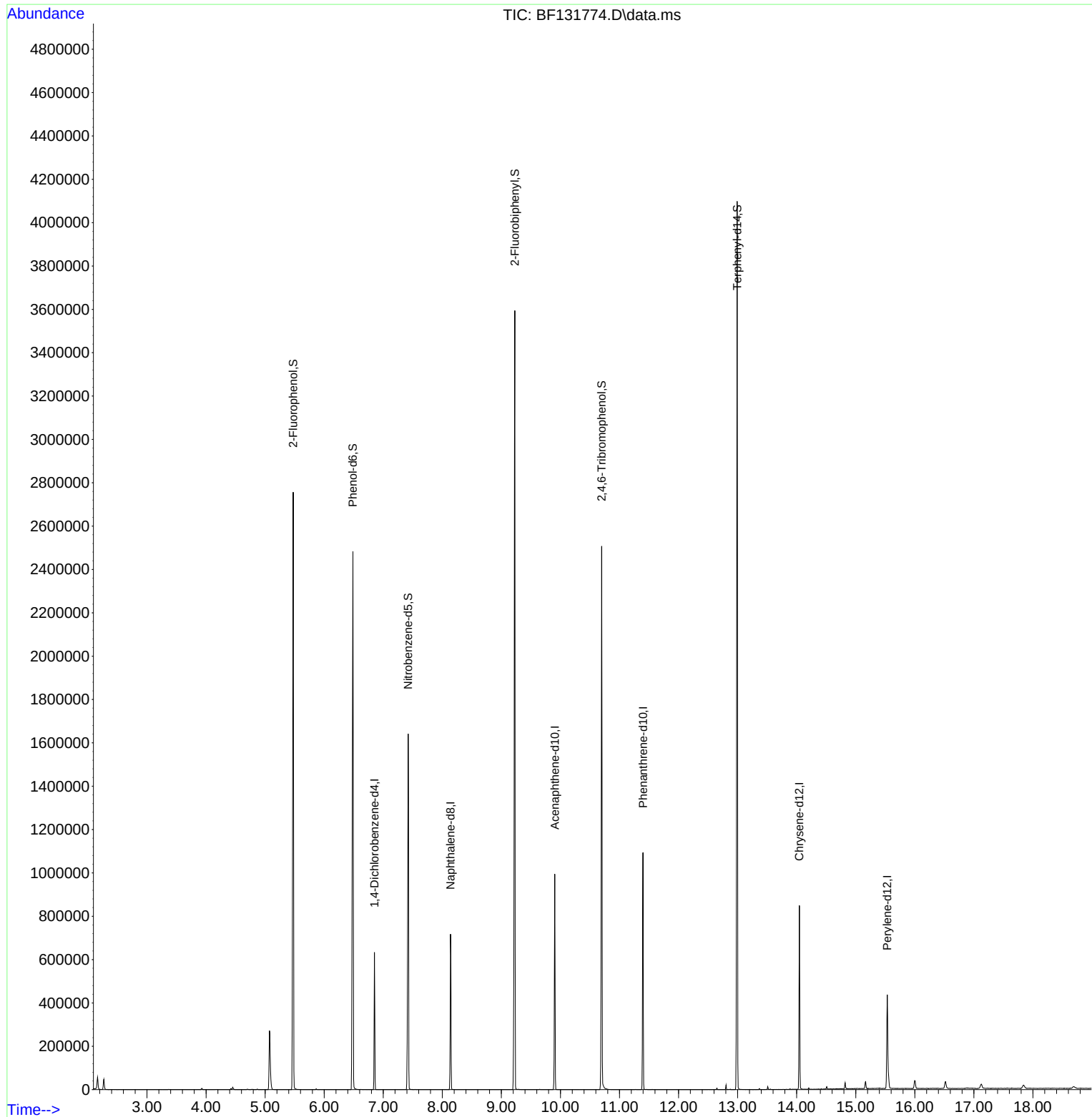
Target Compounds	Qvalue

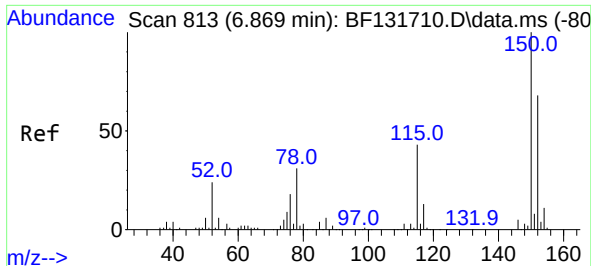
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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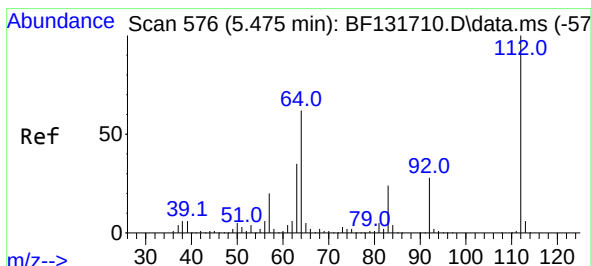
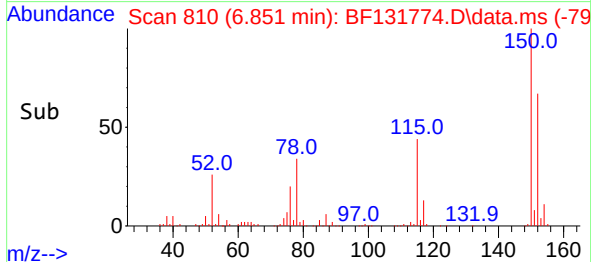
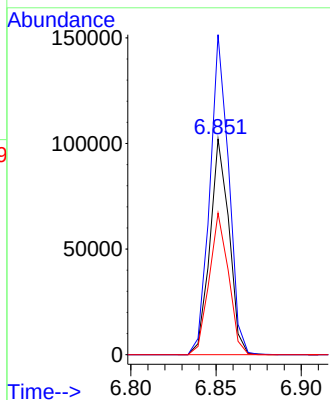
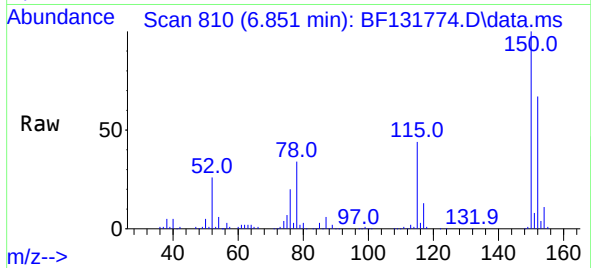




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF131774.D
Acq: 22 Dec 2022 13:19

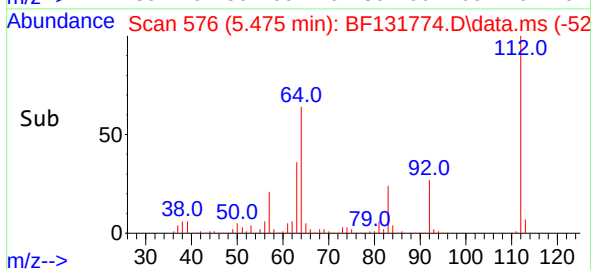
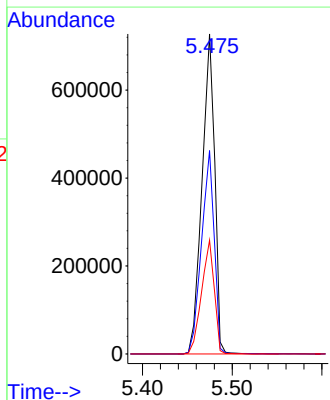
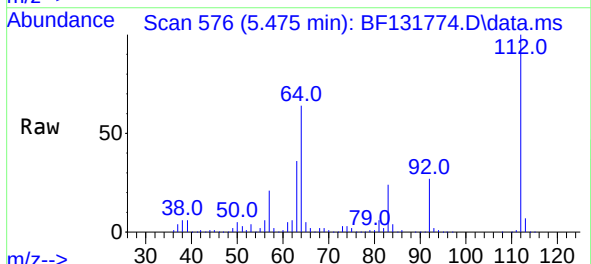
Instrument :
BNA_F
ClientSampleId :
PB149691BL

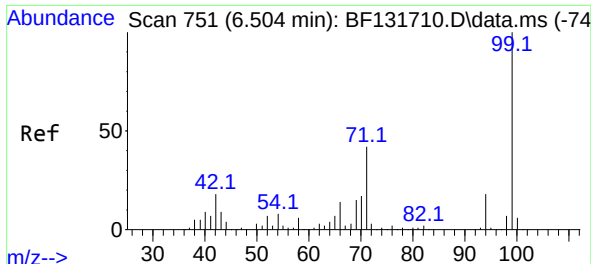
Tgt Ion:152 Resp: 79439
Ion Ratio Lower Upper
152 100
150 148.3 117.4 176.0
115 65.6 50.2 75.4



#5
2-Fluorophenol
Concen: 151.265 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.017 min
Lab File: BF131774.D
Acq: 22 Dec 2022 13:19

Tgt Ion:112 Resp: 713606
Ion Ratio Lower Upper
112 100
64 63.6 49.5 74.3
63 35.6 28.2 42.2

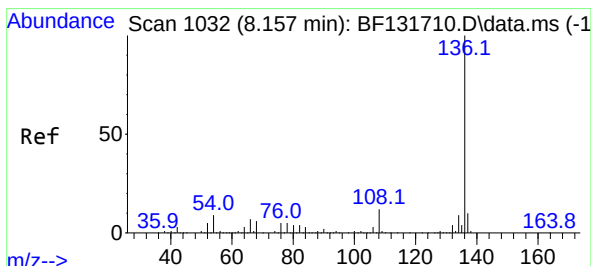
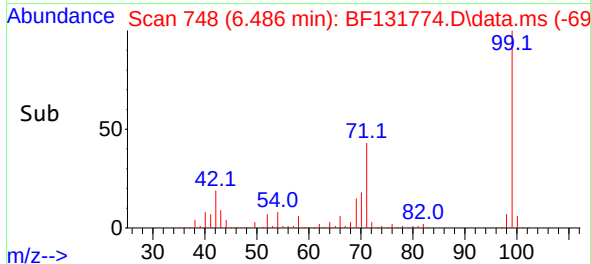
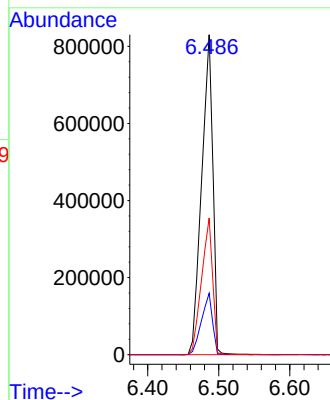
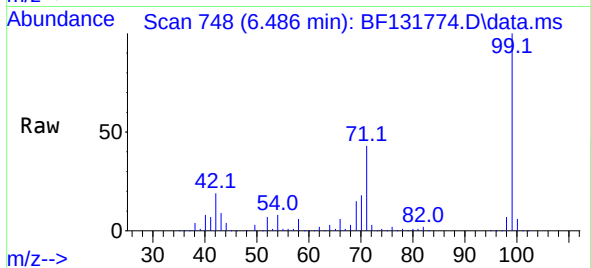




#7
Phenol-d6
Concen: 143.927 ng
RT: 6.486 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF131774.D
Acq: 22 Dec 2022 13:19

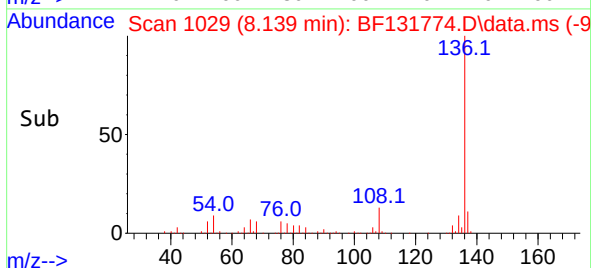
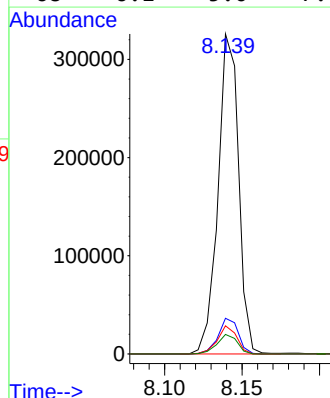
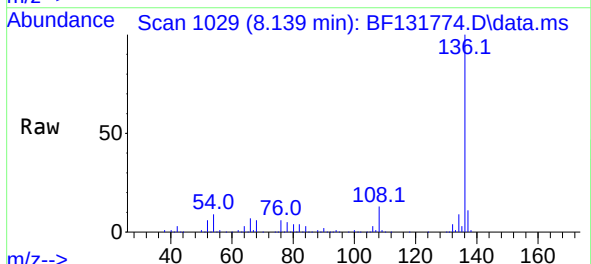
Instrument :
BNA_F
ClientSampleId :
PB149691BL

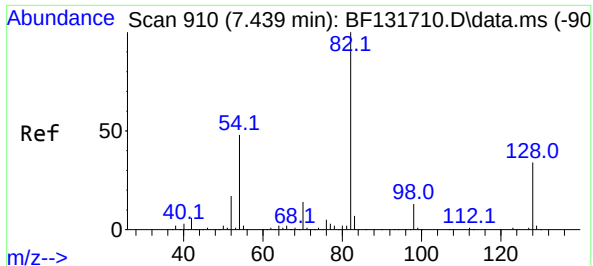
Tgt Ion: 99 Resp: 913899
Ion Ratio Lower Upper
99 100
42 19.2 14.8 22.2
71 42.7 33.8 50.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF131774.D
Acq: 22 Dec 2022 13:19

Tgt Ion: 136 Resp: 300978
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 8.8 7.2 10.8
68 6.1 5.0 7.6

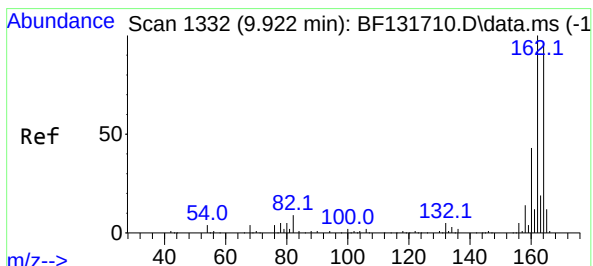
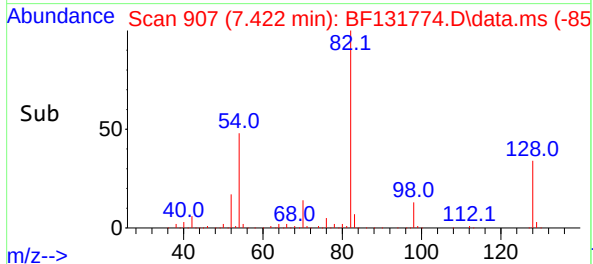
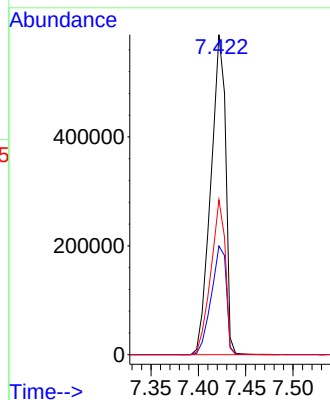
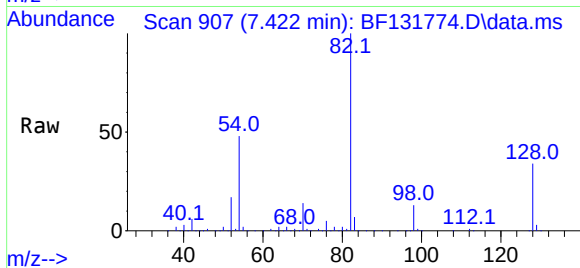




#23
Nitrobenzene-d5
Concen: 86.208 ng
RT: 7.422 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF131774.D
Acq: 22 Dec 2022 13:19

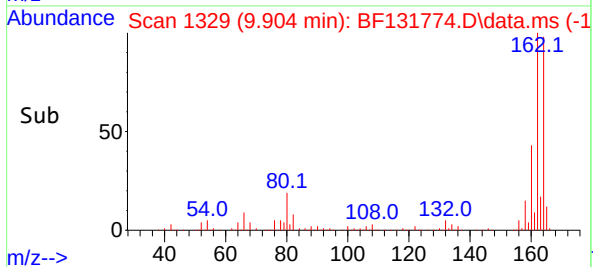
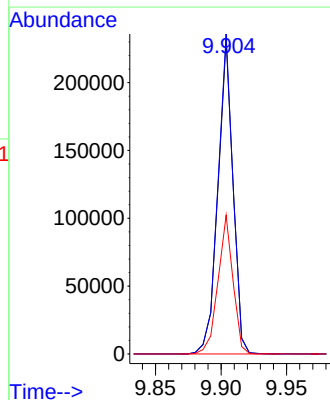
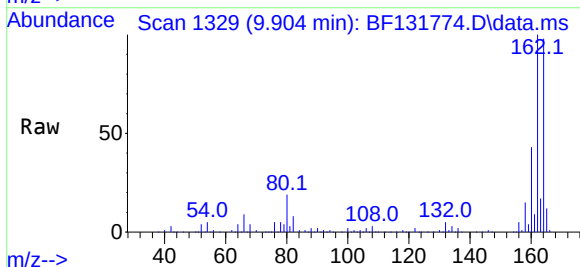
Instrument :
BNA_F
ClientSampleId :
PB149691BL

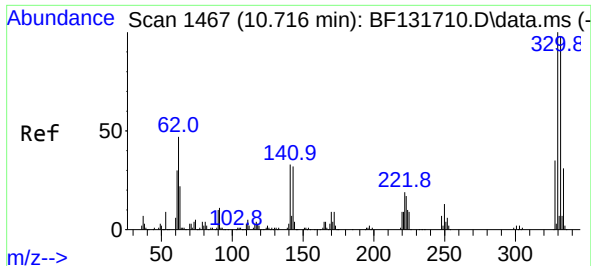
Tgt Ion: 82 Resp: 639141
Ion Ratio Lower Upper
82 100
128 34.0 27.3 40.9
54 48.4 38.2 57.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF131774.D
Acq: 22 Dec 2022 13:19

Tgt Ion:164 Resp: 184995
Ion Ratio Lower Upper
164 100
162 101.8 83.7 125.5
160 44.1 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 135.626 ng

RT: 10.698 min Scan# 1464

Delta R.T. -0.006 min

Lab File: BF131774.D

Acq: 22 Dec 2022 13:19

Instrument :

BNA_F

ClientSampleId :

PB149691BL

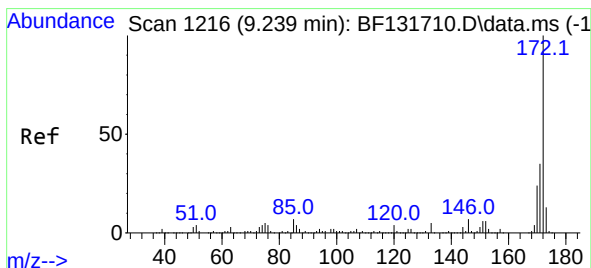
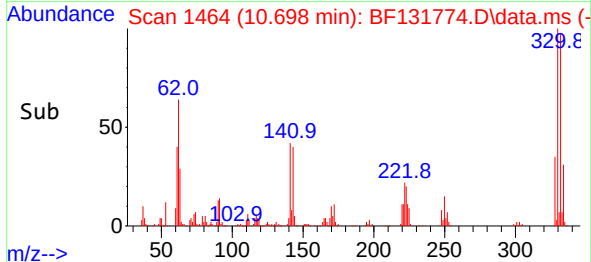
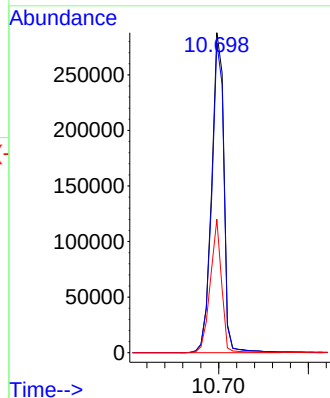
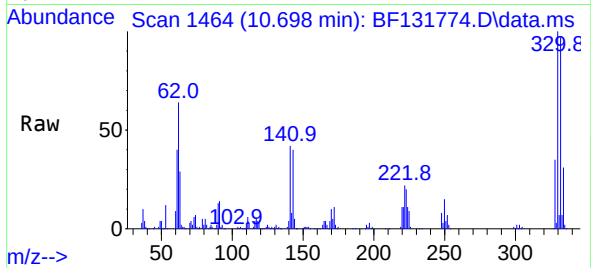
Tgt Ion:330 Resp: 274621

Ion Ratio Lower Upper

330 100

332 96.7 77.1 115.7

141 38.3 30.4 45.6



#45

2-Fluorobiphenyl

Concen: 84.123 ng

RT: 9.227 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF131774.D

Acq: 22 Dec 2022 13:19

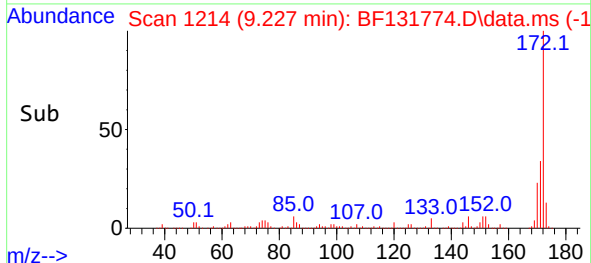
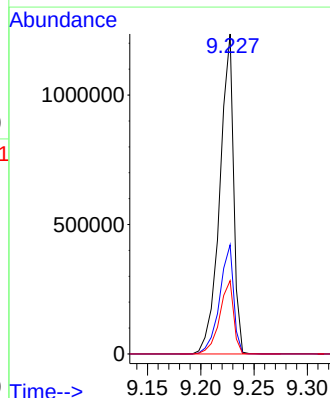
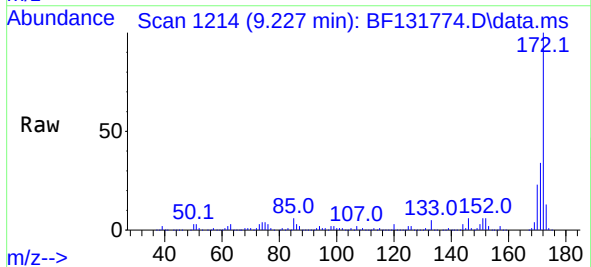
Tgt Ion:172 Resp: 1110948

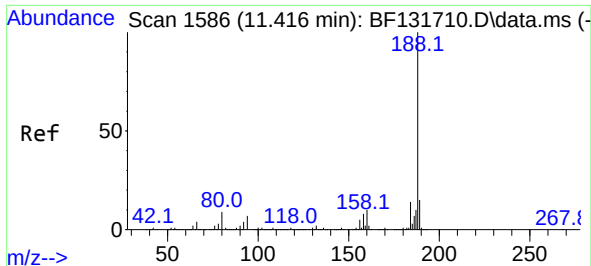
Ion Ratio Lower Upper

172 100

171 34.1 27.9 41.9

170 22.9 19.0 28.4

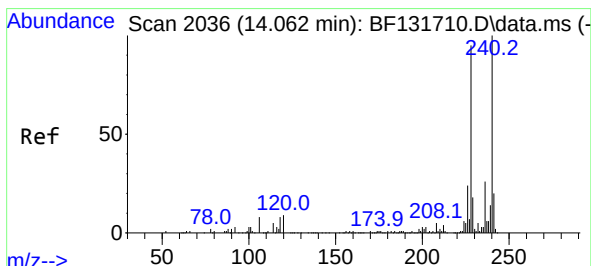
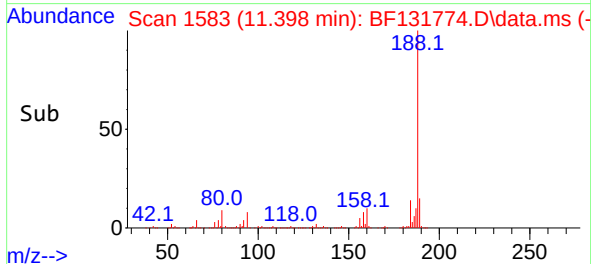
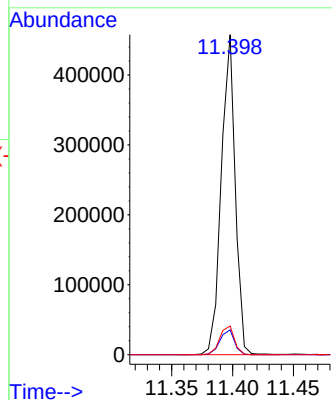
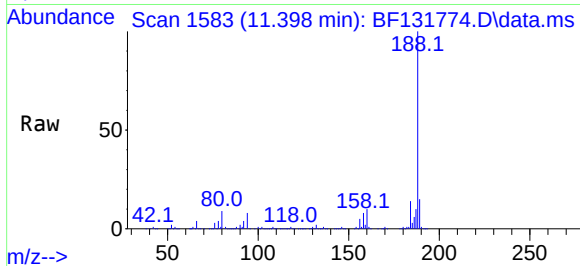




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131774.D
Acq: 22 Dec 2022 13:19

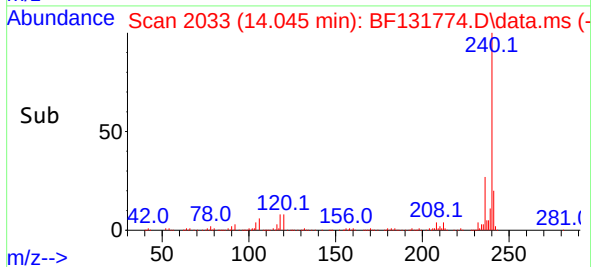
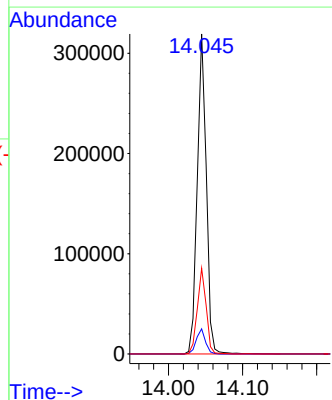
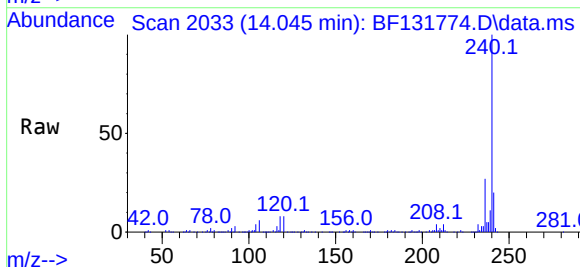
Instrument :
BNA_F
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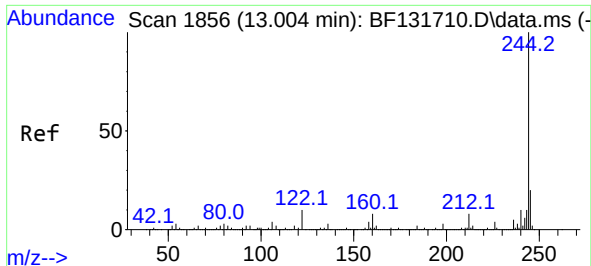
Tgt Ion:188 Resp: 365334
Ion Ratio Lower Upper
188 100
94 7.7 5.9 8.9
80 8.9 7.0 10.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF131774.D
Acq: 22 Dec 2022 13:19

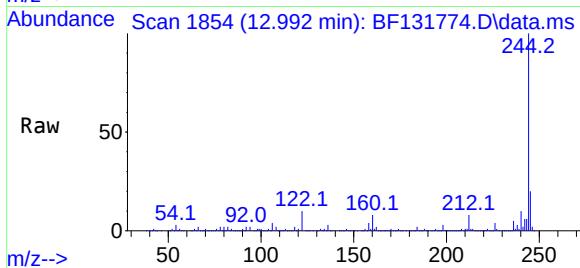
Tgt Ion:240 Resp: 270083
Ion Ratio Lower Upper
240 100
120 7.8 7.6 11.4
236 26.8 21.2 31.8



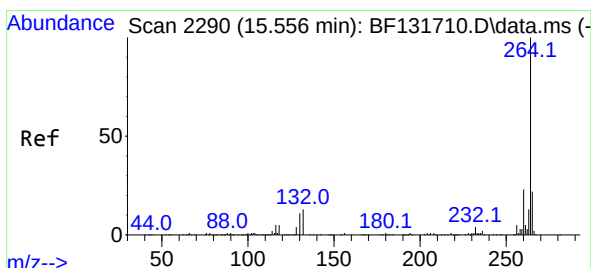
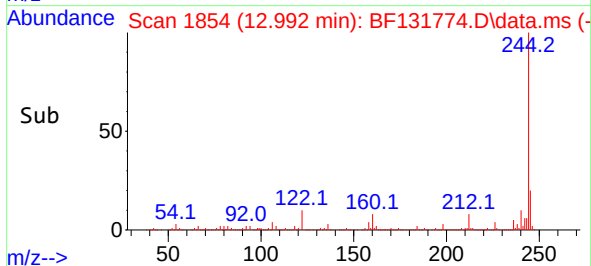
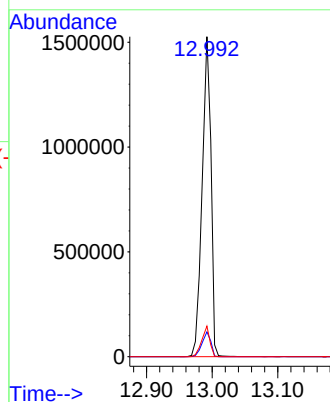


#79
 Terphenyl-d14
 Concen: 82.736 ng
 RT: 12.992 min Scan# 1854
 Delta R.T. -0.000 min
 Lab File: BF131774.D
 Acq: 22 Dec 2022 13:19

Instrument :
 BNA_F
 ClientSampleId :
 PB149691BL



Tgt Ion:244 Resp: 1433764
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 9.5 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2286
 Delta R.T. -0.000 min
 Lab File: BF131774.D
 Acq: 22 Dec 2022 13:19

Tgt Ion:264 Resp: 197484
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 28.0
 265 22.5 17.4 26.2

