

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042823\
 Data File : BF133114.D
 Acq On : 28 Apr 2023 10:16
 Operator : CG\JU
 Sample : PB152460BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152460BL

Quant Time: Apr 28 10:41:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 28 02:00:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	222354	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	909738	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	497178	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	894791	20.000	ng	0.00
76) Chrysene-d12	13.886	240	645193	20.000	ng	-0.01
86) Perylene-d12	15.310	264	589322	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	1707193	115.982	ng	0.02
7) Phenol-d6	6.381	99	2136652	116.949	ng	0.00
23) Nitrobenzene-d5	7.304	82	1240078	73.577	ng	0.00
42) 2,4,6-Tribromophenol	10.563	330	570808	114.160	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	2221086	74.739	ng	0.00
79) Terphenyl-d14	12.845	244	2601104	69.530	ng	0.00

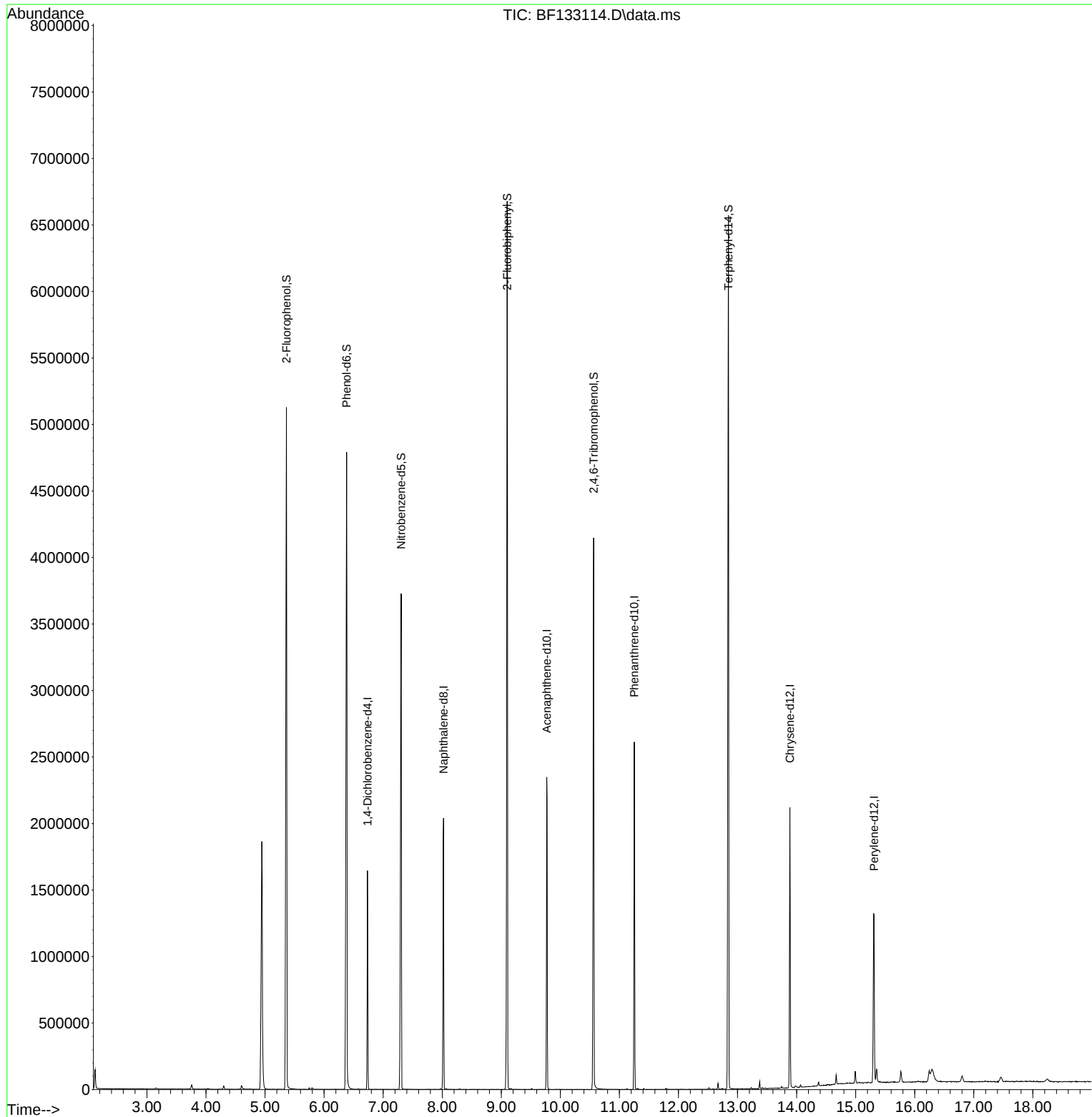
Target Compounds Qvalue

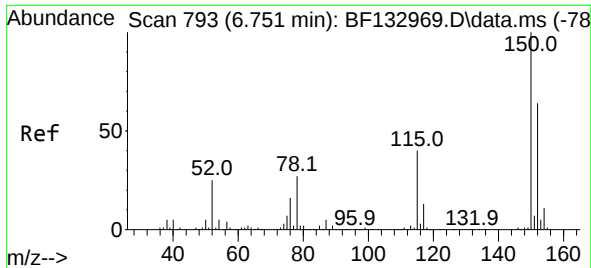
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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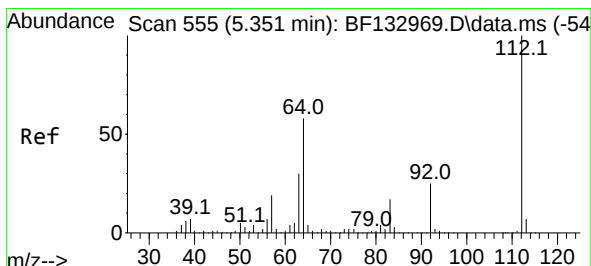
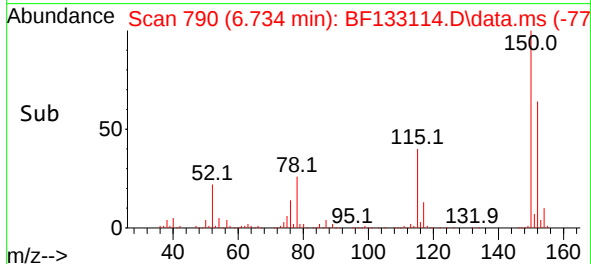
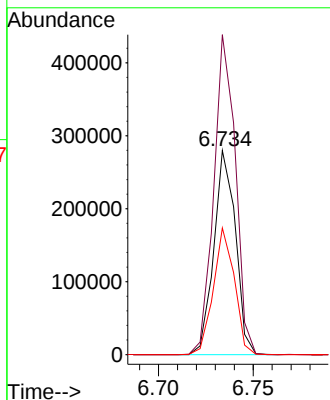
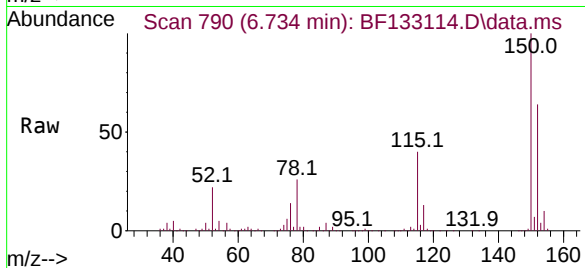




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.734 min Scan# 793
Delta R.T. -0.006 min
Lab File: BF133114.D
Acq: 28 Apr 2023 10:16

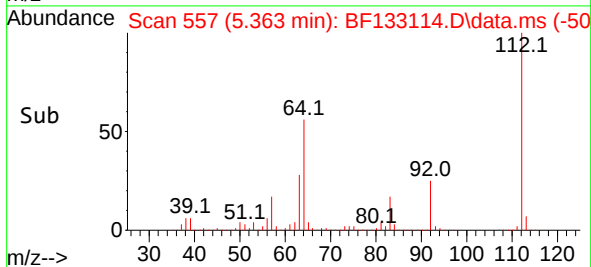
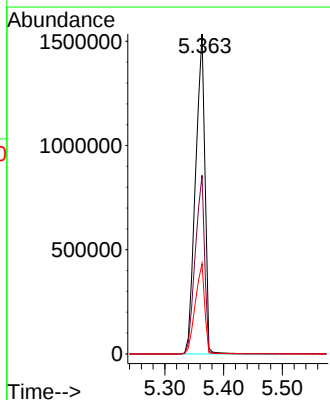
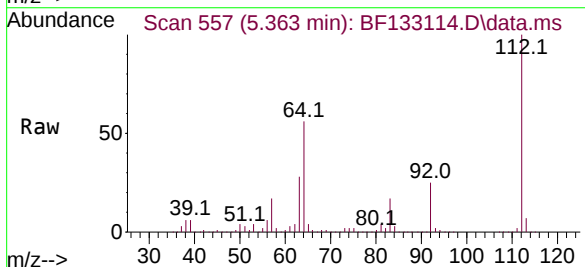
Instrument :
BNA_F
ClientSampleId :
PB152460BL

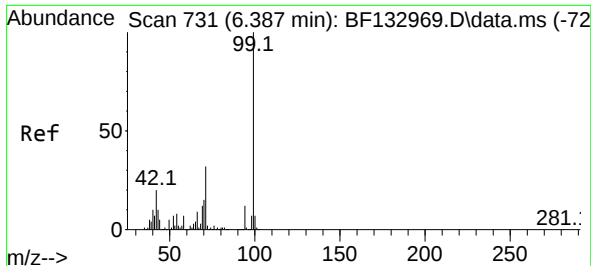
Tgt Ion:152 Resp: 222354
Ion Ratio Lower Upper
152 100
150 156.8 124.8 187.2
115 62.1 49.9 74.9



#5
2-Fluorophenol
Concen: 115.982 ng
RT: 5.363 min Scan# 557
Delta R.T. 0.018 min
Lab File: BF133114.D
Acq: 28 Apr 2023 10:16

Tgt Ion:112 Resp: 1707193
Ion Ratio Lower Upper
112 100
64 55.9 46.8 70.2
63 28.2 23.8 35.8

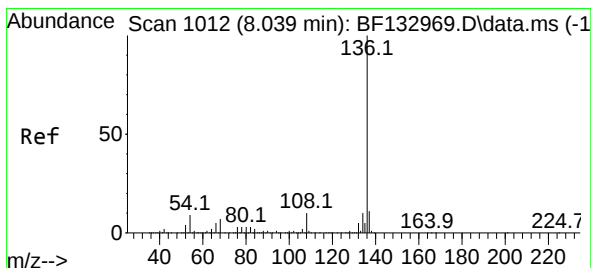
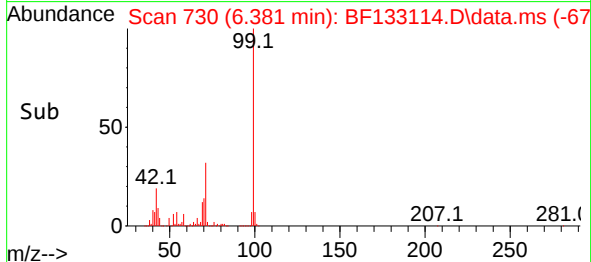
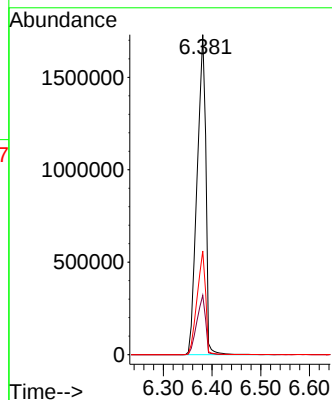
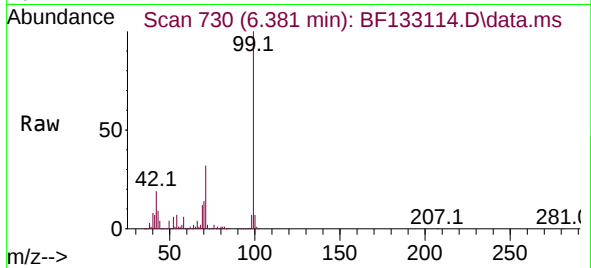




#7
Phenol-d6
Concen: 116.949 ng
RT: 6.381 min Scan# 731
Delta R.T. -0.000 min
Lab File: BF133114.D
Acq: 28 Apr 2023 10:16

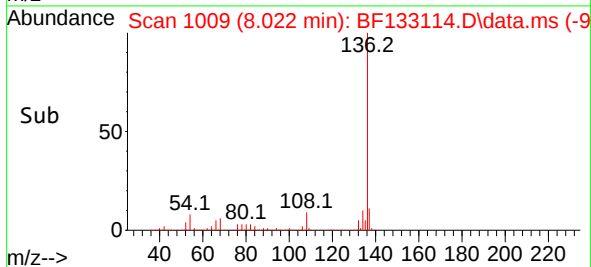
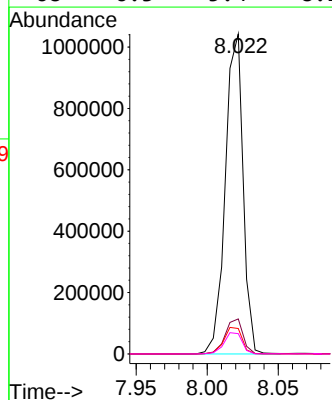
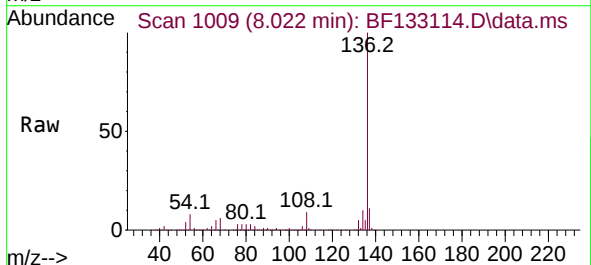
Instrument :
BNA_F
ClientSampleId :
PB152460BL

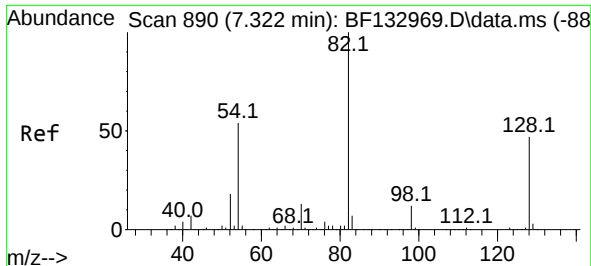
Tgt Ion: 99 Resp: 2136652
Ion Ratio Lower Upper
99 100
42 18.5 16.3 24.5
71 32.4 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BF133114.D
Acq: 28 Apr 2023 10:16

Tgt Ion:136 Resp: 909738
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.9 7.0 10.4
68 6.3 5.4 8.2





#23

Nitrobenzene-d5

Concen: 73.577 ng

RT: 7.304 min Scan# 887

Delta R.T. -0.000 min

Lab File: BF133114.D

Acq: 28 Apr 2023 10:16

Instrument :

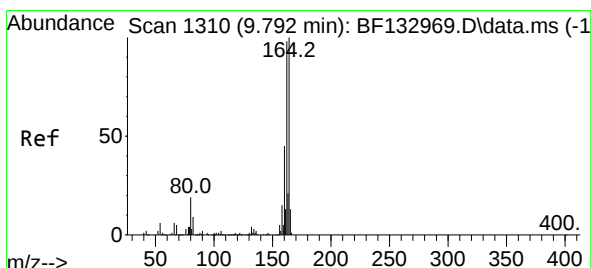
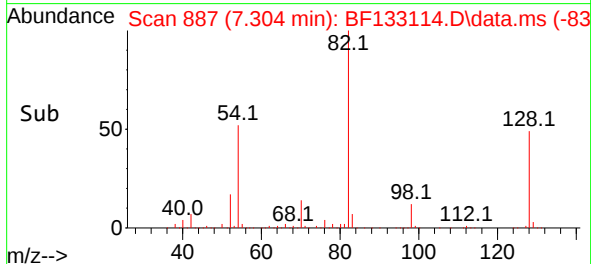
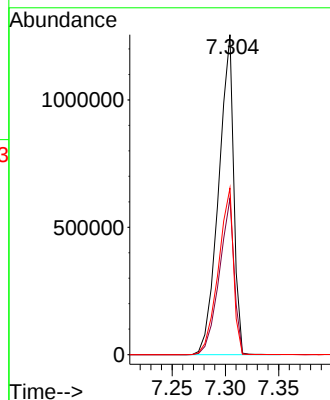
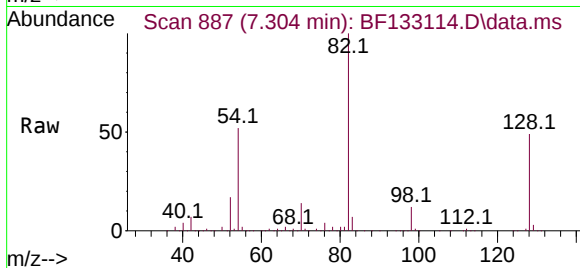
BNA_F

ClientSampleId :

PB152460BL

Tgt Ion: 82 Resp: 1240078

Ion	Ratio	Lower	Upper
82	100		
128	48.9	37.7	56.5
54	52.0	43.0	64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.769 min Scan# 1306

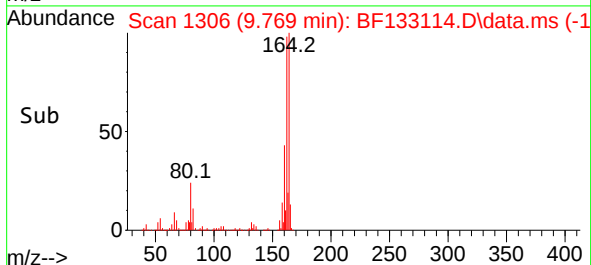
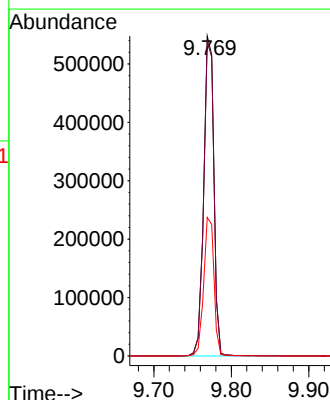
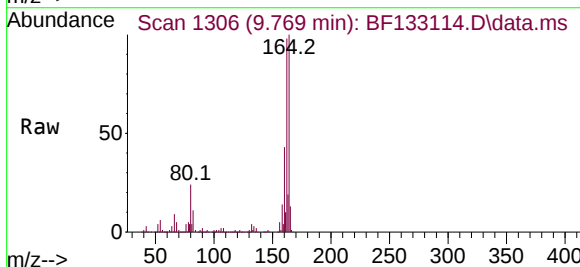
Delta R.T. -0.006 min

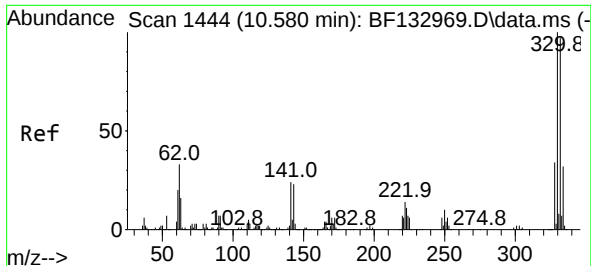
Lab File: BF133114.D

Acq: 28 Apr 2023 10:16

Tgt Ion:164 Resp: 497178

Ion	Ratio	Lower	Upper
164	100		
162	98.3	78.7	118.1
160	43.3	35.8	53.6





#42

2,4,6-Tribromophenol

Concen: 114.160 ng

RT: 10.563 min Scan# 1444

Delta R.T. -0.000 min

Lab File: BF133114.D

Acq: 28 Apr 2023 10:16

Instrument :

BNA_F

ClientSampleId :

PB152460BL

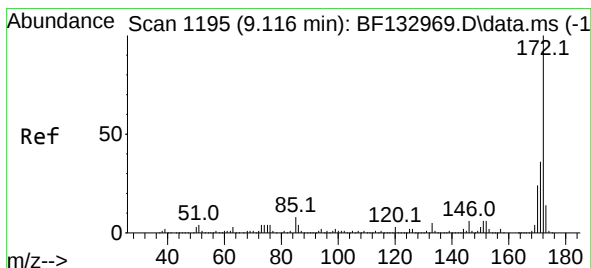
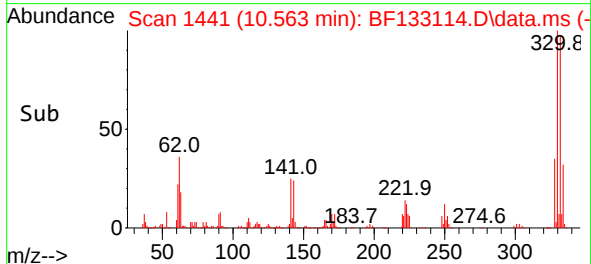
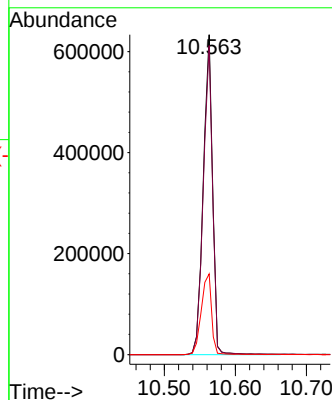
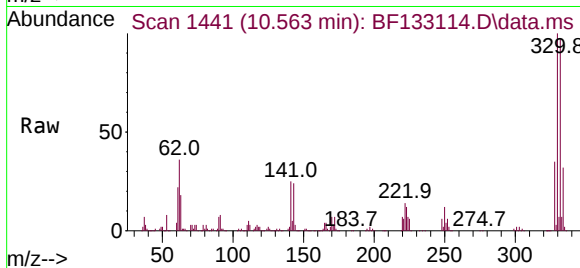
Tgt Ion:330 Resp: 570808

Ion Ratio Lower Upper

330 100

332 96.7 77.1 115.7

141 27.9 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 74.739 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.000 min

Lab File: BF133114.D

Acq: 28 Apr 2023 10:16

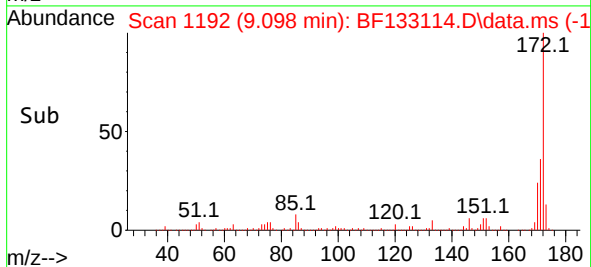
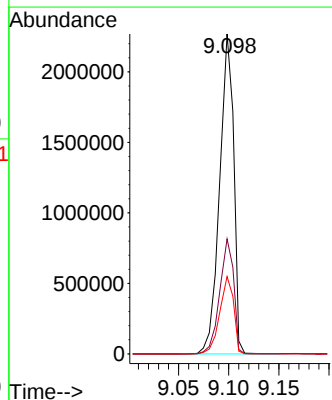
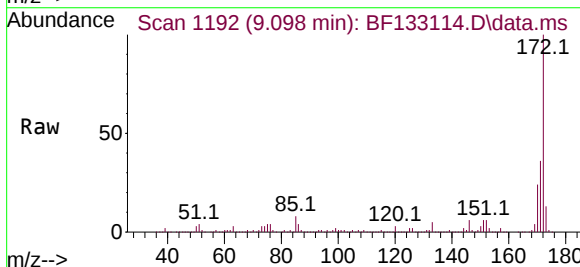
Tgt Ion:172 Resp: 2221086

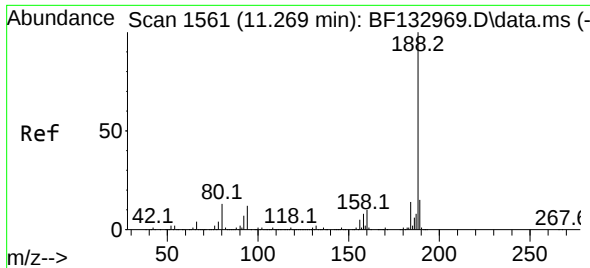
Ion Ratio Lower Upper

172 100

171 35.9 28.8 43.2

170 24.2 19.4 29.2

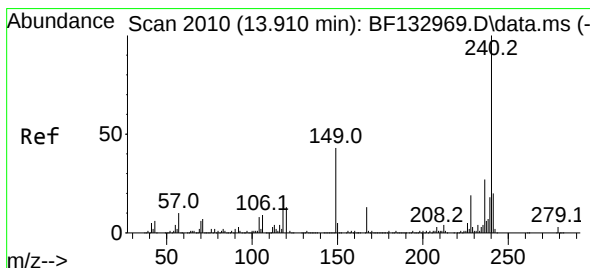
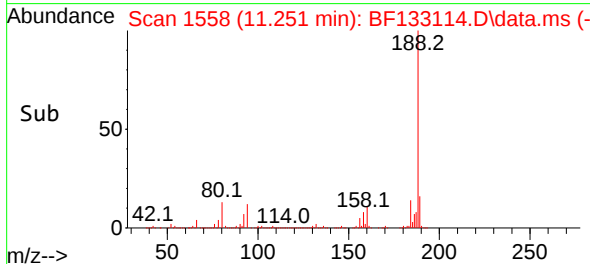
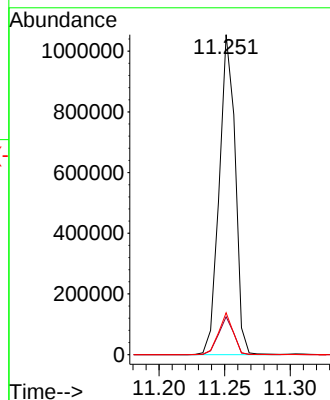
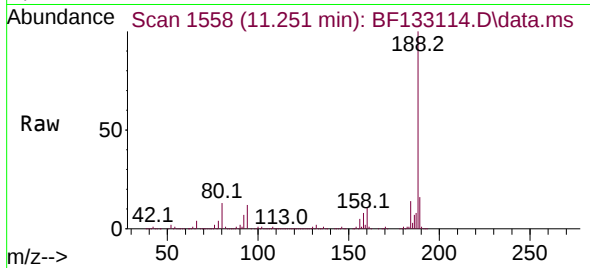




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.251 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133114.D
Acq: 28 Apr 2023 10:16

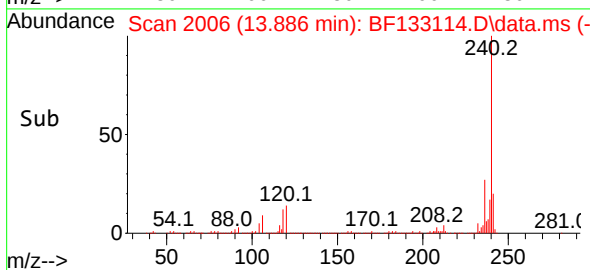
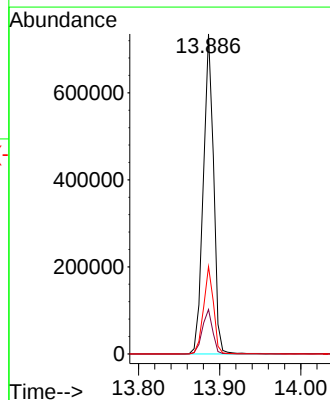
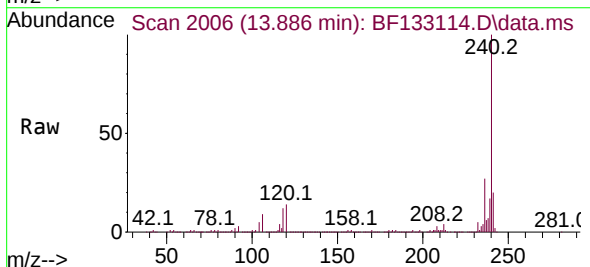
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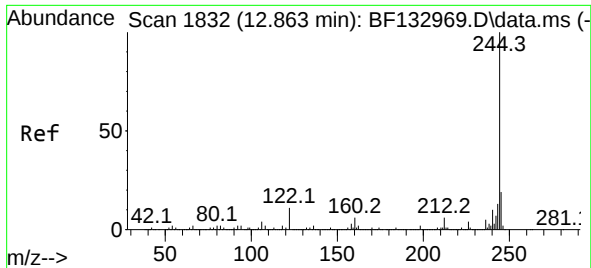
Tgt Ion:188 Resp: 894791
Ion Ratio Lower Upper
188 100
94 11.8 9.7 14.5
80 13.1 10.4 15.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.886 min Scan# 2006
Delta R.T. -0.012 min
Lab File: BF133114.D
Acq: 28 Apr 2023 10:16

Tgt Ion:240 Resp: 645193
Ion Ratio Lower Upper
240 100
120 13.9 10.5 15.7
236 27.3 21.5 32.3

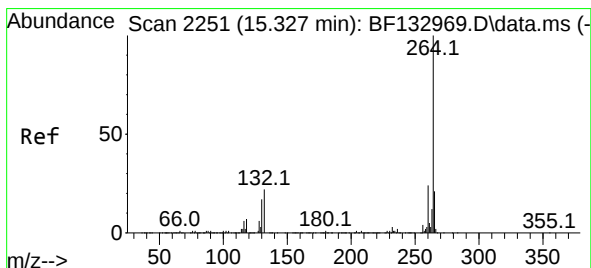
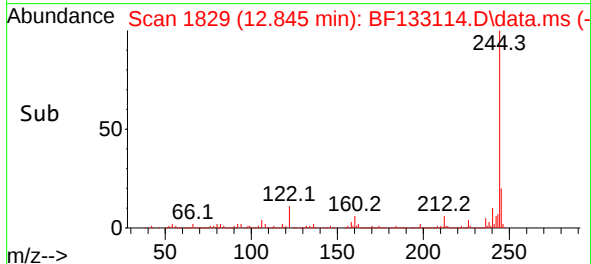
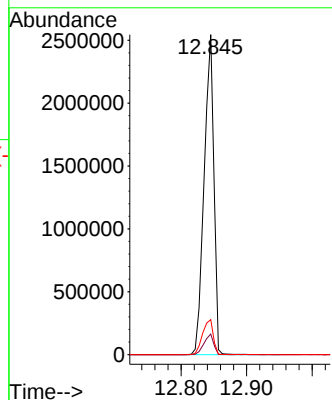
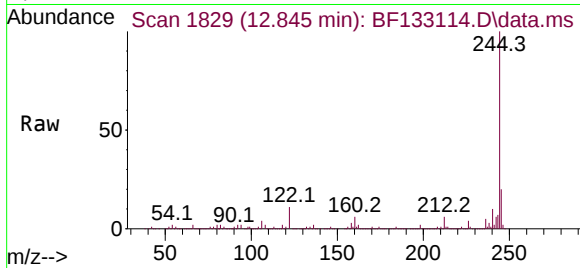




#79
 Terphenyl-d14
 Concen: 69.530 ng
 RT: 12.845 min Scan# 1832
 Delta R.T. -0.000 min
 Lab File: BF133114.D
 Acq: 28 Apr 2023 10:16

Instrument :
 BNA_F
 ClientSampleId :
 PB152460BL

Tgt Ion:244 Resp: 2601104
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 10.9 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.310 min Scan# 2248
 Delta R.T. -0.006 min
 Lab File: BF133114.D
 Acq: 28 Apr 2023 10:16

Tgt Ion:264 Resp: 589322
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.8 28.2
 265 21.6 17.0 25.4

