

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121422\
 Data File : BF131632.D
 Acq On : 14 Dec 2022 15:47
 Operator : CG\JU
 Sample : PB149516TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149516TB

Quant Time: Dec 15 01:54:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 14 03:22:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	69199	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	254958	20.000	ng	# 0.00
39) Acenaphthene-d10	9.934	164	151381	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	295584	20.000	ng	0.00
76) Chrysene-d12	14.080	240	173449	20.000	ng	# 0.00
86) Perylene-d12	15.586	264	135804	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	593883	143.176	ng	0.01
7) Phenol-d6	6.516	99	774248	142.442	ng	0.00
23) Nitrobenzene-d5	7.451	82	526767	78.112	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	224688	133.593	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	944372	78.658	ng	0.00
79) Terphenyl-d14	13.027	244	1099268	86.915	ng	0.00

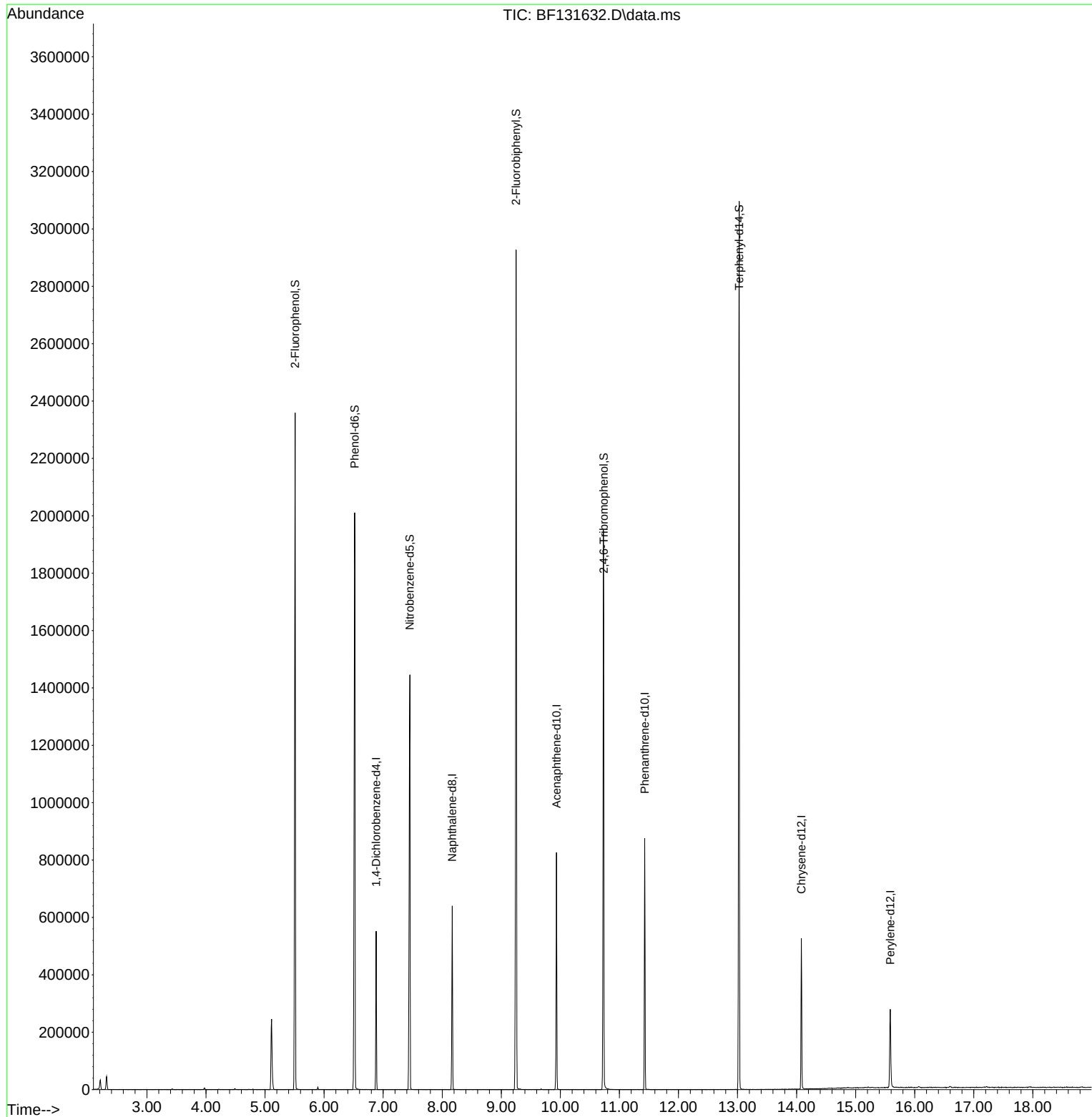
Target Compounds	Qvalue

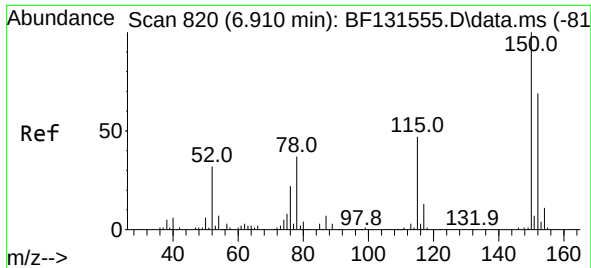
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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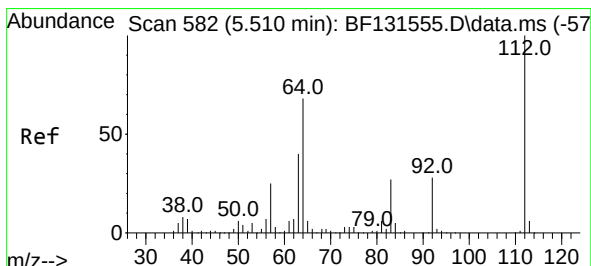
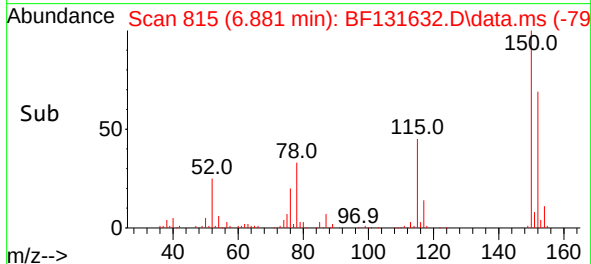
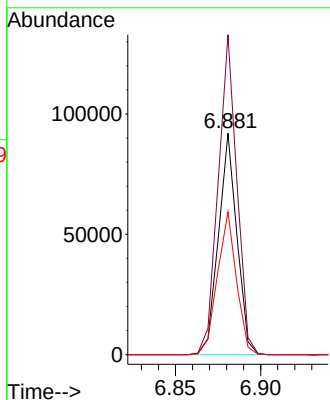
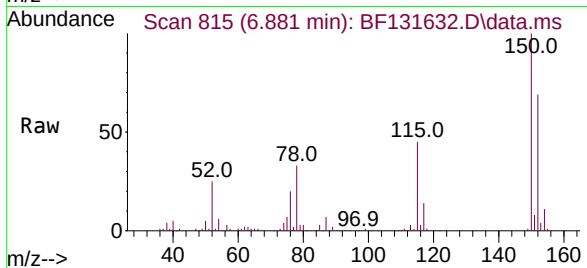




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 81
 Delta R.T. -0.005 min
 Lab File: BF131632.D
 Acq: 14 Dec 2022 15:47

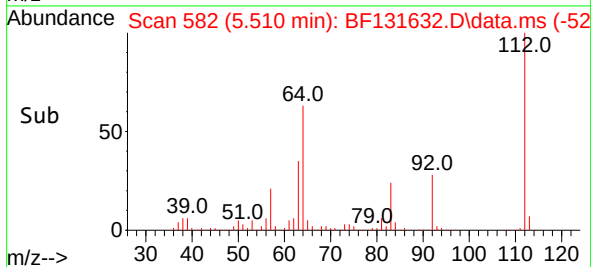
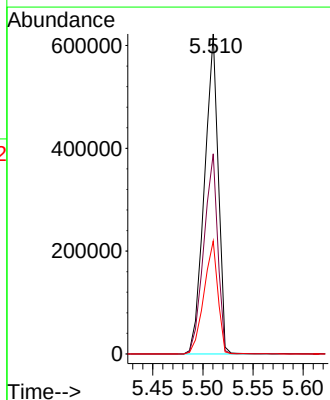
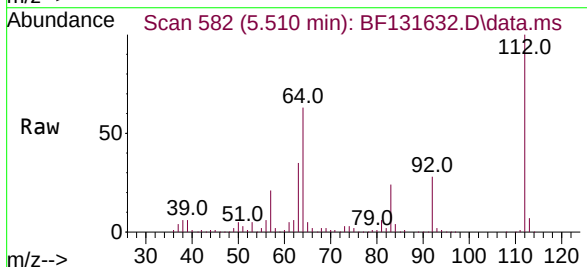
Instrument :
 BNA_F
 ClientSampleId :
 PB149516TB

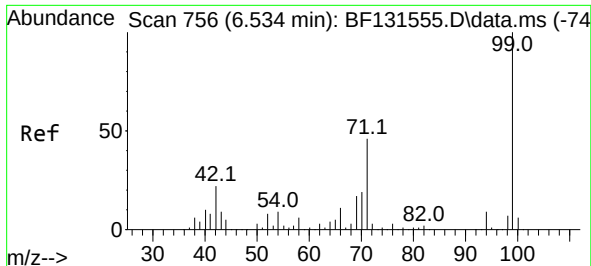
Tgt Ion:152 Resp: 69199
 Ion Ratio Lower Upper
 152 100
 150 144.5 116.7 175.1
 115 64.5 54.6 82.0



#5
 2-Fluorophenol
 Concen: 143.176 ng
 RT: 5.510 min Scan# 582
 Delta R.T. 0.012 min
 Lab File: BF131632.D
 Acq: 14 Dec 2022 15:47

Tgt Ion:112 Resp: 593883
 Ion Ratio Lower Upper
 112 100
 64 62.5 54.5 81.7
 63 35.3 31.9 47.9

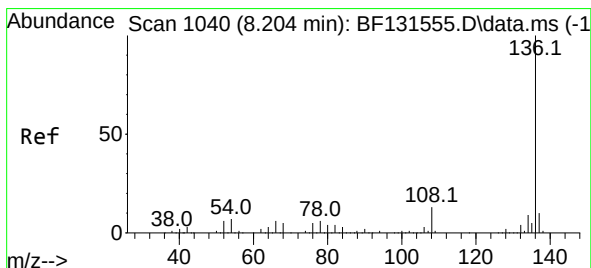
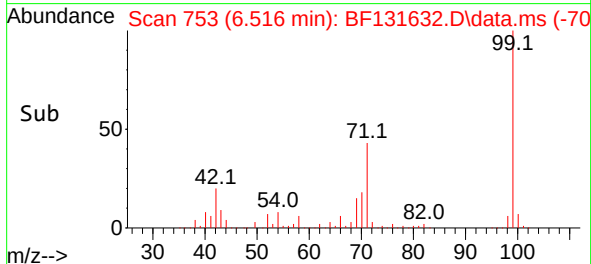
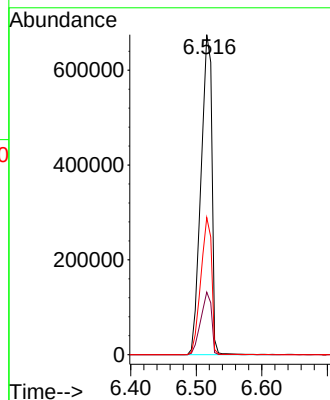
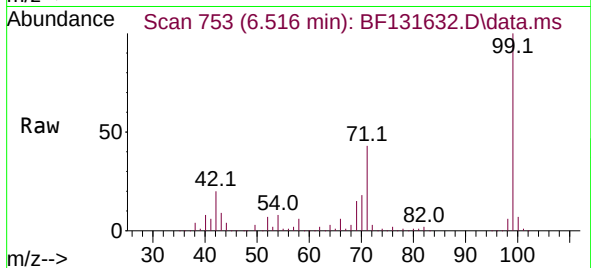




#7
Phenol-d6
Concen: 142.442 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131632.D
Acq: 14 Dec 2022 15:47

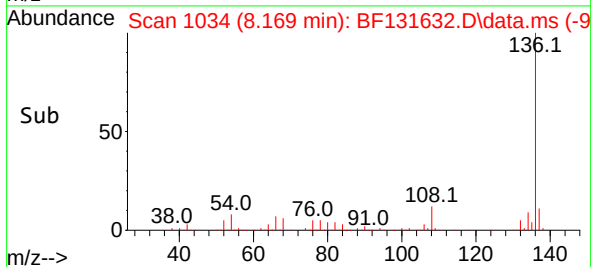
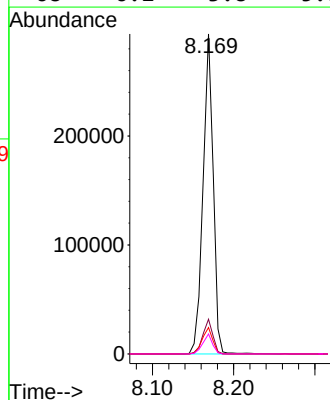
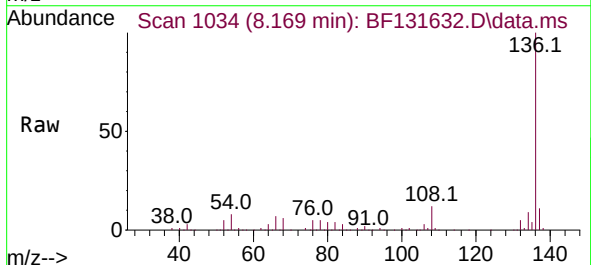
Instrument :
BNA_F
ClientSampleId :
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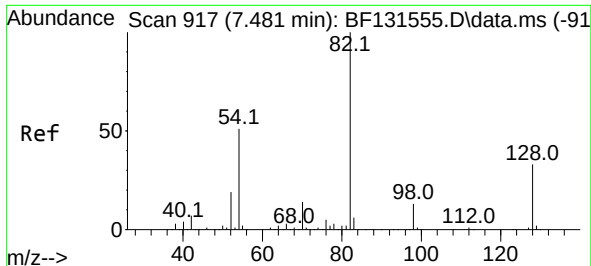
Tgt Ion: 99 Resp: 774248
Ion Ratio Lower Upper
99 100
42 19.5 17.9 26.9
71 42.8 37.2 55.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF131632.D
Acq: 14 Dec 2022 15:47

Tgt Ion: 136 Resp: 254958
Ion Ratio Lower Upper
136 100
137 10.8 8.1 12.1
54 8.2 6.0 9.0
68 6.2 3.8 5.8

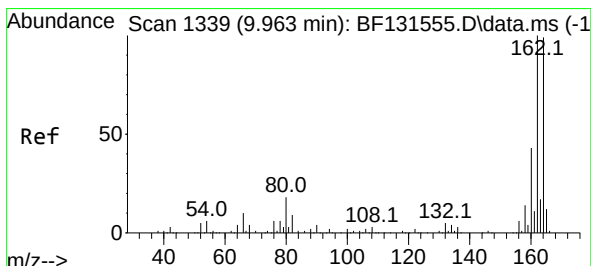
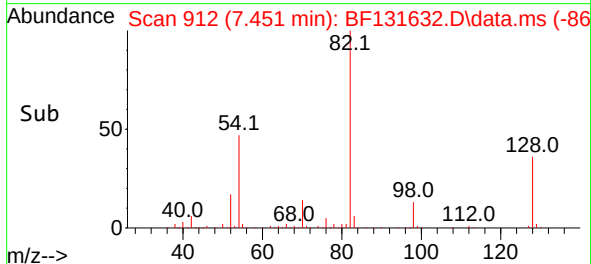
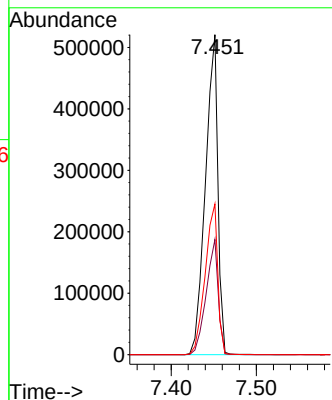
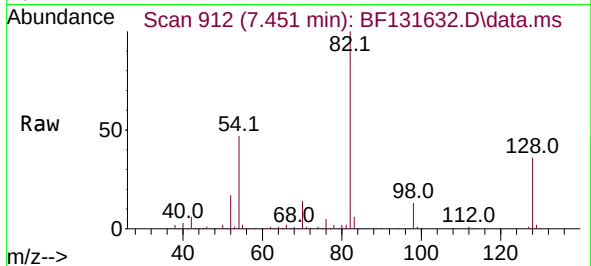




#23
Nitrobenzene-d5
Concen: 78.112 ng
RT: 7.451 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF131632.D
Acq: 14 Dec 2022 15:47

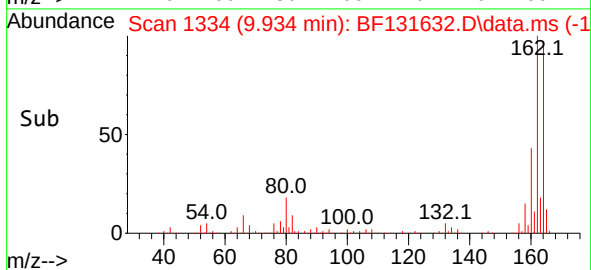
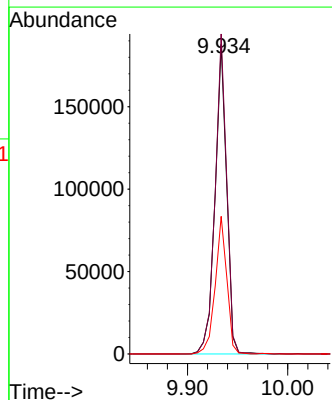
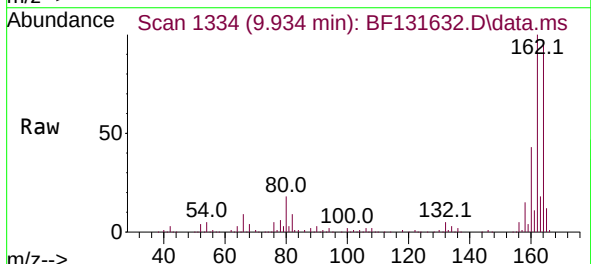
Instrument :
BNA_F
ClientSampleId :
PB149516TB

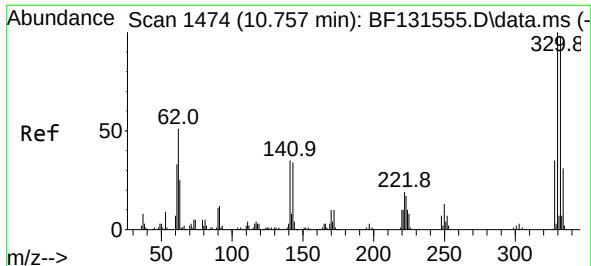
Tgt Ion: 82 Resp: 526767
Ion Ratio Lower Upper
82 100
128 36.0 26.1 39.1
54 47.1 40.6 60.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.934 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF131632.D
Acq: 14 Dec 2022 15:47

Tgt Ion:164 Resp: 151381
Ion Ratio Lower Upper
164 100
162 103.4 81.0 121.6
160 44.5 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 133.593 ng

RT: 10.733 min Scan# 1474

Delta R.T. 0.000 min

Lab File: BF131632.D

Acq: 14 Dec 2022 15:47

Instrument :

BNA_F

ClientSampleId :

PB149516TB

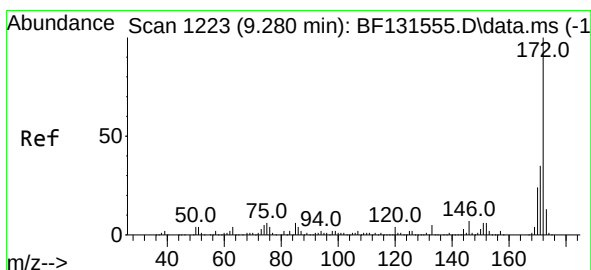
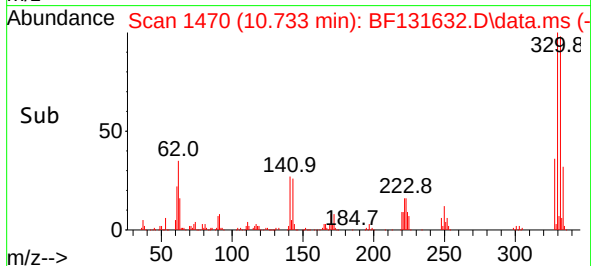
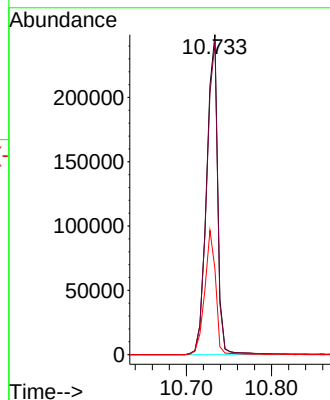
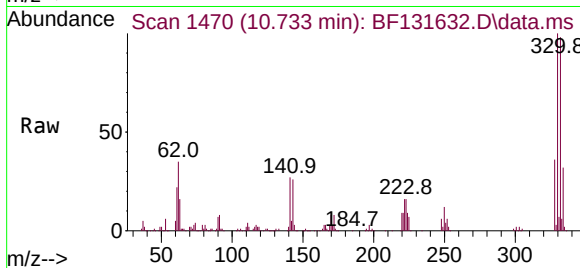
Tgt Ion:330 Resp: 224688

Ion Ratio Lower Upper

330 100

332 97.8 78.3 117.5

141 38.3 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 78.658 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BF131632.D

Acq: 14 Dec 2022 15:47

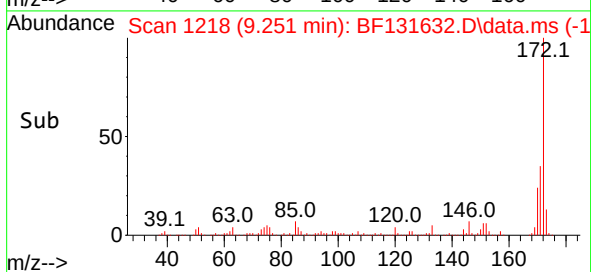
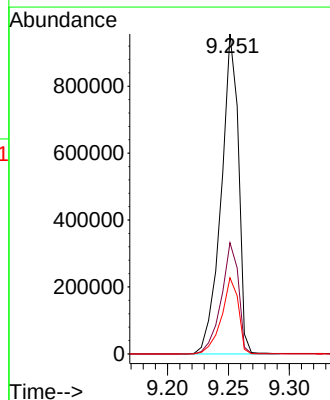
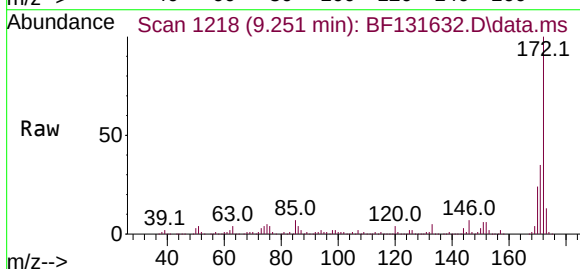
Tgt Ion:172 Resp: 944372

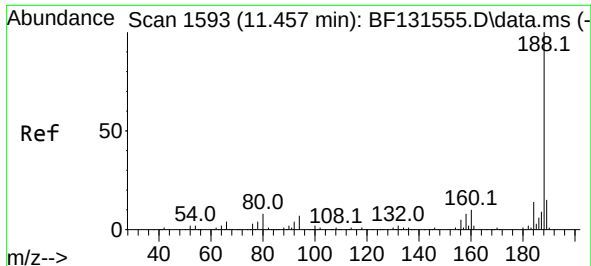
Ion Ratio Lower Upper

172 100

171 34.7 28.3 42.5

170 23.8 19.3 28.9

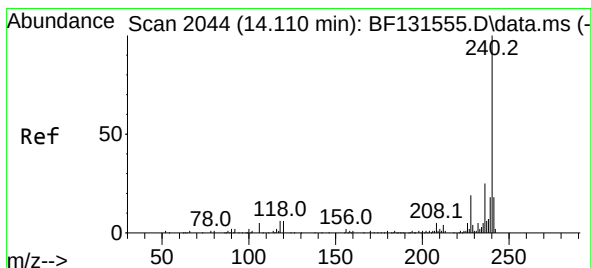
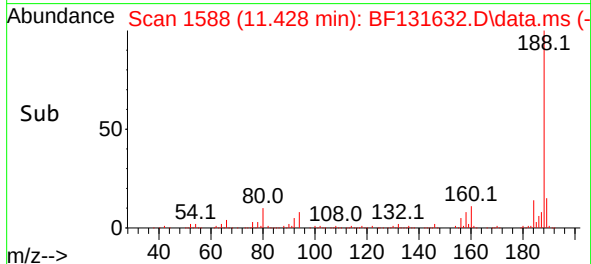
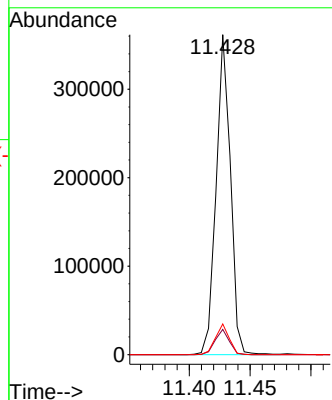
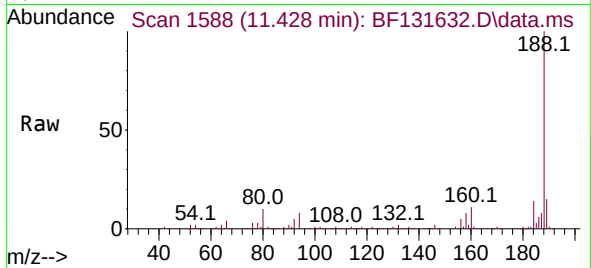




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131632.D
Acq: 14 Dec 2022 15:47

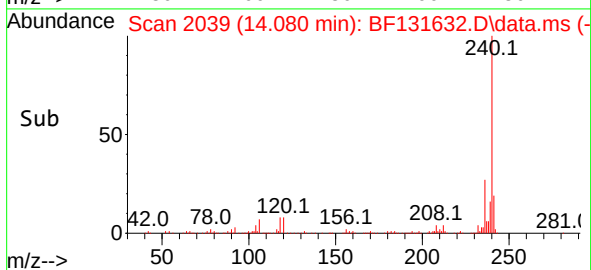
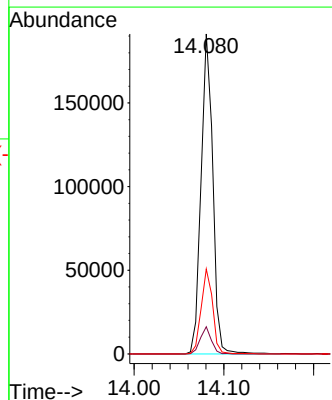
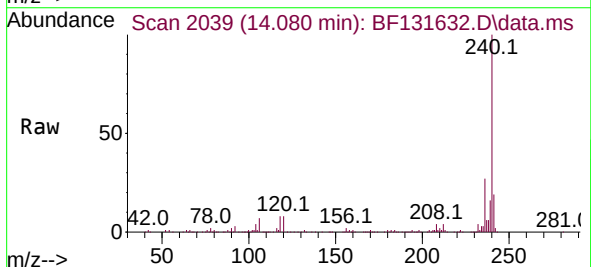
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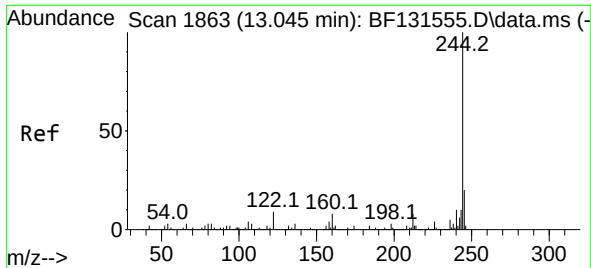
Tgt Ion:188 Resp: 295584
Ion Ratio Lower Upper
188 100
94 7.9 5.5 8.3
80 9.6 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF131632.D
Acq: 14 Dec 2022 15:47

Tgt Ion:240 Resp: 173449
Ion Ratio Lower Upper
240 100
120 8.5 4.6 7.0#
236 26.5 20.2 30.2

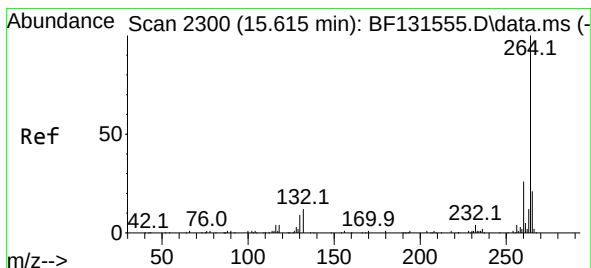
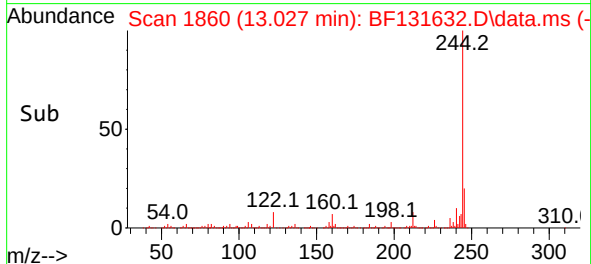
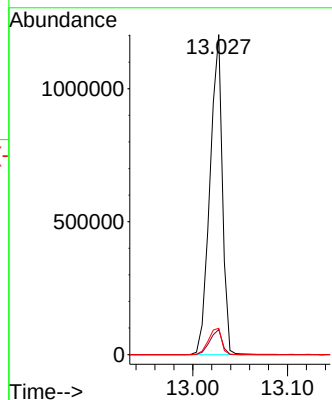
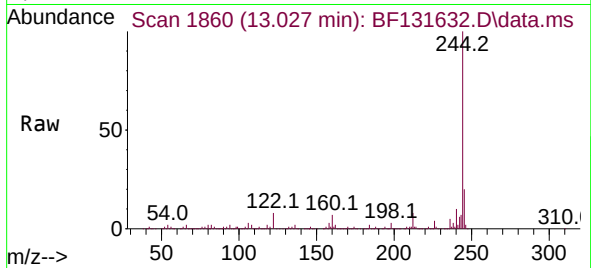




#79
 Terphenyl-d14
 Concen: 86.915 ng
 RT: 13.027 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: BF131632.D
 Acq: 14 Dec 2022 15:47

Instrument :
 BNA_F
 ClientSampleId :
 PB149516TB

Tgt Ion:244 Resp: 1099268
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 8.2 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 2295
 Delta R.T. -0.006 min
 Lab File: BF131632.D
 Acq: 14 Dec 2022 15:47

Tgt Ion:264 Resp: 135804
 Ion Ratio Lower Upper
 264 100
 260 22.8 20.6 30.8
 265 20.7 16.8 25.2

