

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121622\
 Data File : BF131680.D
 Acq On : 16 Dec 2022 22:34
 Operator : CG\JU
 Sample : N6037-24
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-28-(5-7)

Quant Time: Dec 17 03:59:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 01:44:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	77058	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	271288	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	156286	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	301406	20.000	ng	0.00
76) Chrysene-d12	14.080	240	184497	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	170378	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	494350	107.025	ng	0.00
7) Phenol-d6	6.510	99	633694	104.693	ng	0.00
23) Nitrobenzene-d5	7.445	82	434928	60.612	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	170004	97.907	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	740987	59.781	ng	0.00
79) Terphenyl-d14	13.021	244	869019	64.596	ng	0.00

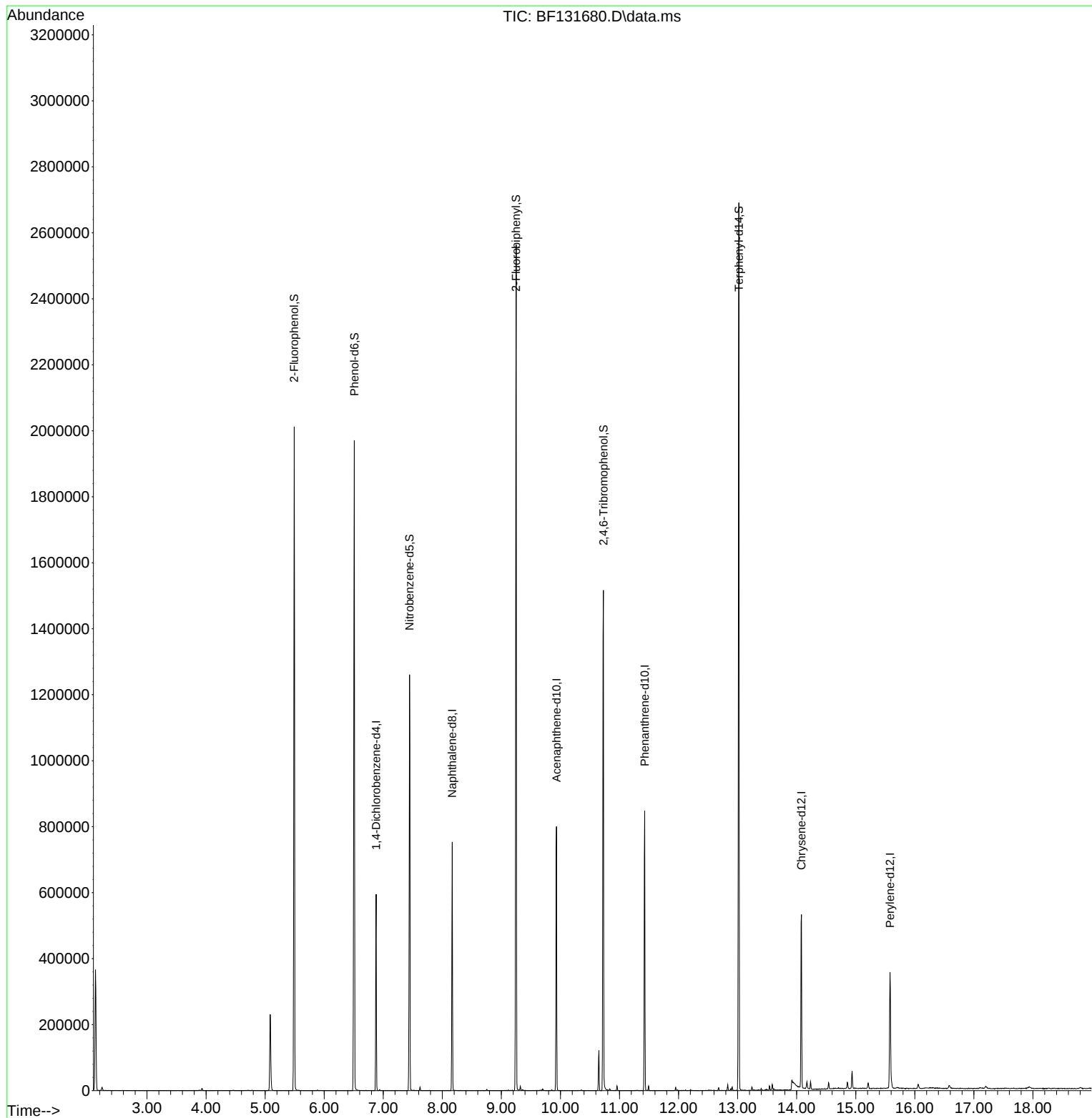
Target Compounds	Qvalue

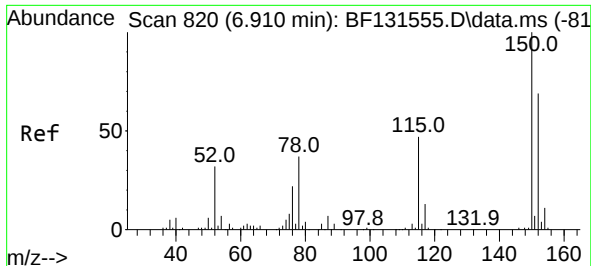
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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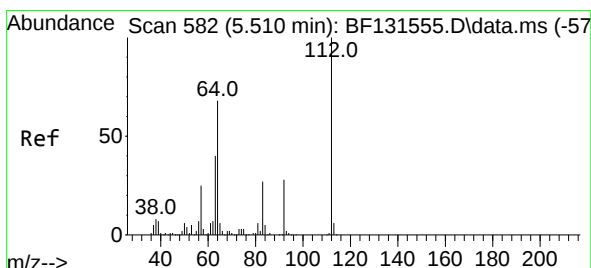
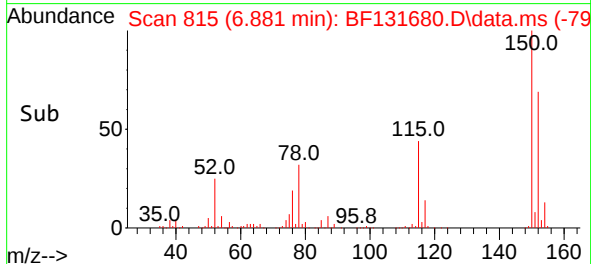
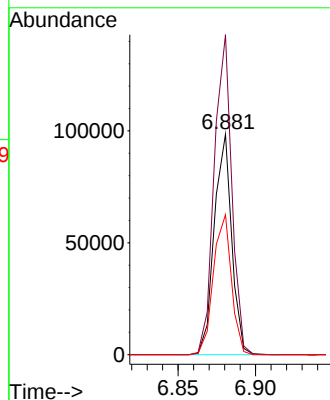
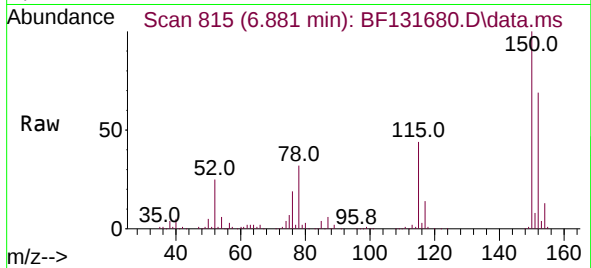




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131680.D
Acq: 16 Dec 2022 22:34

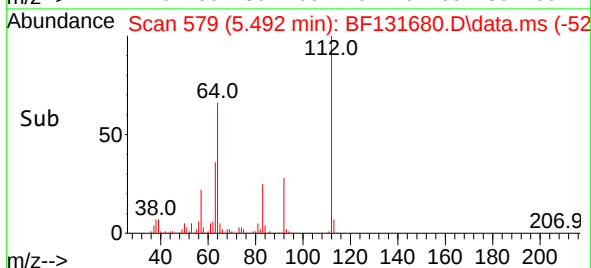
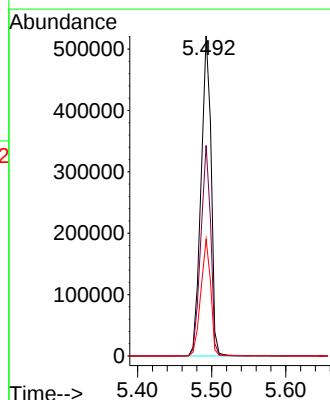
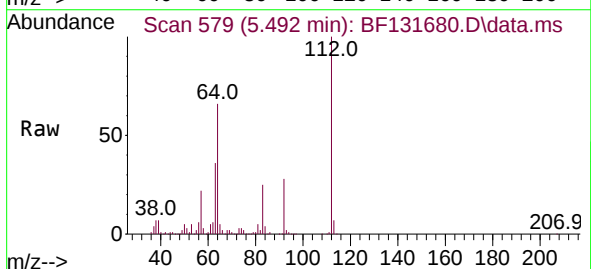
Instrument :
BNA_F
ClientSampleId :
RB-28-(5-7)

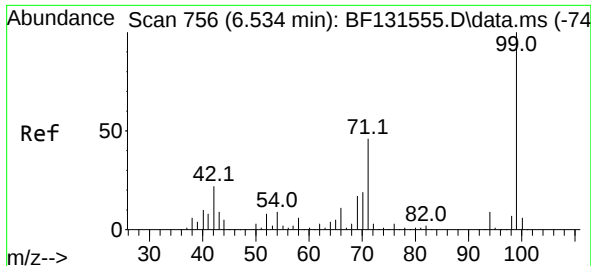
Tgt Ion:152 Resp: 77058
Ion Ratio Lower Upper
152 100
150 145.1 116.7 175.1
115 63.5 54.6 82.0



#5
2-Fluorophenol
Concen: 107.025 ng
RT: 5.492 min Scan# 579
Delta R.T. -0.000 min
Lab File: BF131680.D
Acq: 16 Dec 2022 22:34

Tgt Ion:112 Resp: 494350
Ion Ratio Lower Upper
112 100
64 65.8 54.5 81.7
63 36.5 31.9 47.9

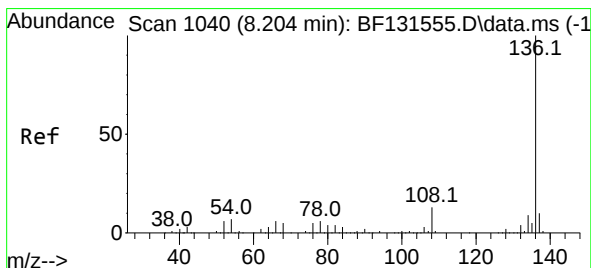
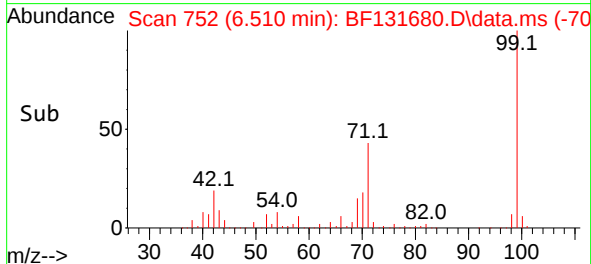
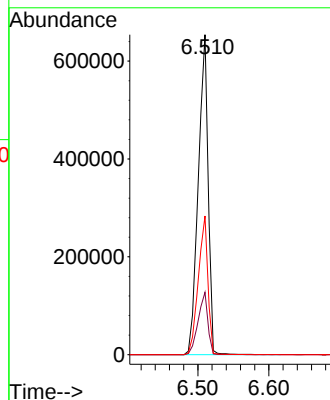
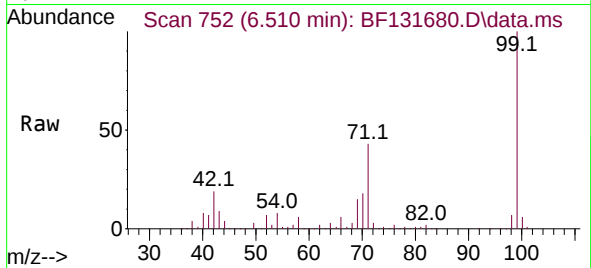




#7
Phenol-d6
Concen: 104.693 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131680.D
Acq: 16 Dec 2022 22:34

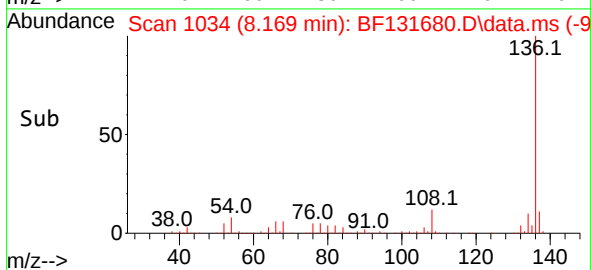
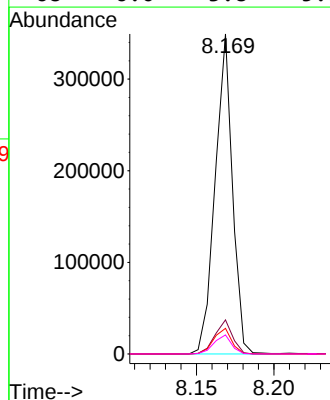
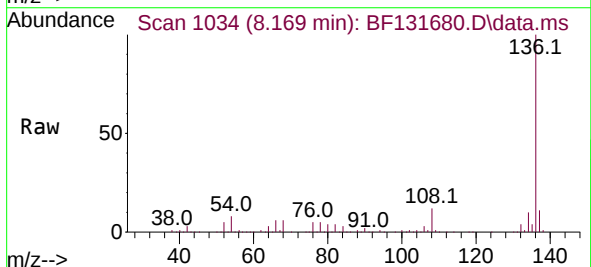
Instrument :
BNA_F
ClientSampleId :
RB-28-(5-7)

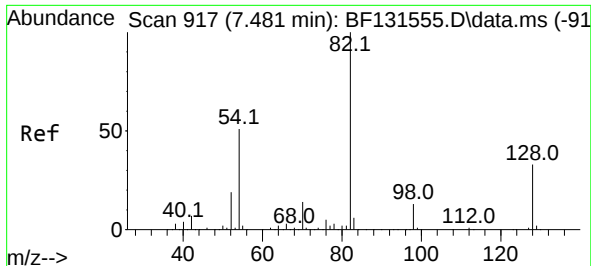
Tgt Ion: 99 Resp: 633694
Ion Ratio Lower Upper
99 100
42 19.5 17.9 26.9
71 43.4 37.2 55.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF131680.D
Acq: 16 Dec 2022 22:34

Tgt Ion: 136 Resp: 271288
Ion Ratio Lower Upper
136 100
137 10.6 8.1 12.1
54 8.0 6.0 9.0
68 6.0 3.8 5.8

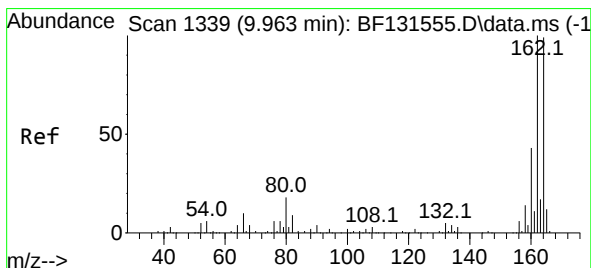
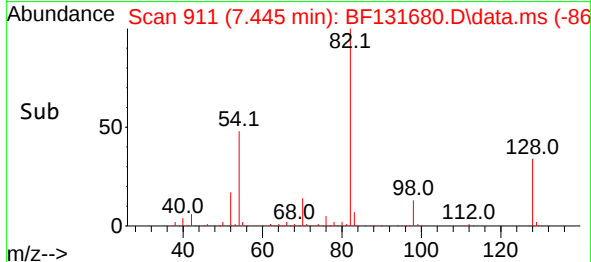
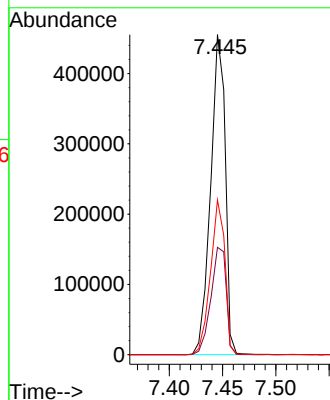
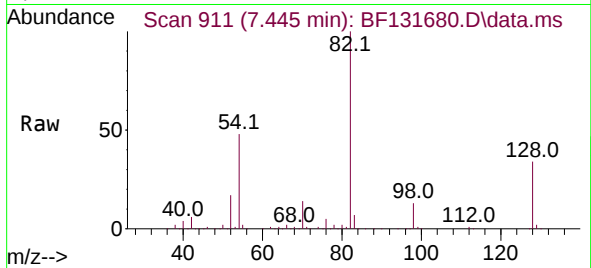




#23
Nitrobenzene-d5
Concen: 60.612 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF131680.D
Acq: 16 Dec 2022 22:34

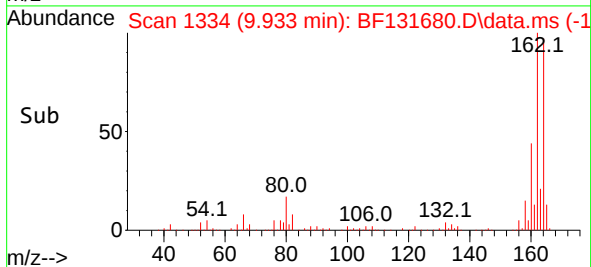
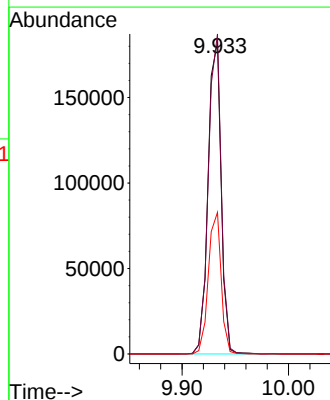
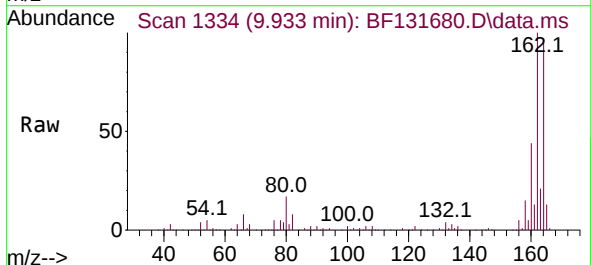
Instrument :
BNA_F
ClientSampleId :
RB-28-(5-7)

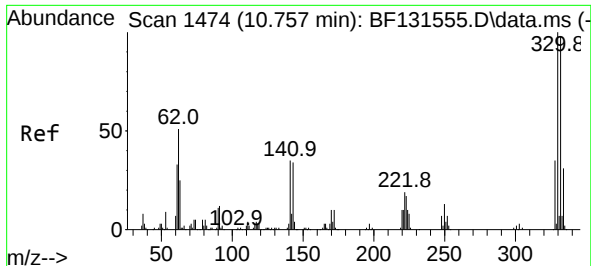
Tgt Ion: 82 Resp: 434928
Ion Ratio Lower Upper
82 100
128 33.6 26.1 39.1
54 48.4 40.6 60.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF131680.D
Acq: 16 Dec 2022 22:34

Tgt Ion:164 Resp: 156286
Ion Ratio Lower Upper
164 100
162 102.7 81.0 121.6
160 45.4 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 97.907 ng

RT: 10.727 min Scan# 1469

Delta R.T. -0.006 min

Lab File: BF131680.D

Acq: 16 Dec 2022 22:34

Instrument :

BNA_F

ClientSampleId :

RB-28-(5-7)

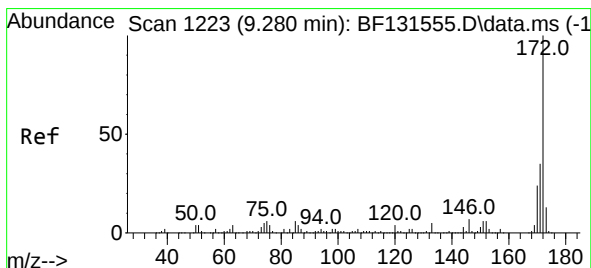
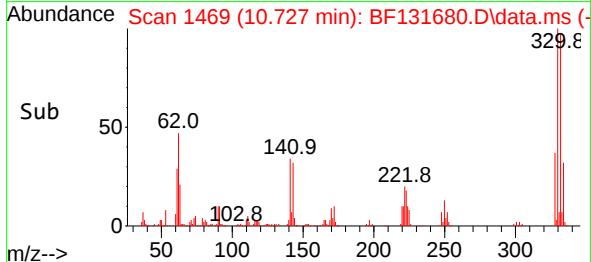
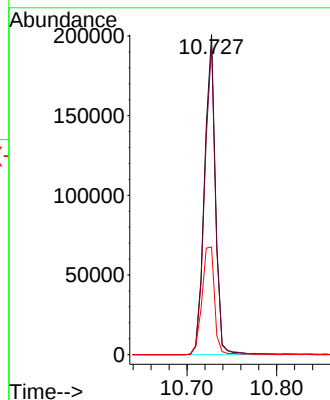
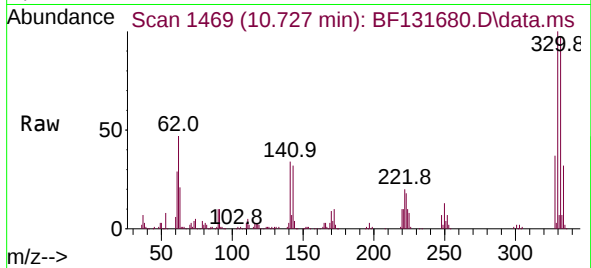
Tgt Ion:330 Resp: 170004

Ion Ratio Lower Upper

330 100

332 96.3 78.3 117.5

141 38.7 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 59.781 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.000 min

Lab File: BF131680.D

Acq: 16 Dec 2022 22:34

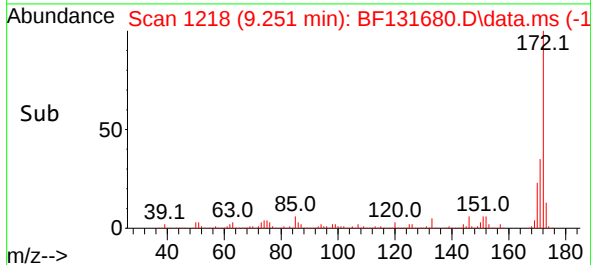
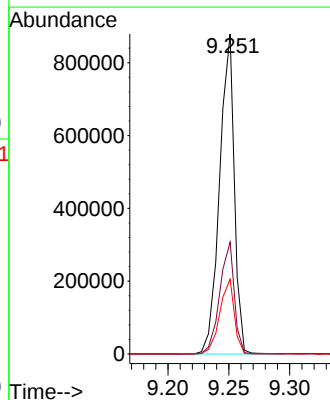
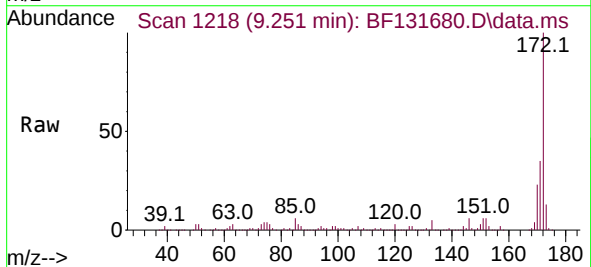
Tgt Ion:172 Resp: 740987

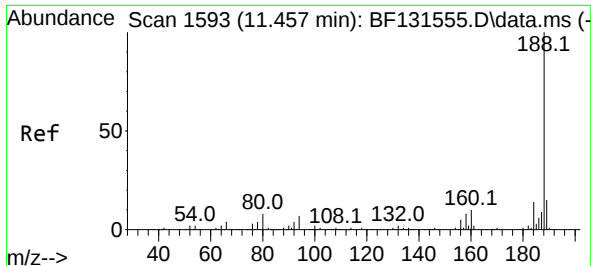
Ion Ratio Lower Upper

172 100

171 34.9 28.3 42.5

170 23.3 19.3 28.9

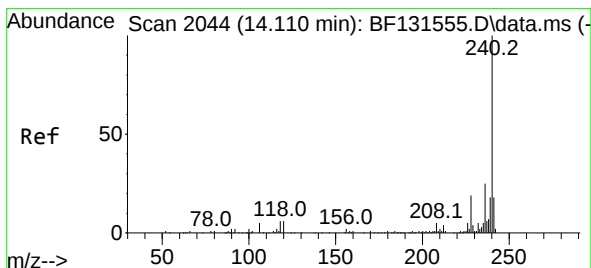
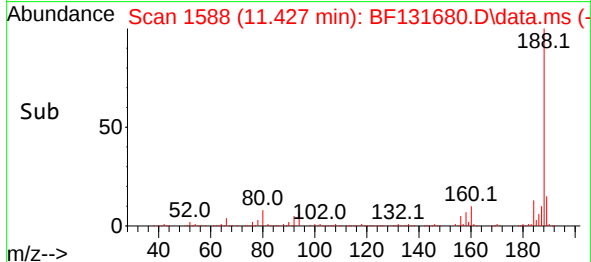
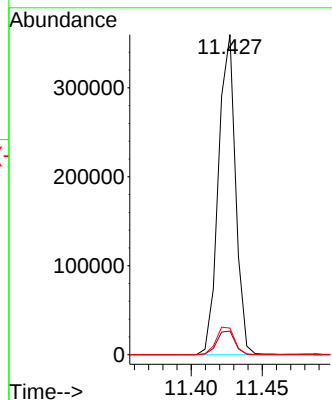
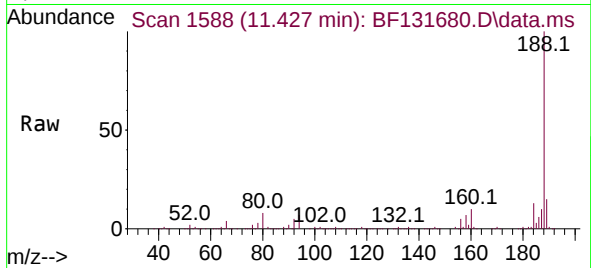




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131680.D
Acq: 16 Dec 2022 22:34

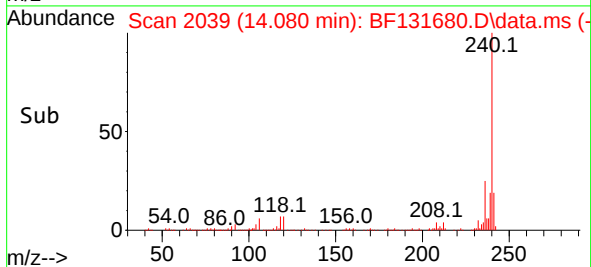
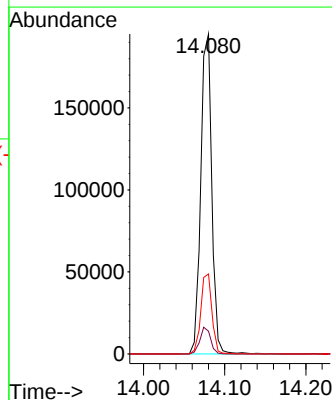
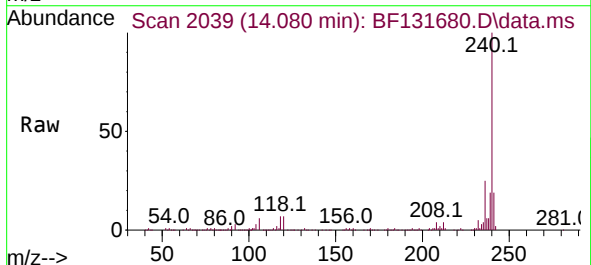
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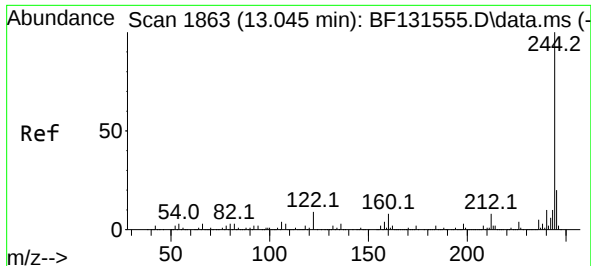
Tgt Ion:188 Resp: 301406
Ion Ratio Lower Upper
188 100
94 7.4 5.5 8.3
80 8.3 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.000 min
Lab File: BF131680.D
Acq: 16 Dec 2022 22:34

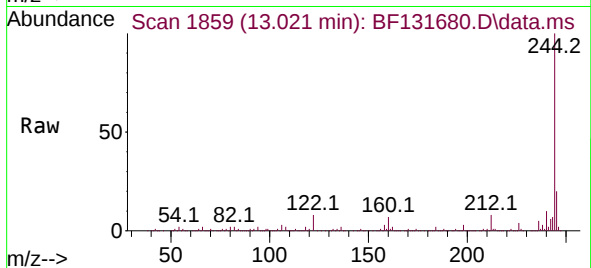
Tgt Ion:240 Resp: 184497
Ion Ratio Lower Upper
240 100
120 7.1 4.6 7.0#
236 25.0 20.2 30.2



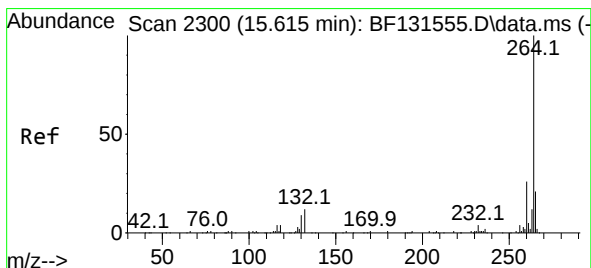
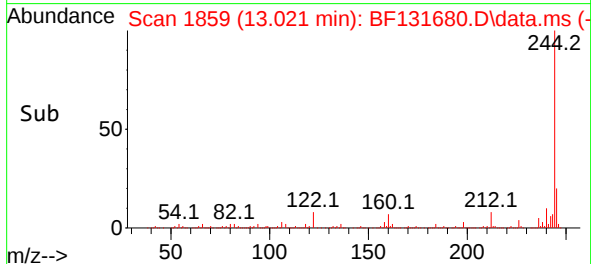
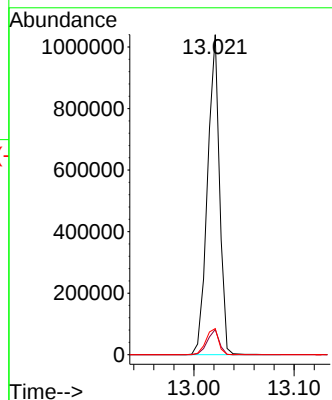


#79
Terphenyl-d14
Concen: 64.596 ng
RT: 13.021 min Scan# 1859
Delta R.T. -0.000 min
Lab File: BF131680.D
Acq: 16 Dec 2022 22:34

Instrument :
BNA_F
ClientSampleId :
RB-28-(5-7)



Tgt Ion:244 Resp: 869019
Ion Ratio Lower Upper
244 100
212 7.9 6.5 9.7
122 8.2 7.1 10.7



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2294
Delta R.T. -0.000 min
Lab File: BF131680.D
Acq: 16 Dec 2022 22:34

Tgt Ion:264 Resp: 170378
Ion Ratio Lower Upper
264 100
260 23.9 20.6 30.8
265 20.9 16.8 25.2

