

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111622\
 Data File : BF131271.D
 Acq On : 16 Nov 2022 18:19
 Operator : CG\JU
 Sample : N5497-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-06

Quant Time: Nov 16 22:17:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 16 06:35:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.975	152	88239	20.000	ng	0.00
21) Naphthalene-d8	8.263	136	322971	20.000	ng	0.00
39) Acenaphthene-d10	10.028	164	179147	20.000	ng	0.00
64) Phenanthrene-d10	11.528	188	307330	20.000	ng	0.00
76) Chrysene-d12	14.180	240	146532	20.000	ng	0.00
86) Perylene-d12	15.727	264	179691	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	219993	44.148	ng	0.00
7) Phenol-d6	6.575	99	192298	30.468	ng	-0.02
23) Nitrobenzene-d5	7.540	82	555558	96.552	ng	0.00
42) 2,4,6-Tribromophenol	10.822	330	135392	79.120	ng	0.00
45) 2-Fluorobiphenyl	9.345	172	1021559	83.449	ng	0.00
79) Terphenyl-d14	13.122	244	413536	48.464	ng	0.00

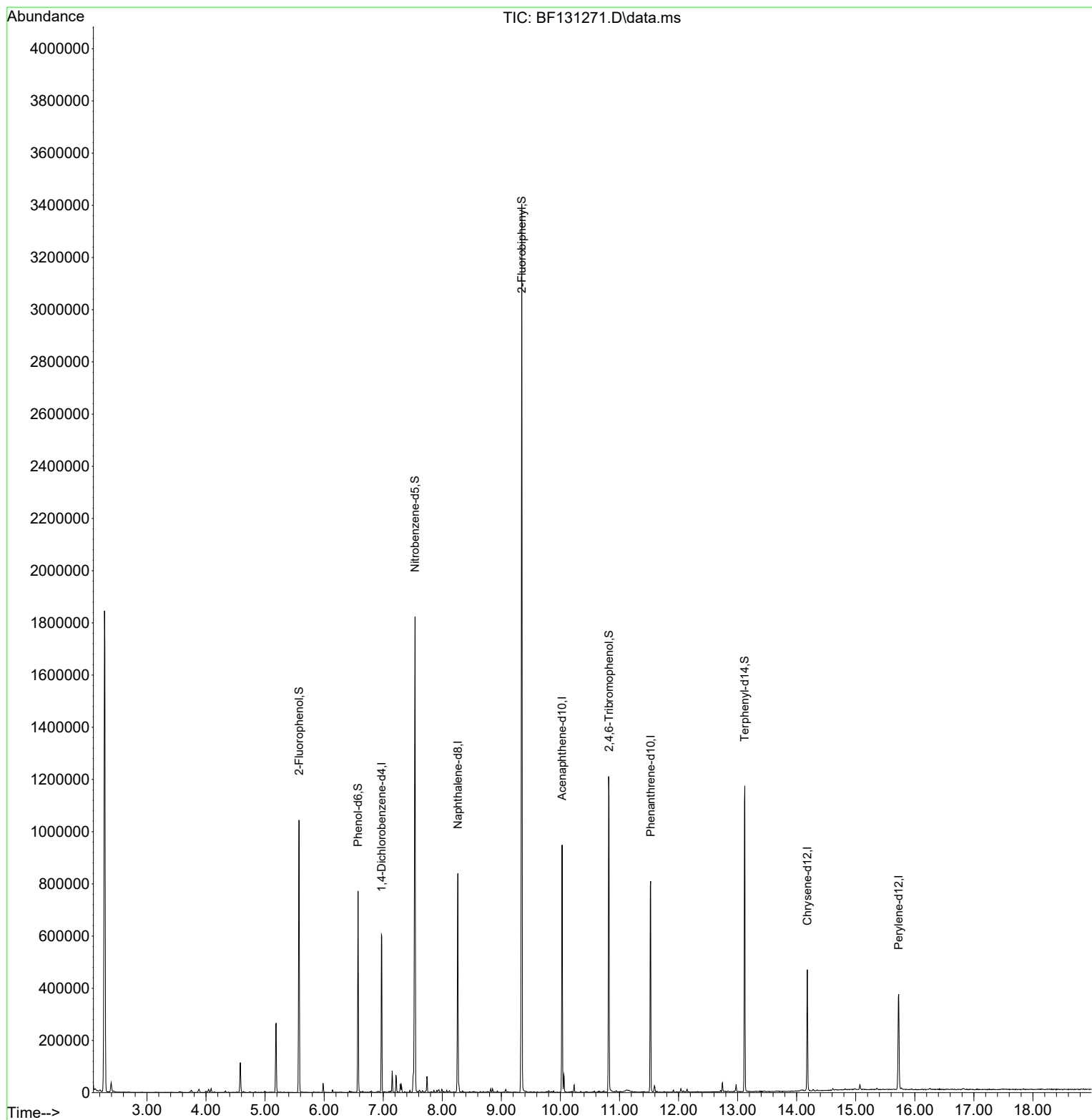
Target Compounds	Qvalue

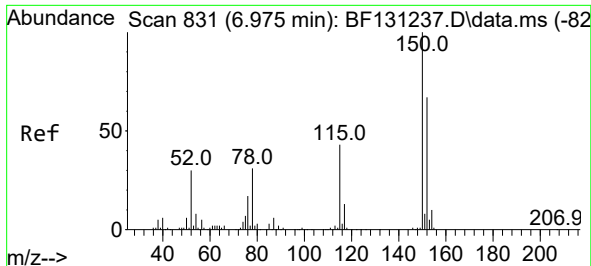
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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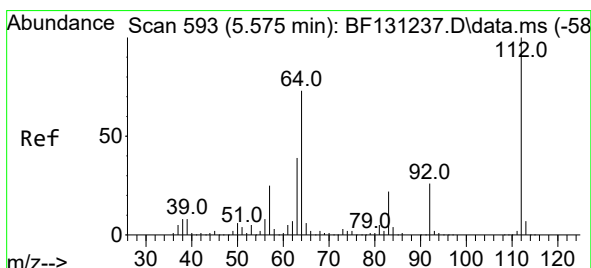
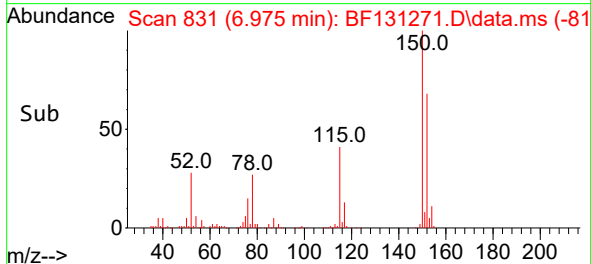
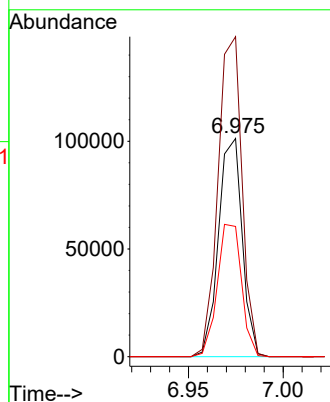
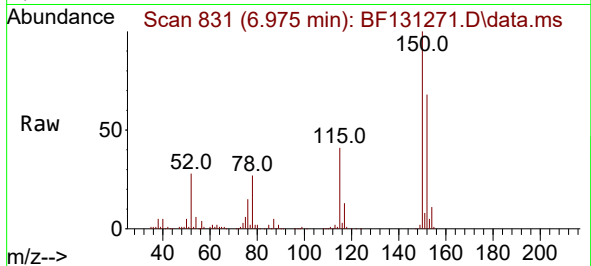




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.975 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131271.D
Acq: 16 Nov 2022 18:19

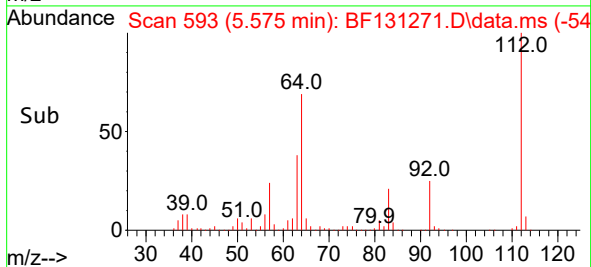
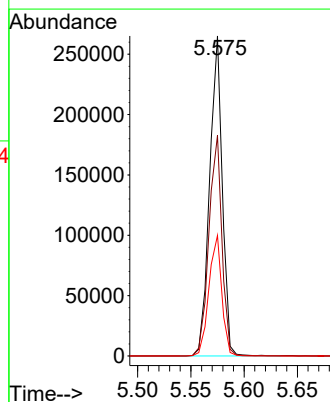
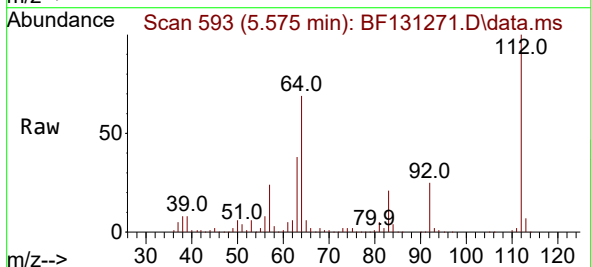
Instrument :
BNA_F
ClientSampleId :
MW-06

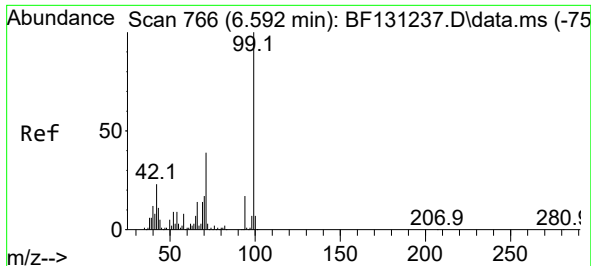
Tgt Ion:152 Resp: 88239
Ion Ratio Lower Upper
152 100
150 146.6 120.2 180.4
115 59.7 51.8 77.8



#5
2-Fluorophenol
Concen: 44.148 ng
RT: 5.575 min Scan# 593
Delta R.T. -0.000 min
Lab File: BF131271.D
Acq: 16 Nov 2022 18:19

Tgt Ion:112 Resp: 219993
Ion Ratio Lower Upper
112 100
64 68.9 58.4 87.6
63 37.6 31.6 47.4

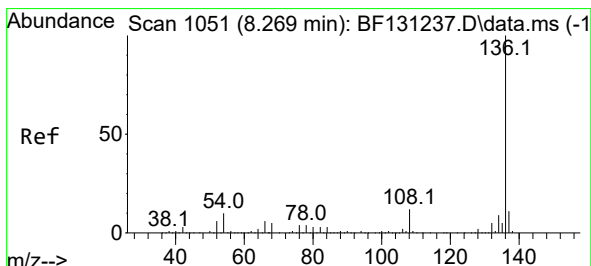
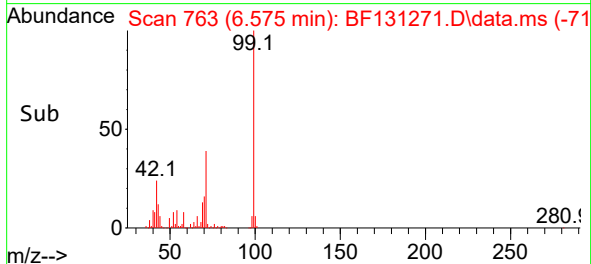
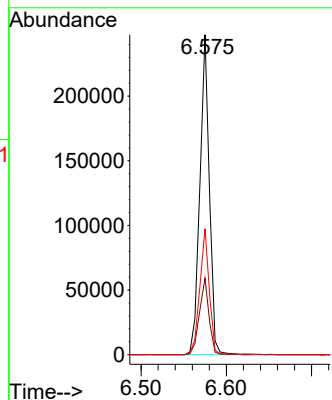
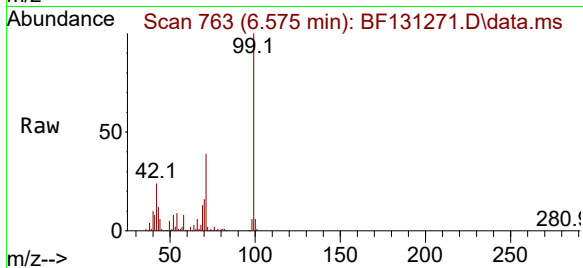




#7
Phenol-d6
Concen: 30.468 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF131271.D
Acq: 16 Nov 2022 18:19

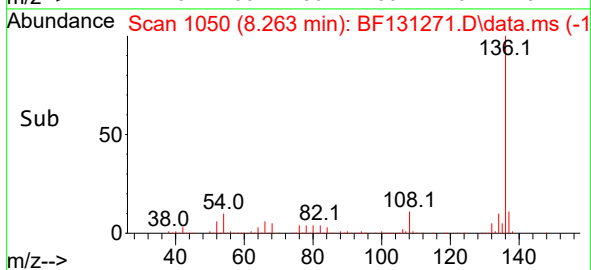
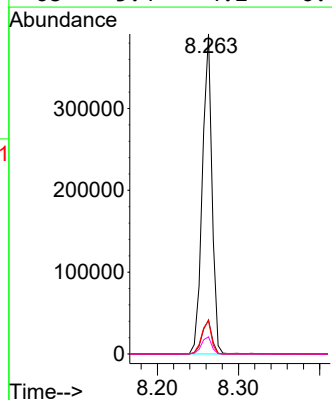
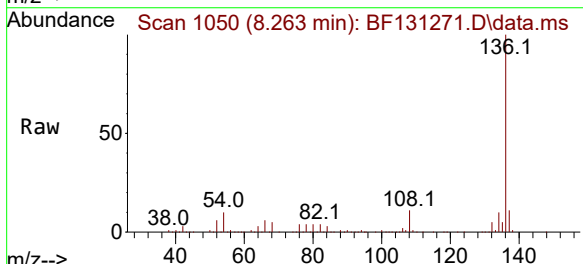
Instrument :
BNA_F
ClientSampleId :
MW-06

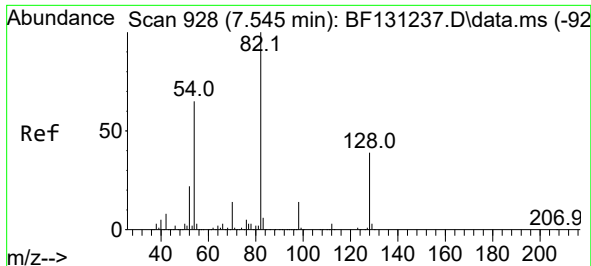
Tgt Ion: 99 Resp: 192298
Ion Ratio Lower Upper
99 100
42 23.9 18.6 28.0
71 39.3 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.263 min Scan# 1050
Delta R.T. -0.006 min
Lab File: BF131271.D
Acq: 16 Nov 2022 18:19

Tgt Ion: 136 Resp: 322971
Ion Ratio Lower Upper
136 100
137 10.6 8.5 12.7
54 10.4 7.8 11.8
68 5.4 4.2 6.4

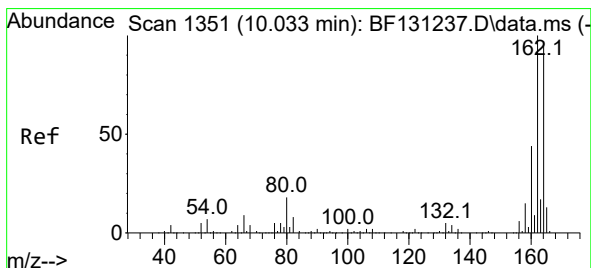
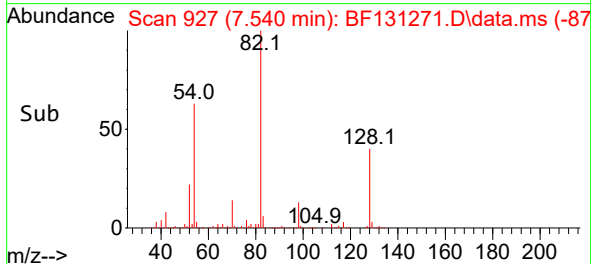
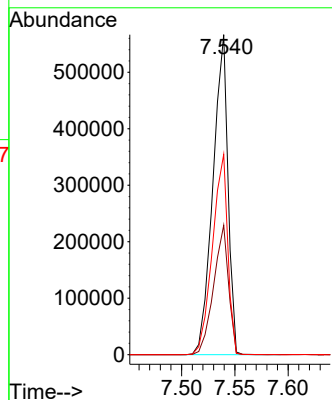
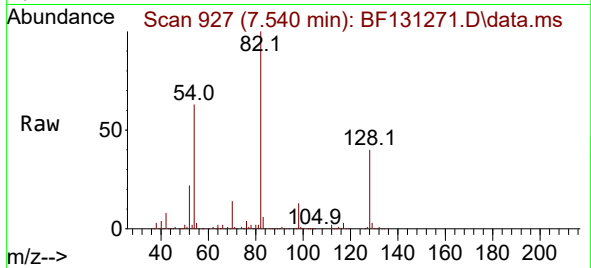




#23
Nitrobenzene-d5
Concen: 96.552 ng
RT: 7.540 min Scan# 91
Delta R.T. -0.005 min
Lab File: BF131271.D
Acq: 16 Nov 2022 18:19

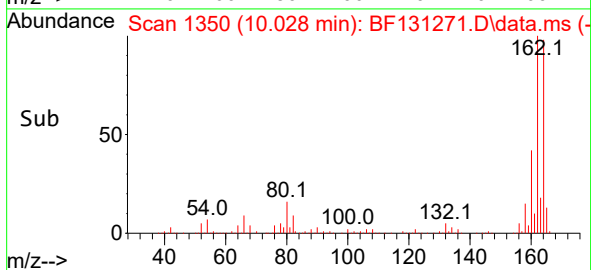
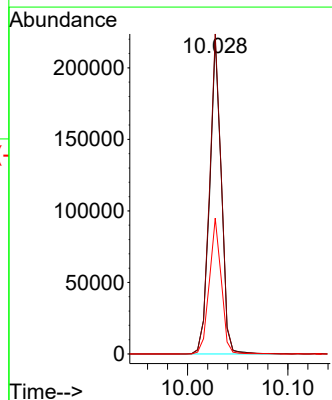
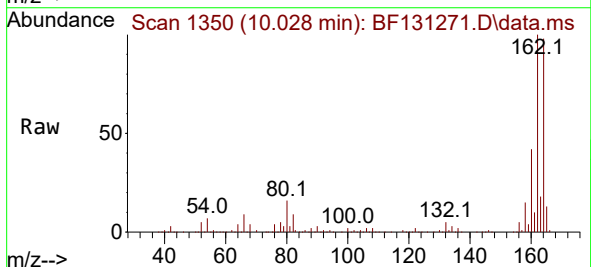
Instrument :
BNA_F
ClientSampleId :
MW-06

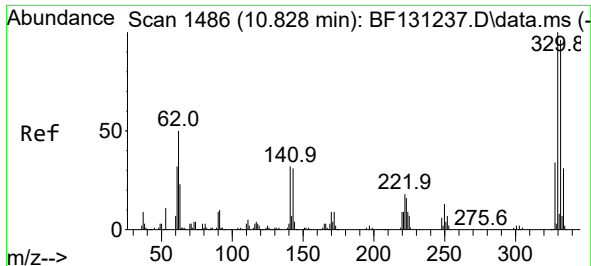
Tgt Ion: 82 Resp: 555558
Ion Ratio Lower Upper
82 100
128 40.5 31.1 46.7
54 62.6 51.8 77.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.028 min Scan# 1350
Delta R.T. -0.005 min
Lab File: BF131271.D
Acq: 16 Nov 2022 18:19

Tgt Ion: 164 Resp: 179147
Ion Ratio Lower Upper
164 100
162 101.6 82.1 123.1
160 43.1 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 79.120 ng

RT: 10.822 min Scan# 1486

Delta R.T. -0.006 min

Lab File: BF131271.D

Acq: 16 Nov 2022 18:19

Instrument :

BNA_F

ClientSampleId :

MW-06

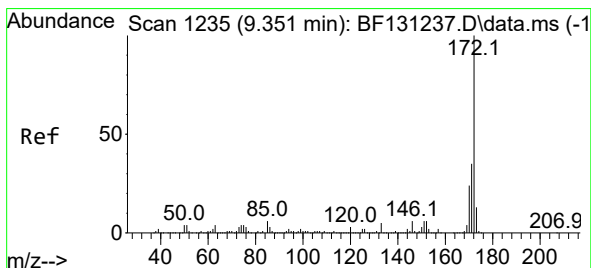
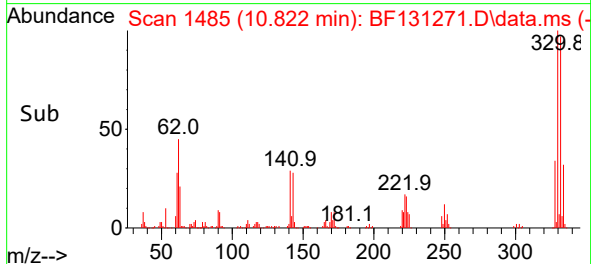
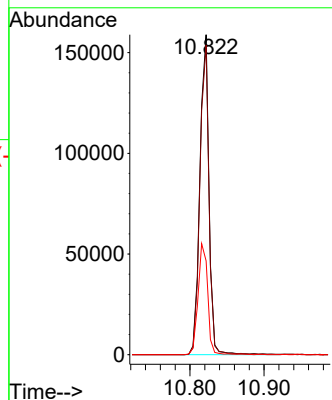
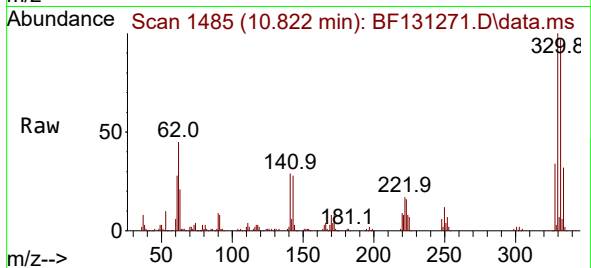
Tgt Ion:330 Resp: 135392

Ion Ratio Lower Upper

330 100

332 96.2 76.8 115.2

141 36.6 29.6 44.4



#45

2-Fluorobiphenyl

Concen: 83.449 ng

RT: 9.345 min Scan# 1234

Delta R.T. -0.006 min

Lab File: BF131271.D

Acq: 16 Nov 2022 18:19

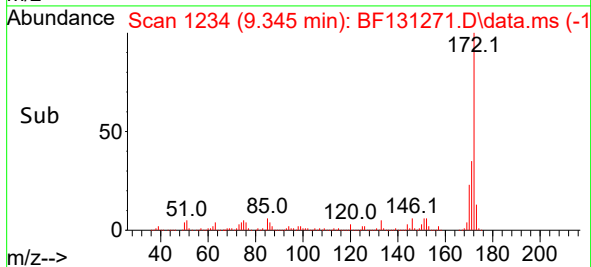
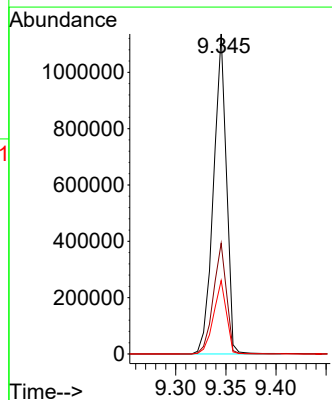
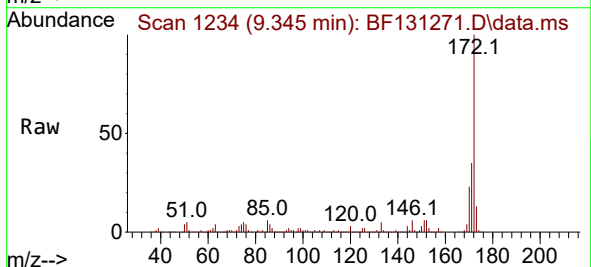
Tgt Ion:172 Resp: 1021559

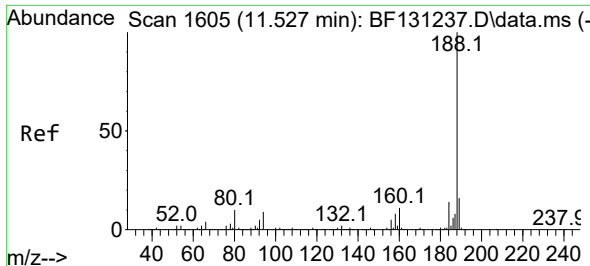
Ion Ratio Lower Upper

172 100

171 34.6 28.2 42.2

170 23.0 18.8 28.2

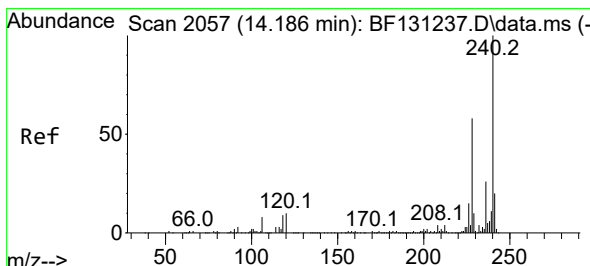
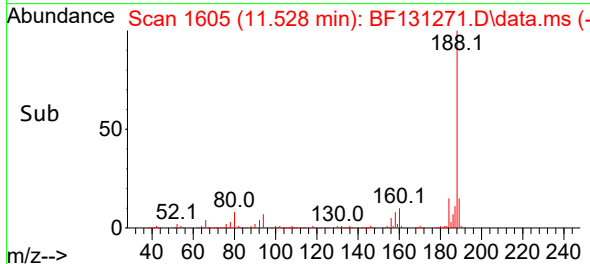
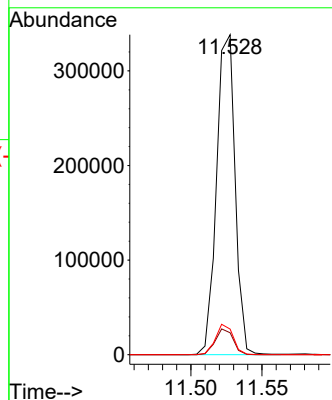
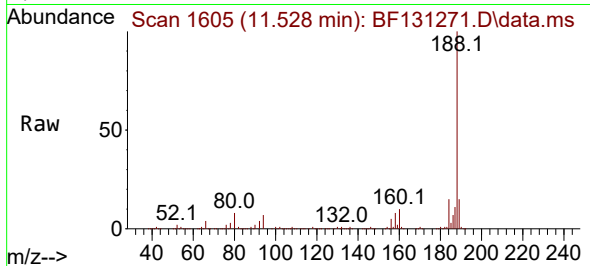




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.528 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF131271.D
Acq: 16 Nov 2022 18:19

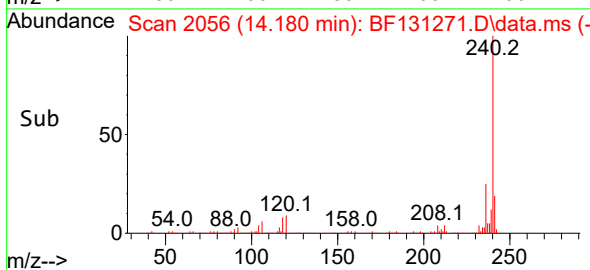
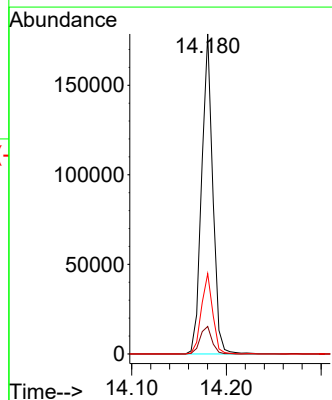
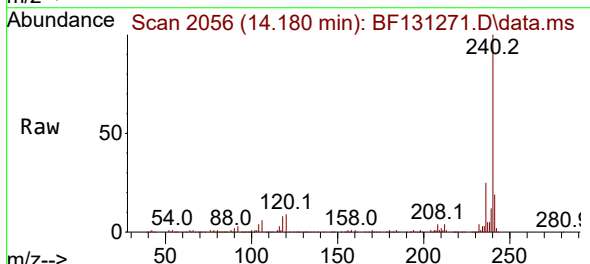
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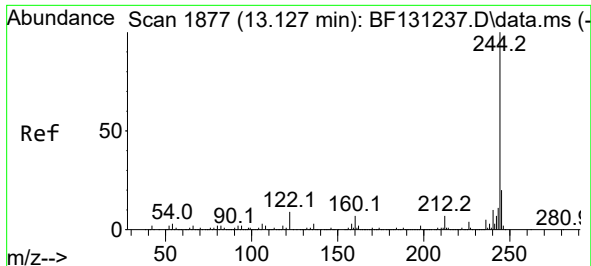
Tgt Ion:188 Resp: 307330
Ion Ratio Lower Upper
188 100
94 6.9 6.8 10.2
80 8.0 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.180 min Scan# 2056
Delta R.T. -0.006 min
Lab File: BF131271.D
Acq: 16 Nov 2022 18:19

Tgt Ion:240 Resp: 146532
Ion Ratio Lower Upper
240 100
120 8.6 7.8 11.6
236 25.1 20.6 31.0

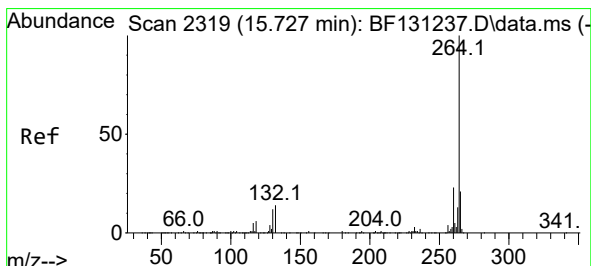
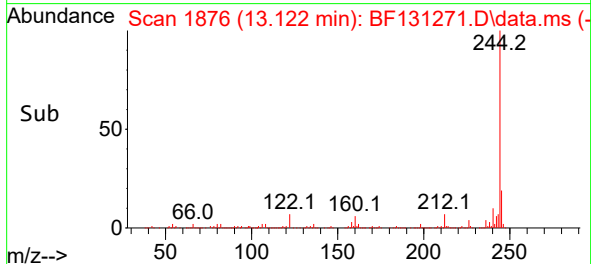
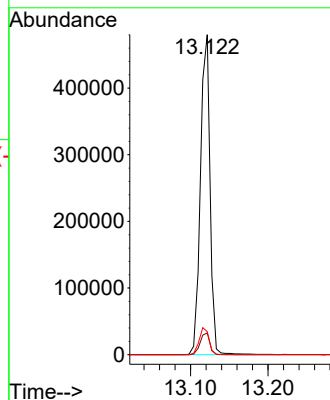
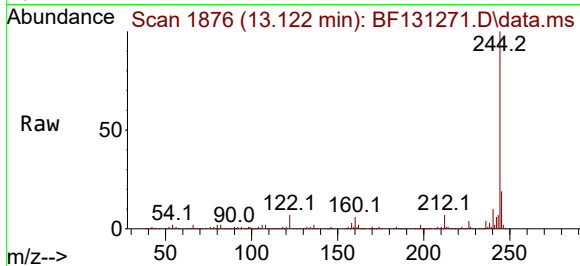




#79
 Terphenyl-d14
 Concen: 48.464 ng
 RT: 13.122 min Scan# 1877
 Delta R.T. -0.005 min
 Lab File: BF131271.D
 Acq: 16 Nov 2022 18:19

Instrument :
 BNA_F
 ClientSampleId :
 MW-06

Tgt Ion:244 Resp: 413536
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.6
 122 7.2 7.4 11.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.727 min Scan# 2319
 Delta R.T. 0.000 min
 Lab File: BF131271.D
 Acq: 16 Nov 2022 18:19

Tgt Ion:264 Resp: 179691
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 27.8
 265 20.9 16.6 24.8

