

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121622\
 Data File : BF131662.D
 Acq On : 16 Dec 2022 12:35
 Operator : CG\JU
 Sample : PB149631BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149631BL

Quant Time: Dec 16 16:57:18 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	73232	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	263292	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	158551	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	323575	20.000	ng	0.00
76) Chrysene-d12	14.080	240	258460	20.000	ng	# 0.00
86) Perylene-d12	15.586	264	206334	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	570806	130.034	ng	0.01
7) Phenol-d6	6.510	99	738569	128.395	ng	0.00
23) Nitrobenzene-d5	7.451	82	510859	73.356	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	231596	131.473	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	914379	72.716	ng	0.00
79) Terphenyl-d14	13.027	244	1275768	67.693	ng	0.00

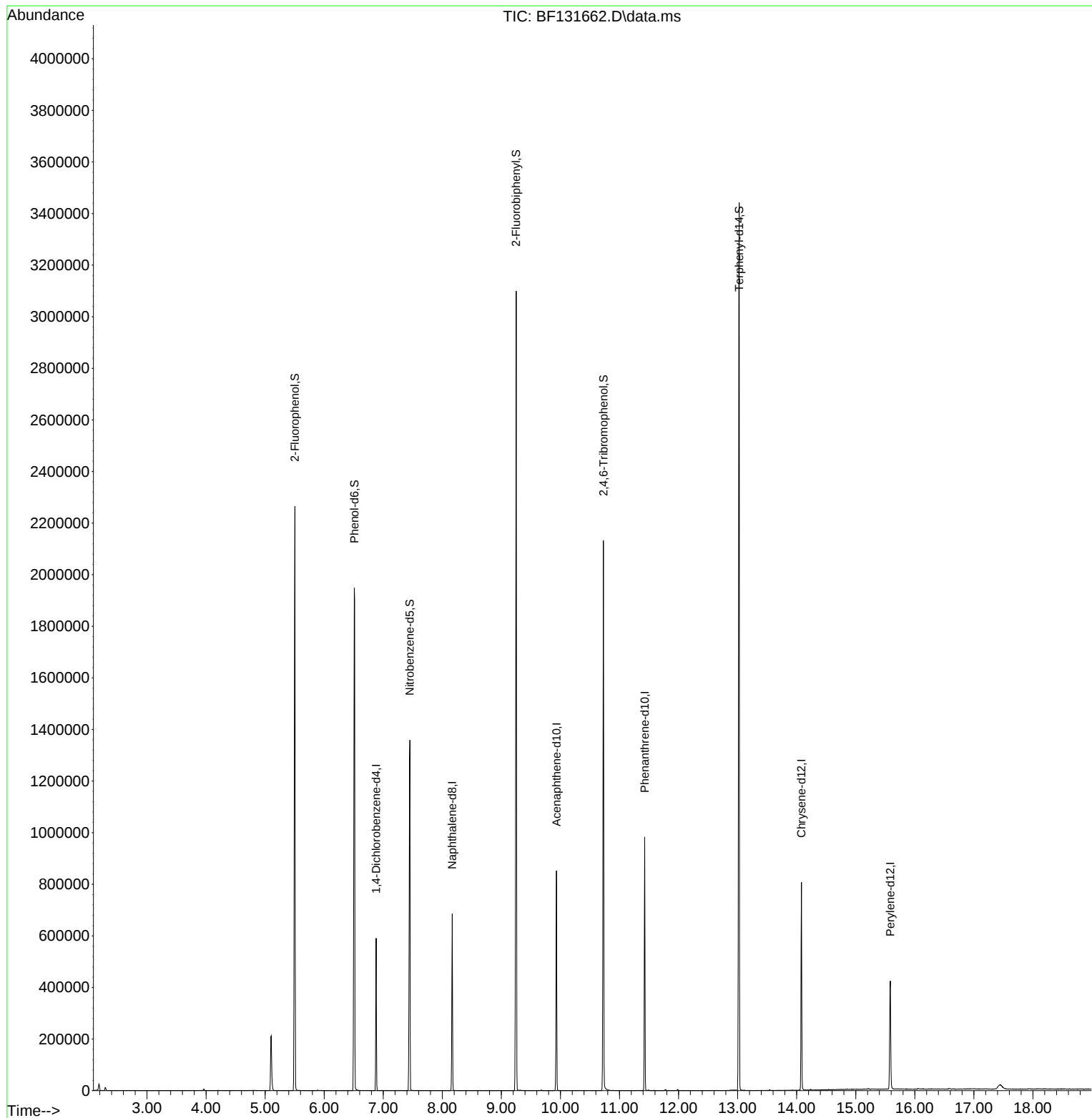
Target Compounds	Qvalue

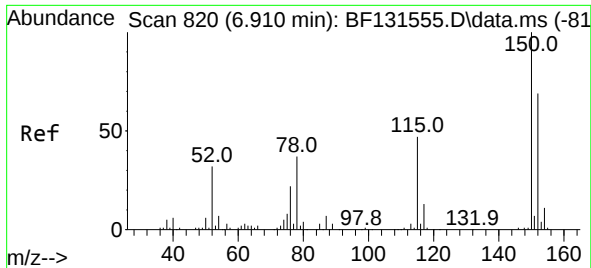
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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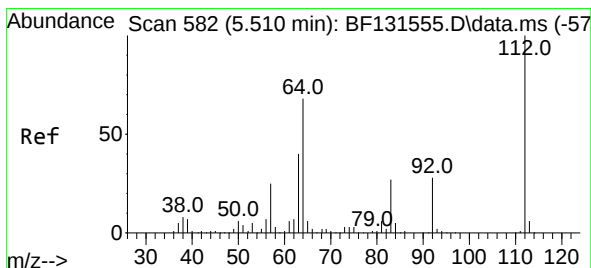
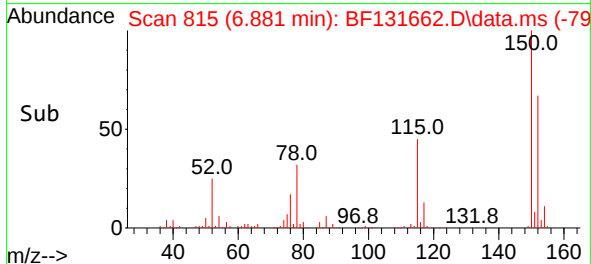
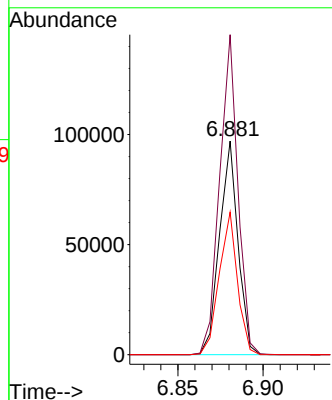
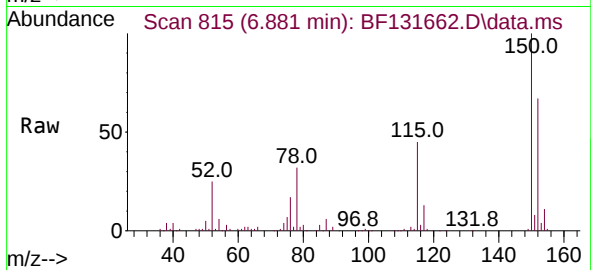




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131662.D
Acq: 16 Dec 2022 12:35

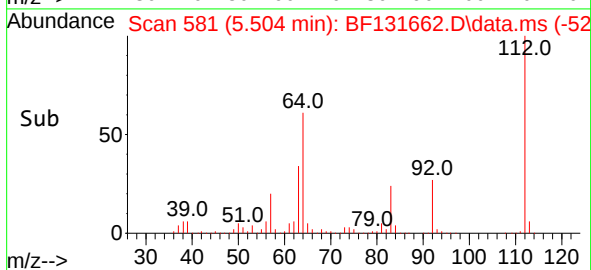
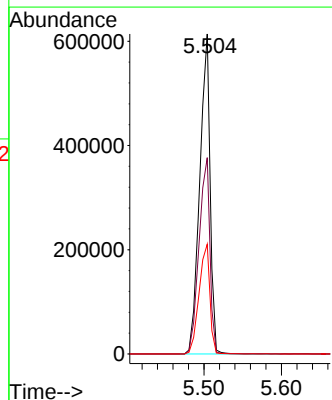
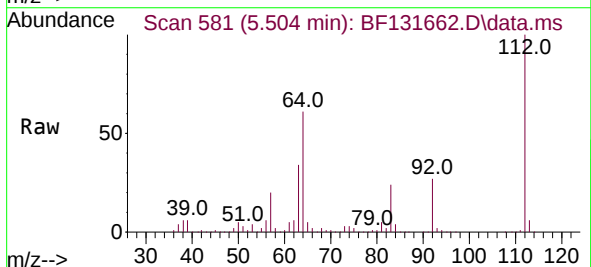
Instrument :
BNA_F
ClientSampleId :
PB149631BL

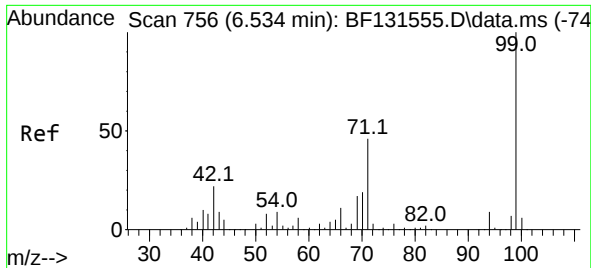
Tgt Ion:152 Resp: 73232
Ion Ratio Lower Upper
152 100
150 149.8 116.7 175.1
115 66.7 54.6 82.0



#5
2-Fluorophenol
Concen: 130.034 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF131662.D
Acq: 16 Dec 2022 12:35

Tgt Ion:112 Resp: 570806
Ion Ratio Lower Upper
112 100
64 61.3 54.5 81.7
63 34.3 31.9 47.9

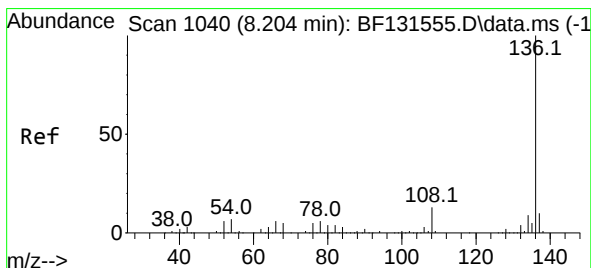
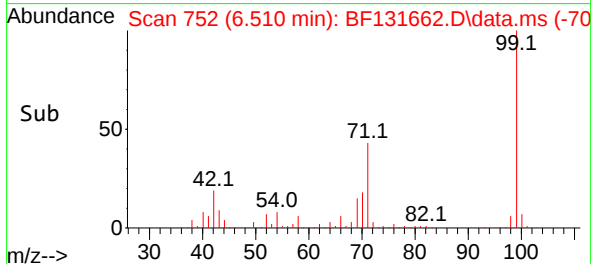
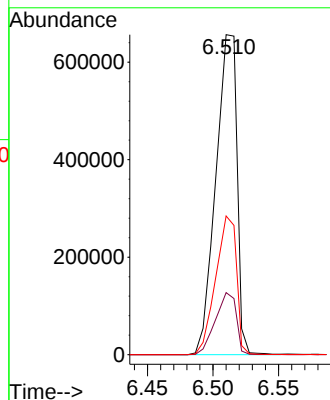
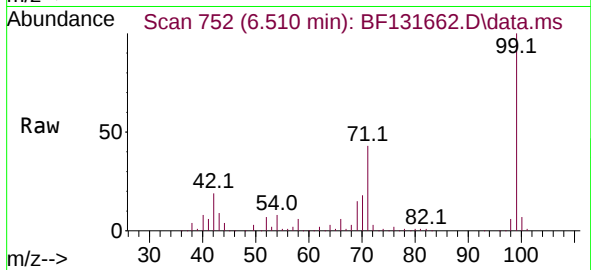




#7
Phenol-d6
Concen: 128.395 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131662.D
Acq: 16 Dec 2022 12:35

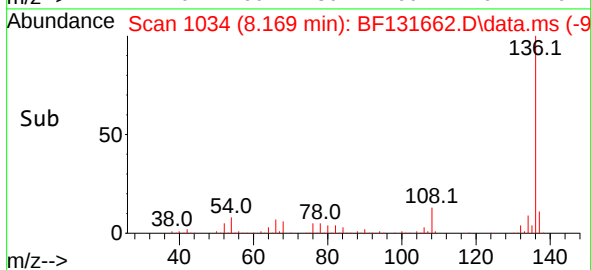
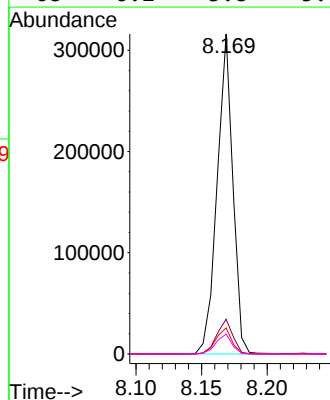
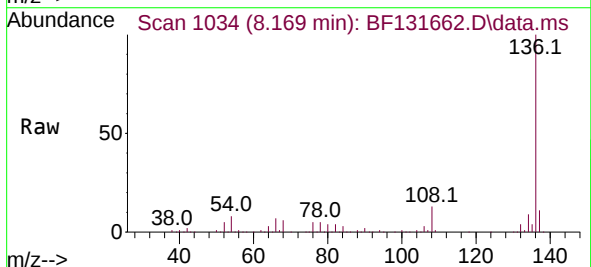
Instrument :
BNA_F
ClientSampleId :
PB149631BL

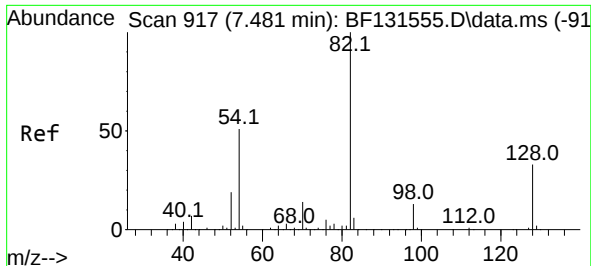
Tgt Ion: 99 Resp: 738569
Ion Ratio Lower Upper
99 100
42 19.4 17.9 26.9
71 43.4 37.2 55.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF131662.D
Acq: 16 Dec 2022 12:35

Tgt Ion:136 Resp: 263292
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#

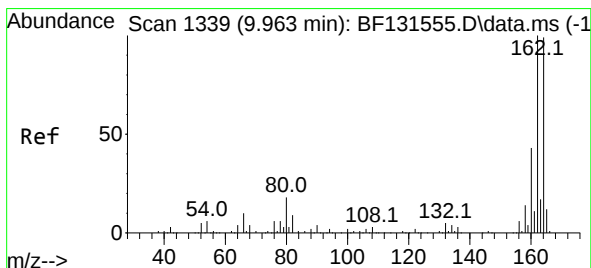
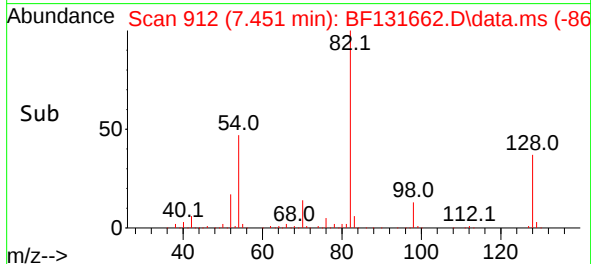
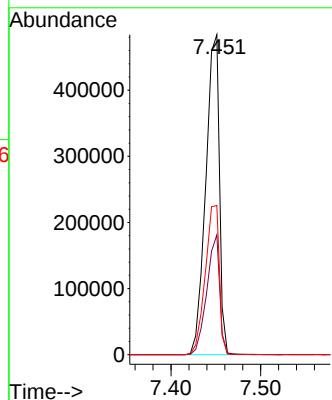
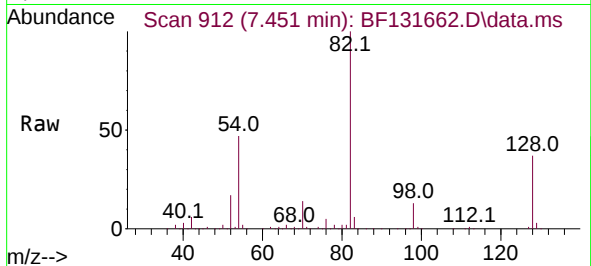




#23
Nitrobenzene-d5
Concen: 73.356 ng
RT: 7.451 min Scan# 917
Delta R.T. -0.000 min
Lab File: BF131662.D
Acq: 16 Dec 2022 12:35

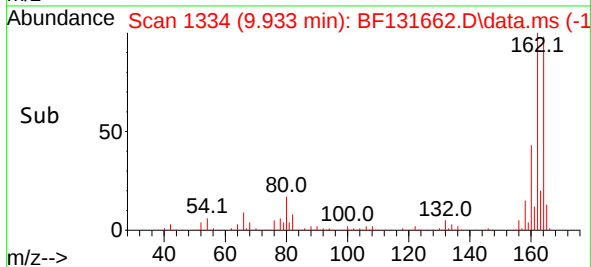
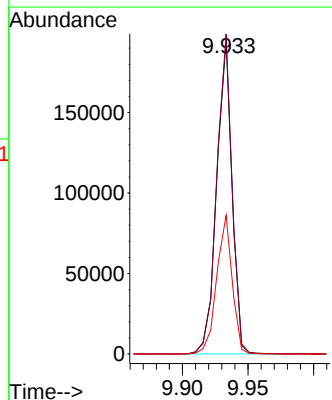
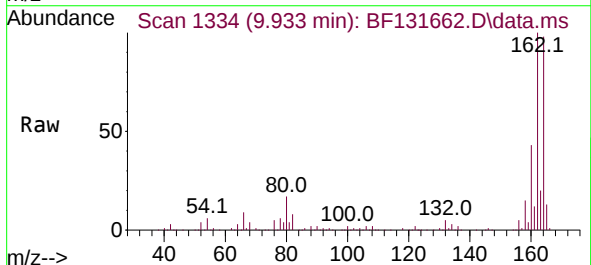
Instrument :
BNA_F
ClientSampleId :
PB149631BL

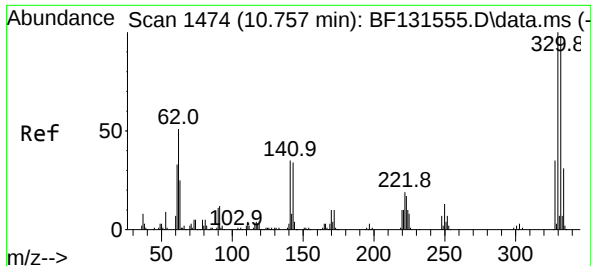
Tgt Ion: 82 Resp: 510859
Ion Ratio Lower Upper
82 100
128 37.4 26.1 39.1
54 46.6 40.6 60.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF131662.D
Acq: 16 Dec 2022 12:35

Tgt Ion:164 Resp: 158551
Ion Ratio Lower Upper
164 100
162 101.9 81.0 121.6
160 44.2 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 131.473 ng

RT: 10.727 min Scan# 1469

Delta R.T. -0.006 min

Lab File: BF131662.D

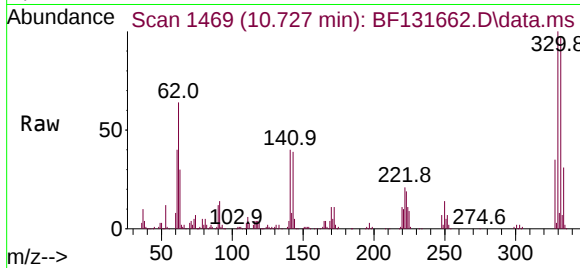
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Instrument :

BNA_F

ClientSampleId :

PB149631BL



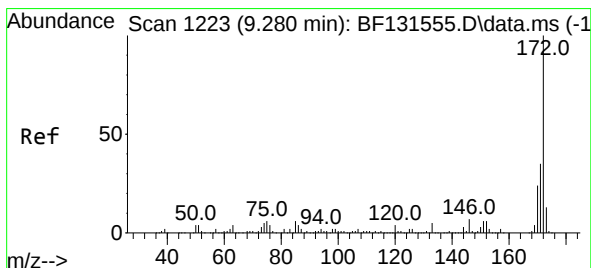
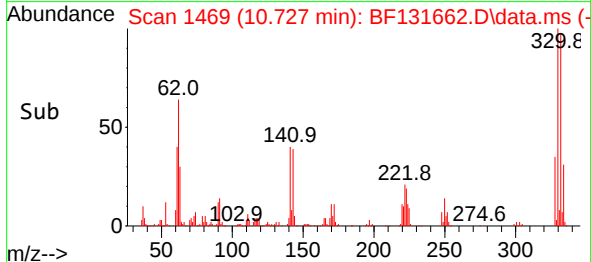
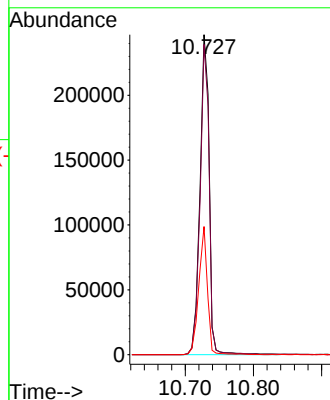
Tgt Ion:330 Resp: 231596

Ion Ratio Lower Upper

330 100

332 95.4 78.3 117.5

141 37.7 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 72.716 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.000 min

Lab File: BF131662.D

Acq: 16 Dec 2022 12:35

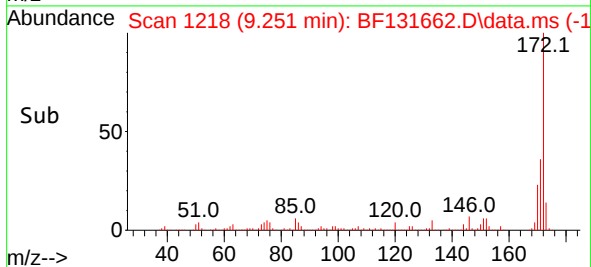
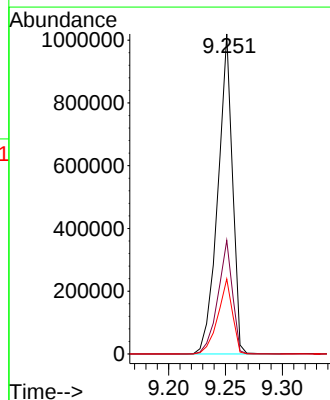
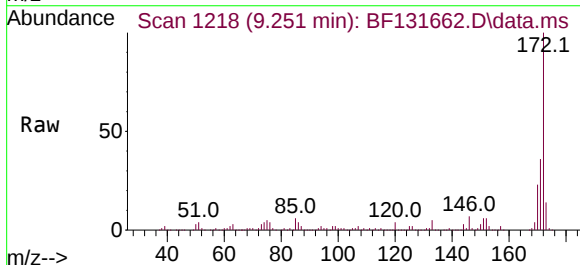
Tgt Ion:172 Resp: 914379

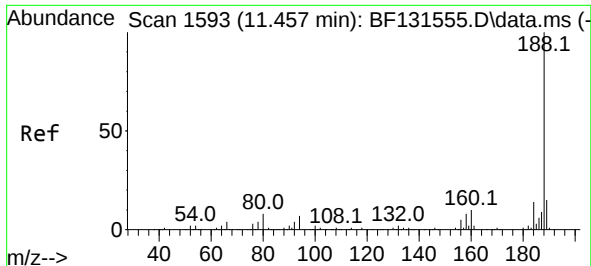
Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.5 19.3 28.9

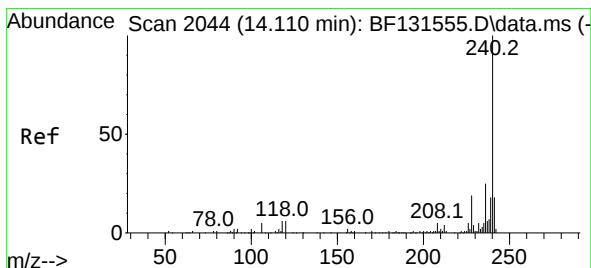
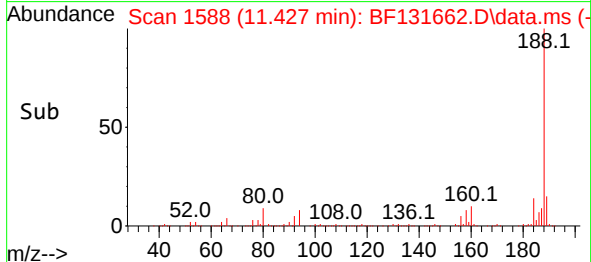
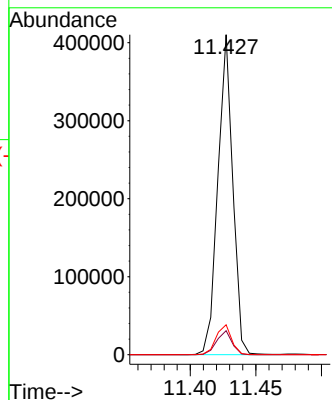
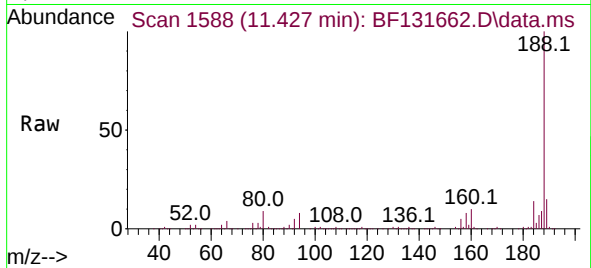




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131662.D
Acq: 16 Dec 2022 12:35

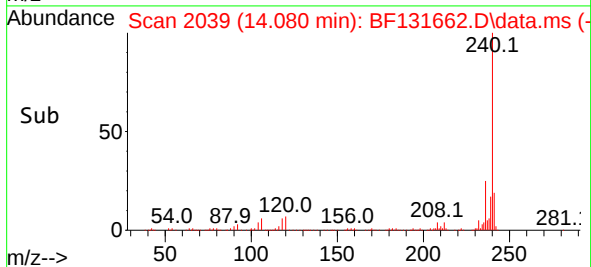
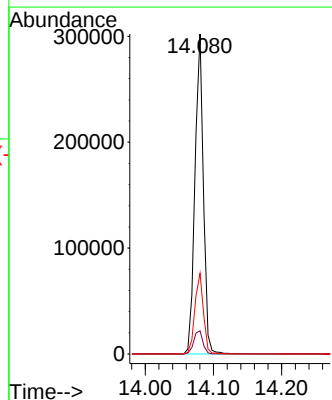
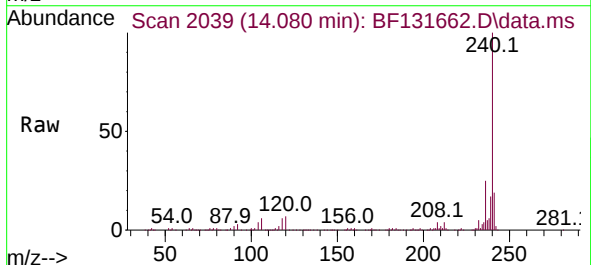
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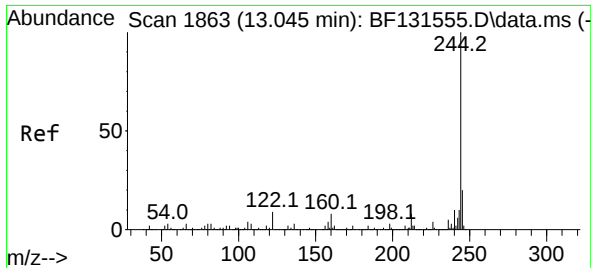
Tgt Ion:188 Resp: 323575
Ion Ratio Lower Upper
188 100
94 7.5 5.5 8.3
80 9.4 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.000 min
Lab File: BF131662.D
Acq: 16 Dec 2022 12:35

Tgt Ion:240 Resp: 258460
Ion Ratio Lower Upper
240 100
120 7.3 4.6 7.0#
236 25.2 20.2 30.2

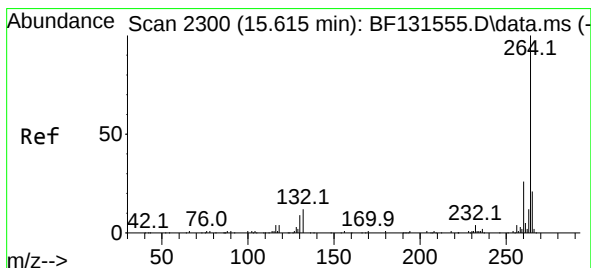
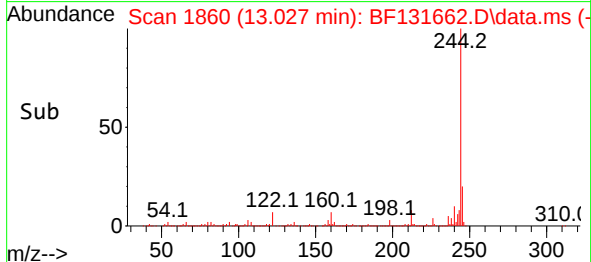
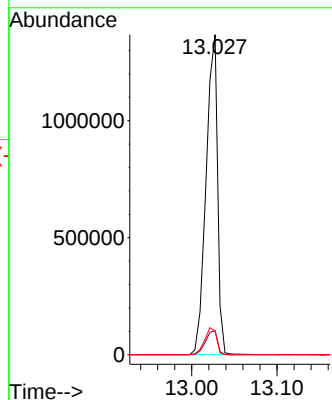
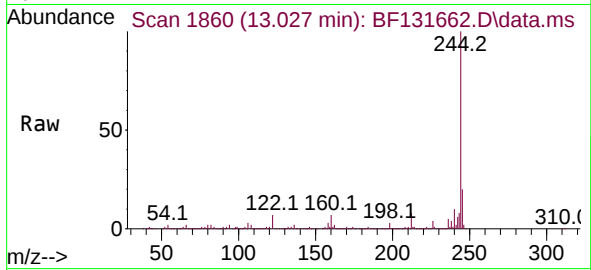




#79
 Terphenyl-d14
 Concen: 67.693 ng
 RT: 13.027 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF131662.D
 Acq: 16 Dec 2022 12:35

Instrument :
 BNA_F
 ClientSampleId :
 PB149631BL

Tgt Ion:244 Resp: 1275768
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.5 9.7
 122 7.5 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: BF131662.D
 Acq: 16 Dec 2022 12:35

Tgt Ion:264 Resp: 206334
 Ion Ratio Lower Upper
 264 100
 260 24.0 20.6 30.8
 265 20.3 16.8 25.2

