

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020823\
 Data File : BF132369.D
 Acq On : 08 Feb 2023 21:50
 Operator : CG\JU
 Sample : 01464-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-8

Quant Time: Feb 09 02:02:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 09 01:56:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.048	152	174424	20.000	ng	0.00
21) Naphthalene-d8	8.331	136	671134	20.000	ng	0.00
39) Acenaphthene-d10	10.095	164	333043	20.000	ng	0.00
64) Phenanthrene-d10	11.589	188	532103	20.000	ng	0.00
76) Chrysene-d12	14.248	240	322686	20.000	ng	0.00
86) Perylene-d12	15.818	264	259636	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	1415439	130.439	ng	0.02
7) Phenol-d6	6.666	99	1586640	118.599	ng	0.00
23) Nitrobenzene-d5	7.613	82	1094657	90.764	ng	0.00
42) 2,4,6-Tribromophenol	10.889	330	549102	160.327	ng	0.00
45) 2-Fluorobiphenyl	9.413	172	1976930	91.666	ng	0.00
79) Terphenyl-d14	13.189	244	1794756	107.590	ng	0.00

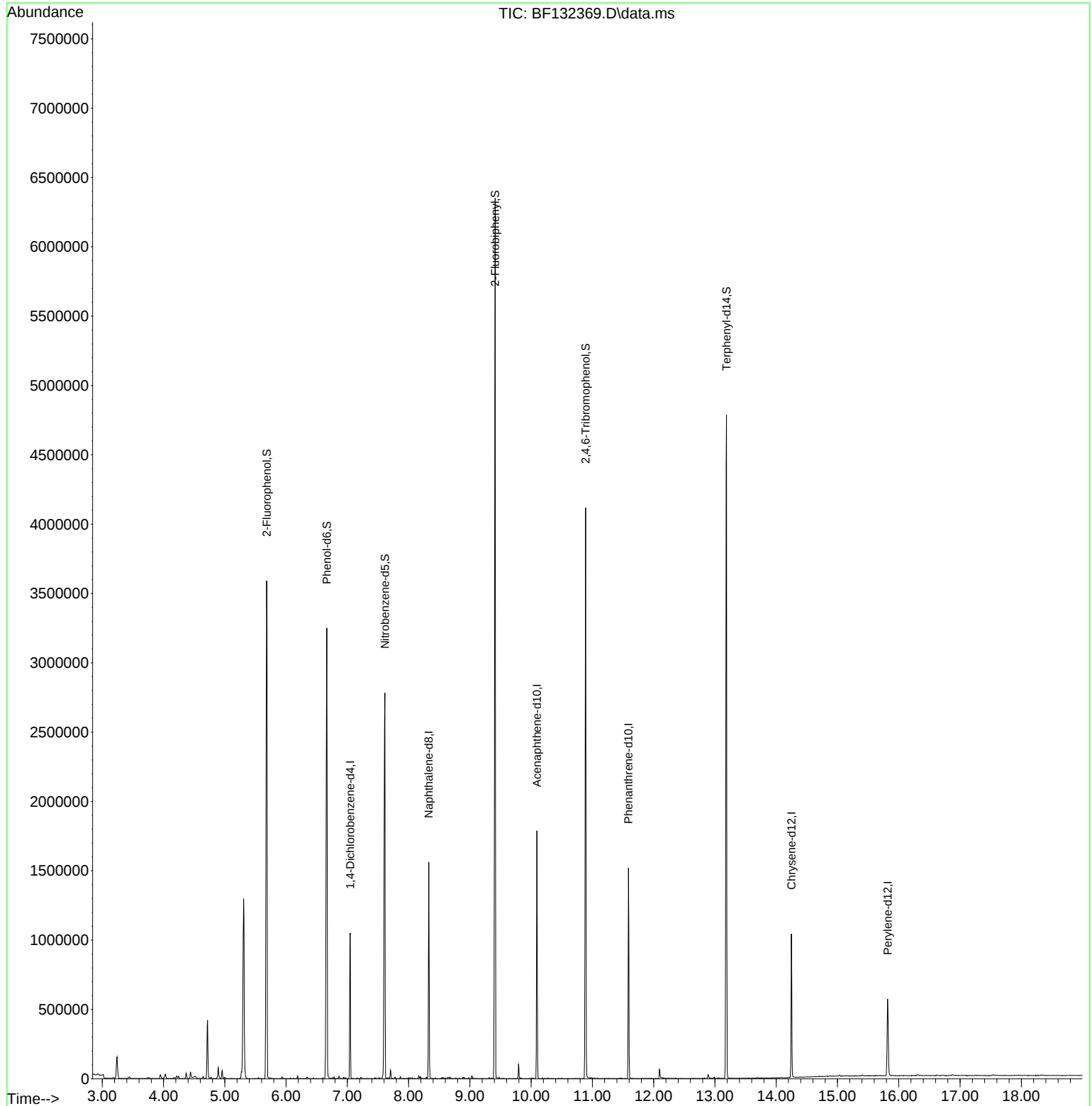
Target Compounds Qvalue

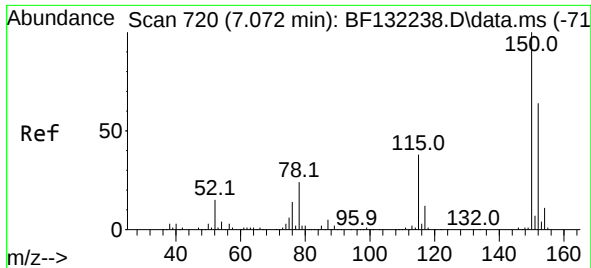
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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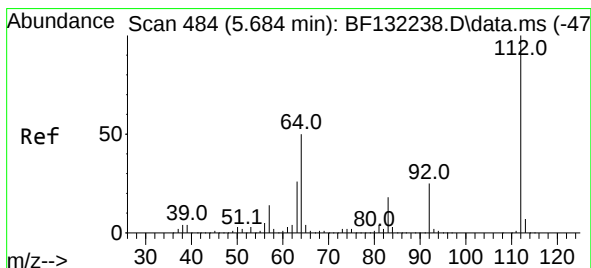
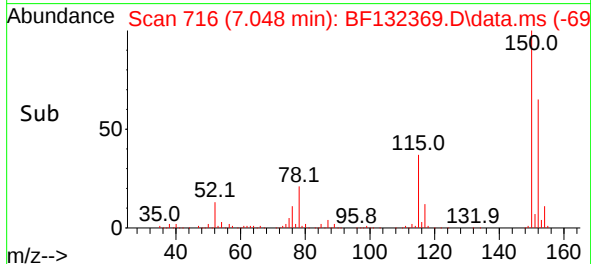
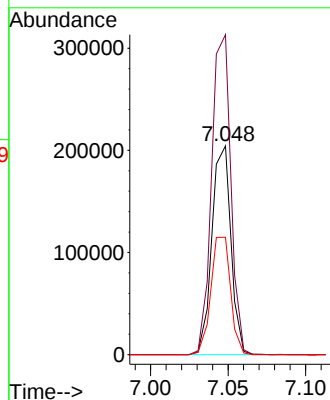
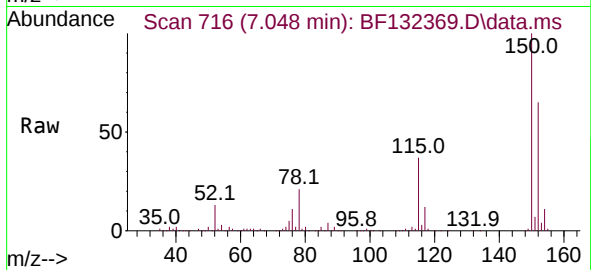




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.048 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF132369.D
 Acq: 08 Feb 2023 21:50

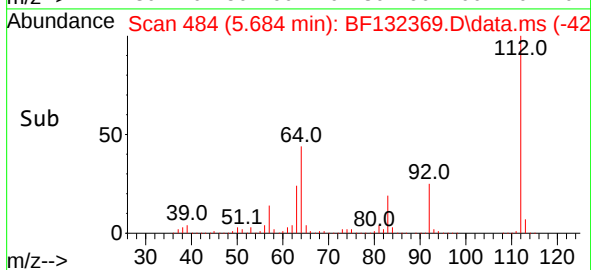
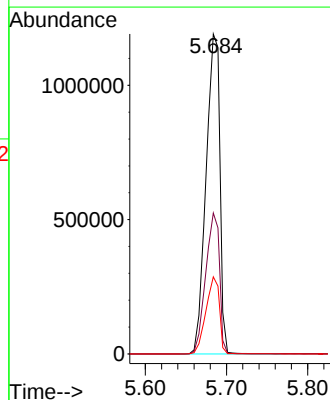
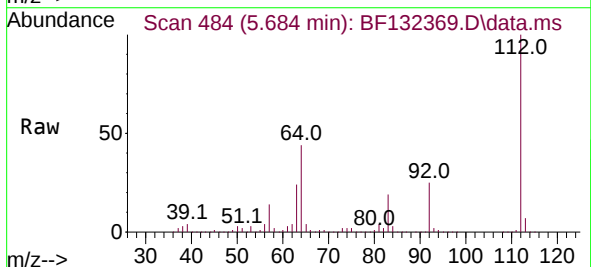
Instrument :
 BNA_F
 ClientSampleId :
 COMP-8

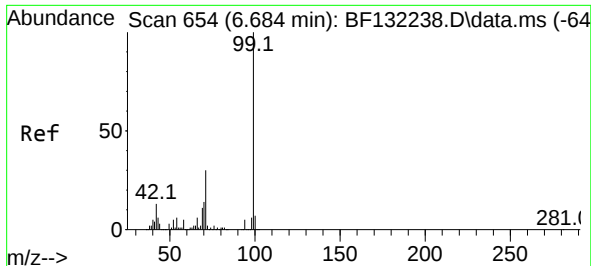
Tgt Ion:152 Resp: 174424
 Ion Ratio Lower Upper
 152 100
 150 153.3 124.2 186.2
 115 56.2 47.3 70.9



#5
 2-Fluorophenol
 Concen: 130.439 ng
 RT: 5.684 min Scan# 484
 Delta R.T. 0.023 min
 Lab File: BF132369.D
 Acq: 08 Feb 2023 21:50

Tgt Ion:112 Resp: 1415439
 Ion Ratio Lower Upper
 112 100
 64 44.0 40.0 60.0
 63 24.1 20.5 30.7





#7

Phenol-d6

Concen: 118.599 ng

RT: 6.666 min Scan# 61

Delta R.T. -0.000 min

Lab File: BF132369.D

Acq: 08 Feb 2023 21:50

Instrument :

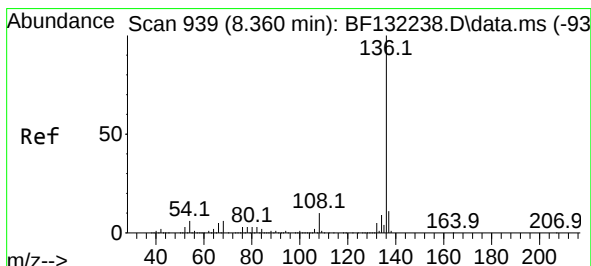
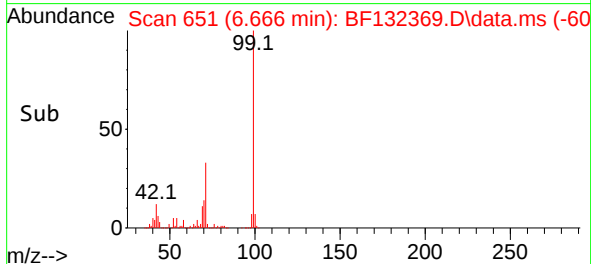
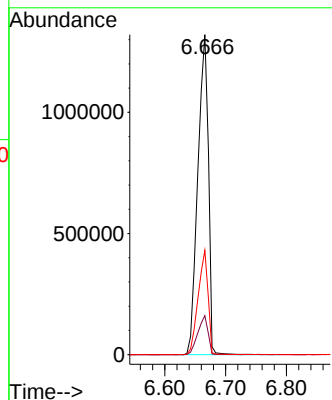
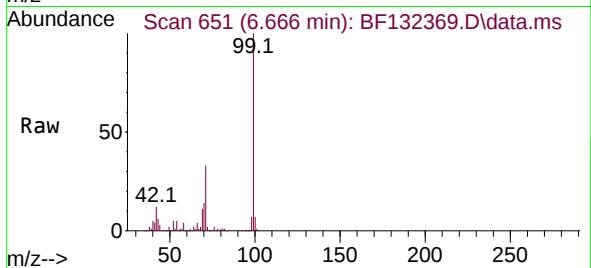
BNA_F

ClientSampleId :

COMP-8

Tgt Ion: 99 Resp: 1586640

Ion	Ratio	Lower	Upper
99	100		
42	12.2	10.1	15.1
71	32.6	24.2	36.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.331 min Scan# 934

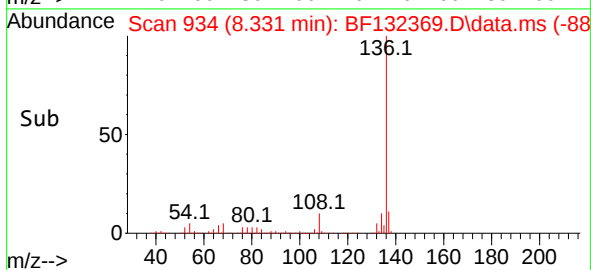
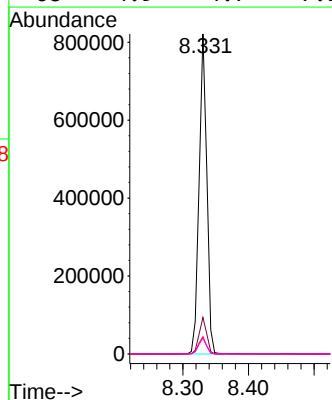
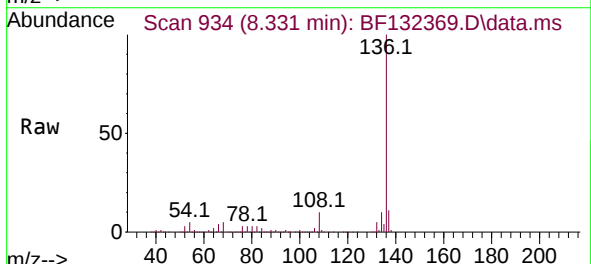
Delta R.T. -0.006 min

Lab File: BF132369.D

Acq: 08 Feb 2023 21:50

Tgt Ion:136 Resp: 671134

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	5.4	4.9	7.3
68	4.9	4.7	7.1





#23

Nitrobenzene-d5

Concen: 90.764 ng

RT: 7.613 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF132369.D

Acq: 08 Feb 2023 21:50

Instrument :

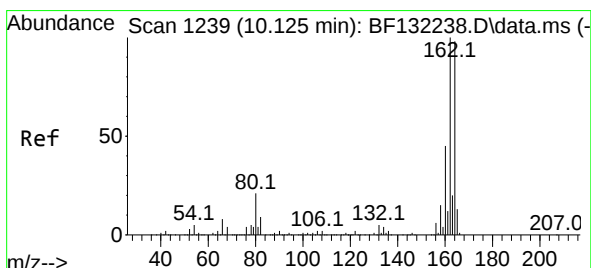
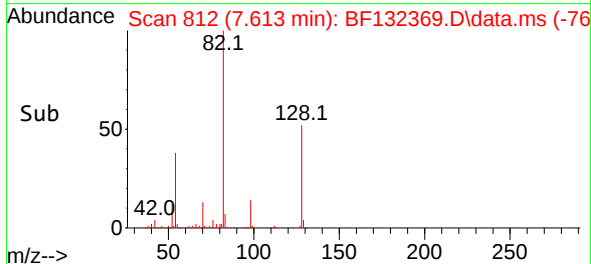
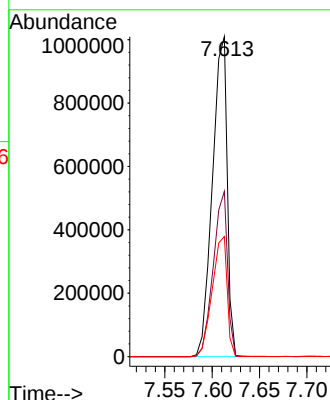
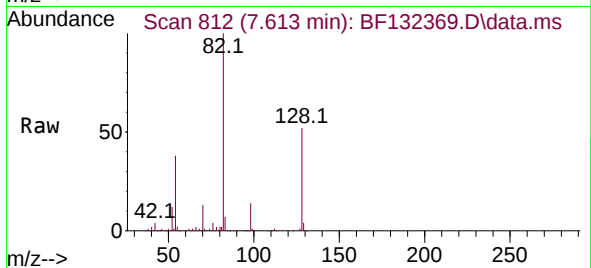
BNA_F

ClientSampleId :

COMP-8

Tgt Ion: 82 Resp: 1094657

Ion	Ratio	Lower	Upper
82	100		
128	51.6	37.0	55.4
54	37.5	31.5	47.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.095 min Scan# 1234

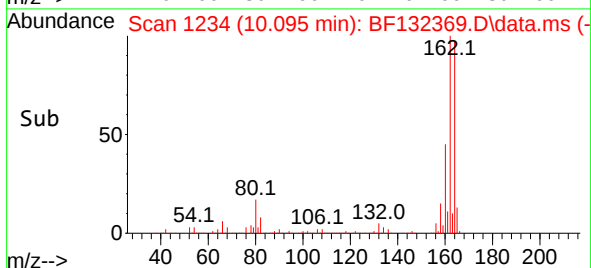
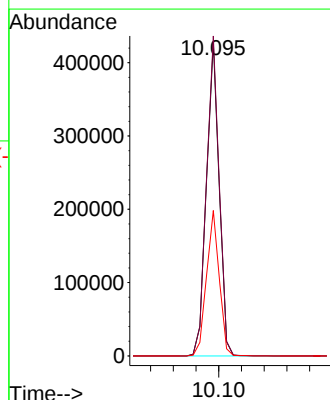
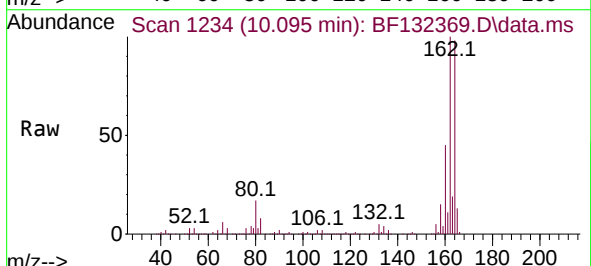
Delta R.T. -0.006 min

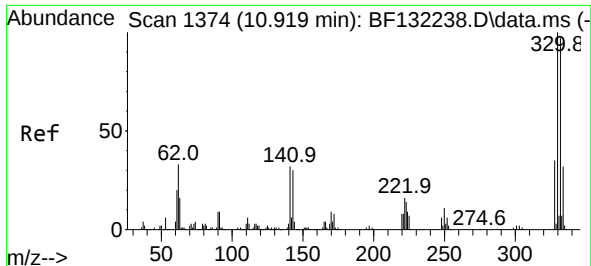
Lab File: BF132369.D

Acq: 08 Feb 2023 21:50

Tgt Ion: 164 Resp: 333043

Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.0	123.0
160	46.4	37.1	55.7





#42

2,4,6-Tribromophenol

Concen: 160.327 ng

RT: 10.889 min Scan# 1118

Delta R.T. -0.006 min

Lab File: BF132369.D

Acq: 08 Feb 2023 21:50

Instrument :

BNA_F

ClientSampleId :

COMP-8

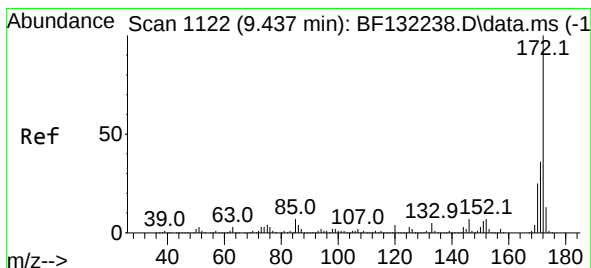
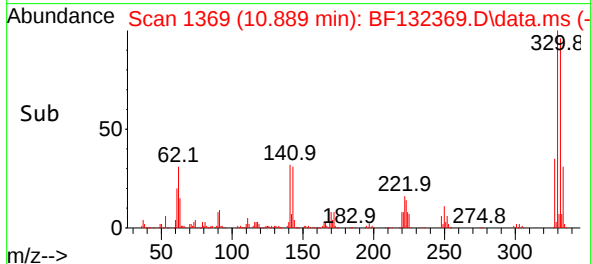
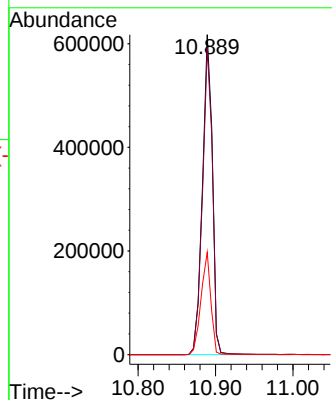
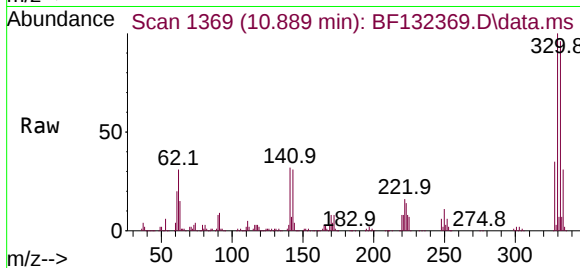
Tgt Ion:330 Resp: 549102

Ion Ratio Lower Upper

330 100

332 96.2 77.9 116.9

141 31.7 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 91.666 ng

RT: 9.413 min Scan# 1118

Delta R.T. -0.000 min

Lab File: BF132369.D

Acq: 08 Feb 2023 21:50

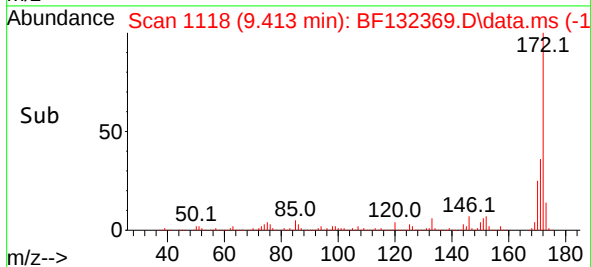
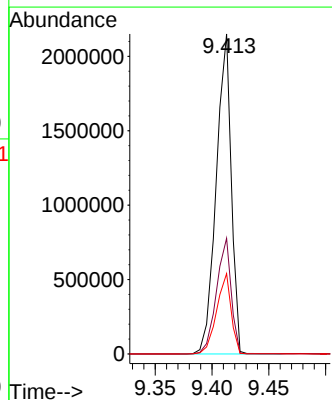
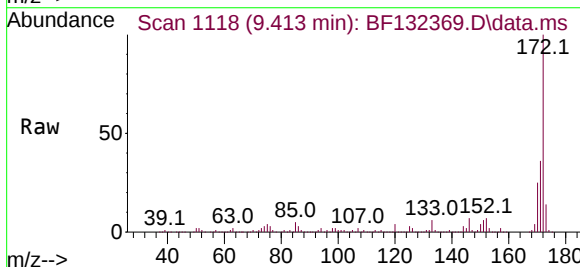
Tgt Ion:172 Resp: 1976930

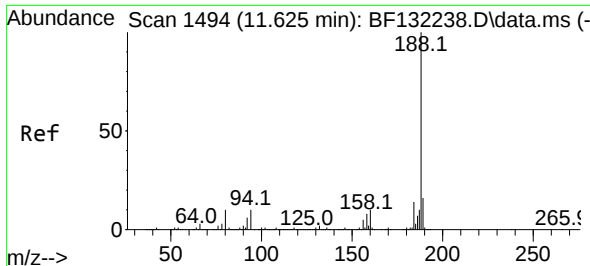
Ion Ratio Lower Upper

172 100

171 36.1 28.6 43.0

170 25.1 19.7 29.5

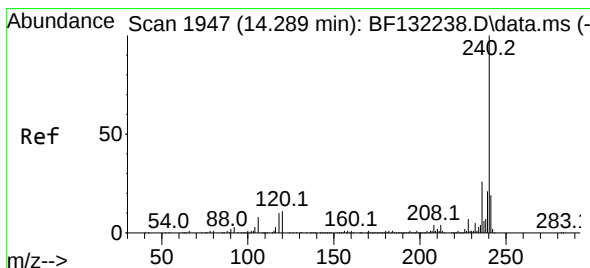
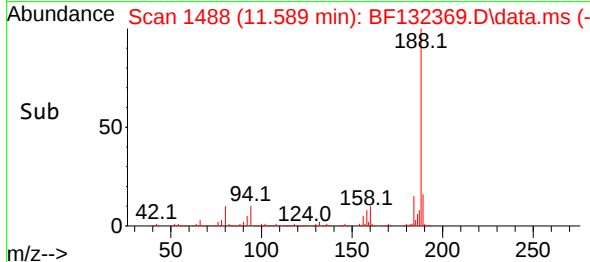
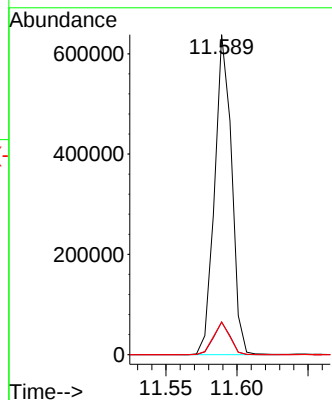
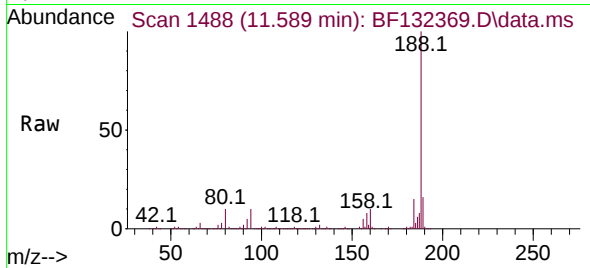




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.589 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF132369.D
Acq: 08 Feb 2023 21:50

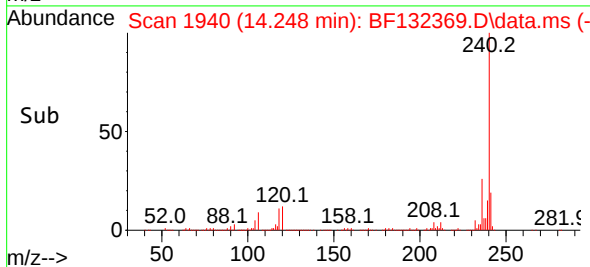
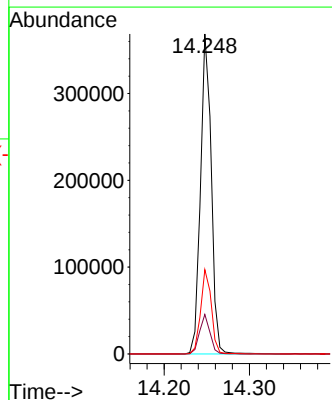
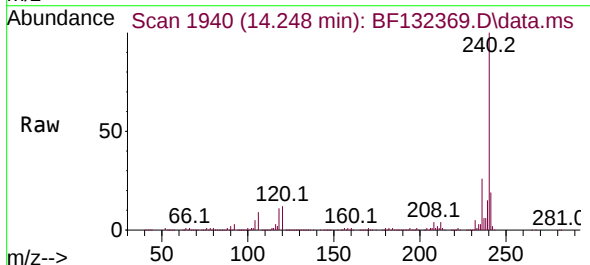
Instrument :
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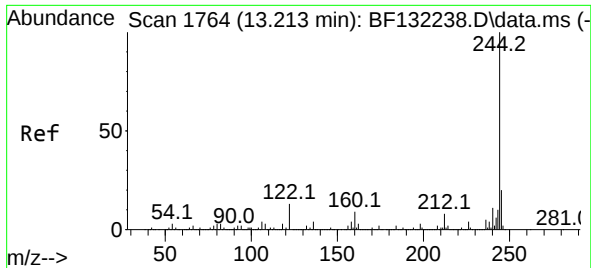
Tgt Ion:188 Resp: 532103
Ion Ratio Lower Upper
188 100
94 10.2 8.2 12.2
80 10.2 8.3 12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.248 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BF132369.D
Acq: 08 Feb 2023 21:50

Tgt Ion:240 Resp: 322686
Ion Ratio Lower Upper
240 100
120 12.3 8.8 13.2
236 26.3 21.0 31.6

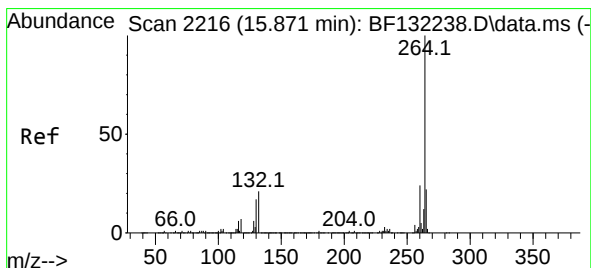
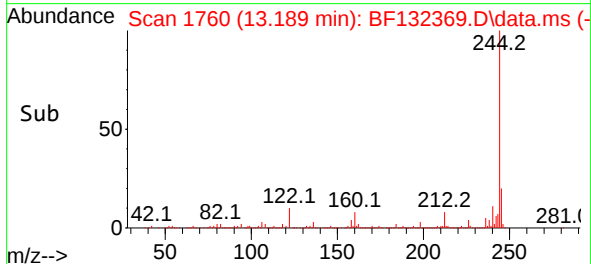
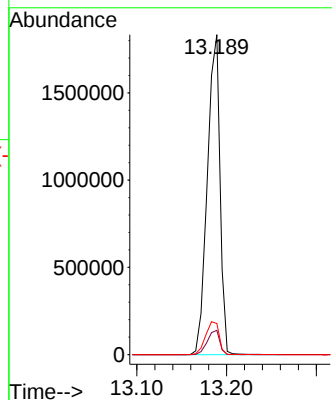
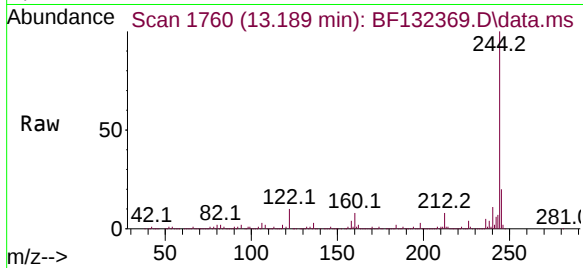




#79
Terphenyl-d14
Concen: 107.590 ng
RT: 13.189 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132369.D
Acq: 08 Feb 2023 21:50

Instrument :
BNA_F
ClientSampleId :
COMP-8

Tgt Ion:244 Resp: 1794756
Ion Ratio Lower Upper
244 100
212 7.6 6.4 9.6
122 9.7 10.5 15.7#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.818 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BF132369.D
Acq: 08 Feb 2023 21:50

Tgt Ion:264 Resp: 259636
Ion Ratio Lower Upper
264 100
260 23.7 19.0 28.4
265 21.2 17.4 26.2

