

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042023\
 Data File : BF132946.D
 Acq On : 20 Apr 2023 20:03
 Operator : CG\JU
 Sample : 02386-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPA-3WC-23-04

Quant Time: Apr 21 02:16:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 20 14:15:37 2023
 Response via : Initial Calibration

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

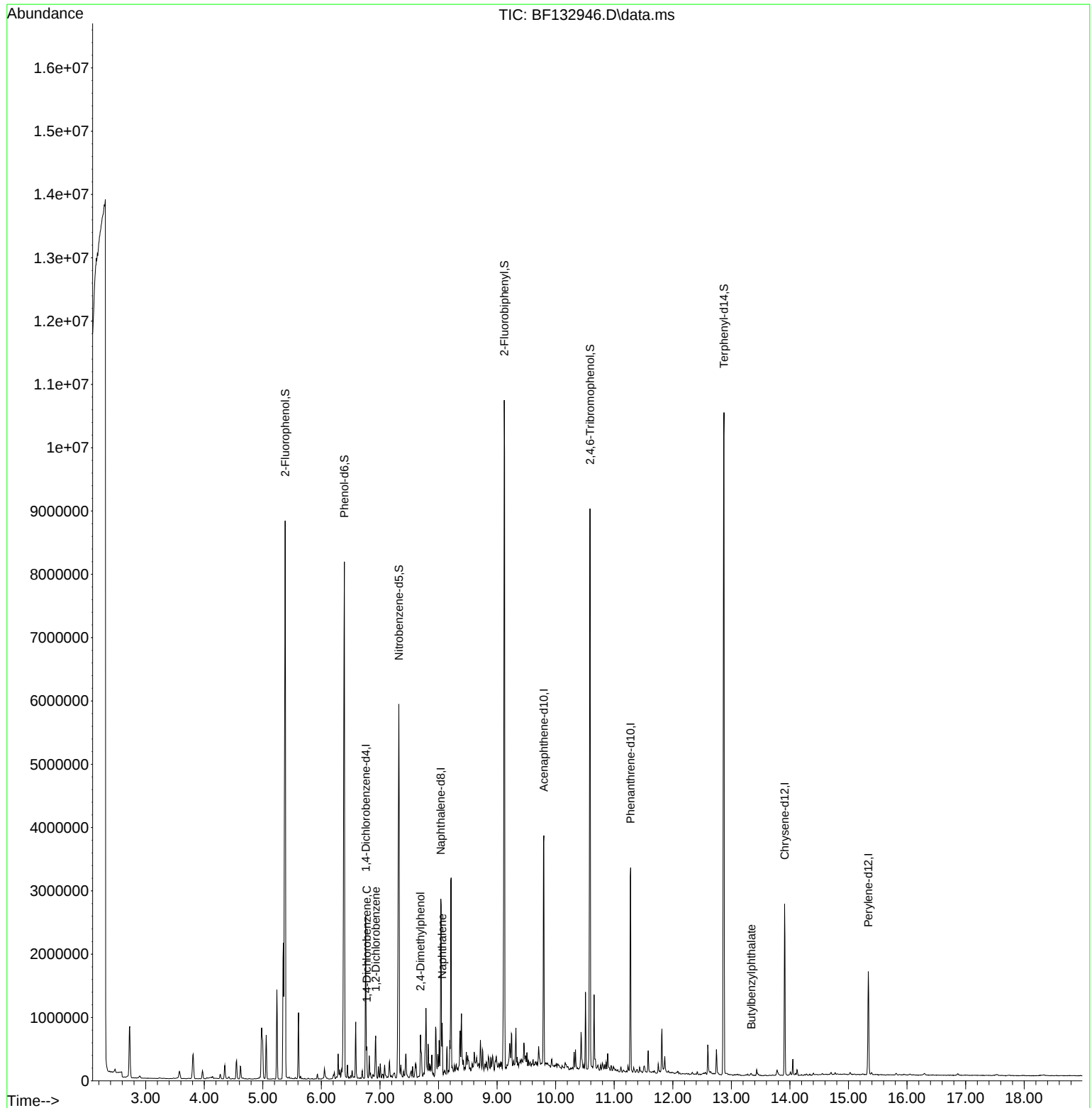
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	316289	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	1339055	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	664518	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	1186051	20.000	ng	0.00
76) Chrysene-d12	13.910	240	840698	20.000	ng	# 0.00
86) Perylene-d12	15.339	264	668583	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	2706852	133.821	ng	0.02
7) Phenol-d6	6.392	99	3250677	125.942	ng	0.00
23) Nitrobenzene-d5	7.322	82	2367621	92.163	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	1058343	158.787	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	3715753	85.900	ng	0.00
79) Terphenyl-d14	12.874	244	4308500	87.435	ng	0.00
Target Compounds						
						Qvalue
13) 1,4-Dichlorobenzene	6.775	146	95483	4.225	ng	98
14) 1,2-Dichlorobenzene	6.928	146	132233	6.266	ng	98
27) 2,4-Dimethylphenol	7.692	122	145000	7.156	ng	97
31) Naphthalene	8.063	128	273533	4.042	ng	97
80) Butylbenzylphthalate	13.339	149	4491	5.376	ng	# 79

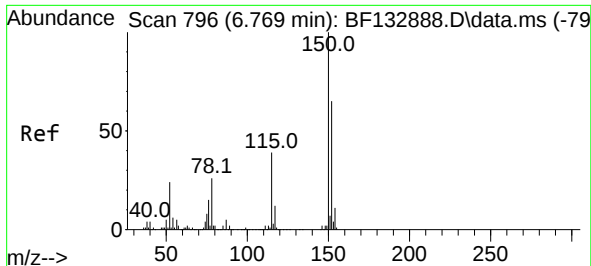
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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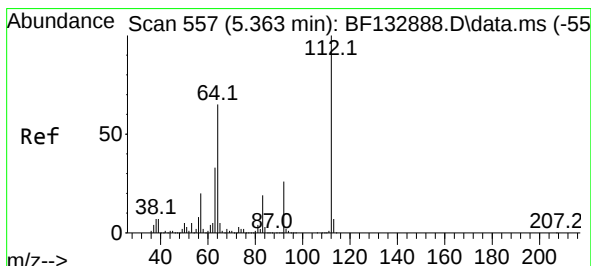
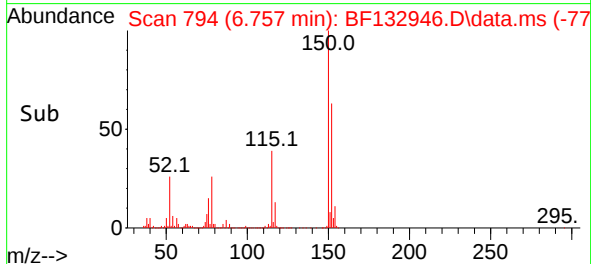
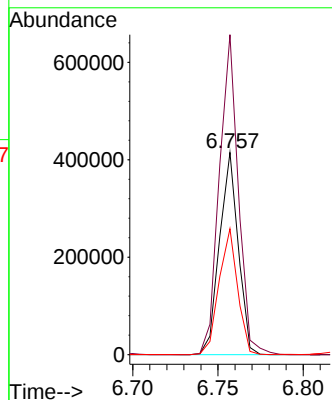
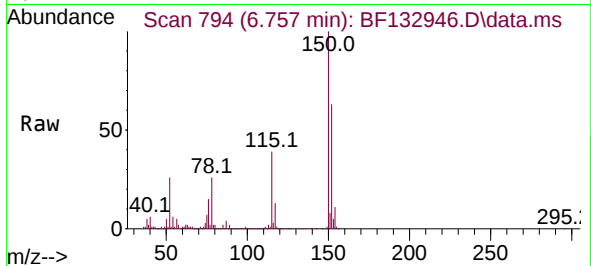




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 796
Delta R.T. 0.000 min
Lab File: BF132946.D
Acq: 20 Apr 2023 20:03

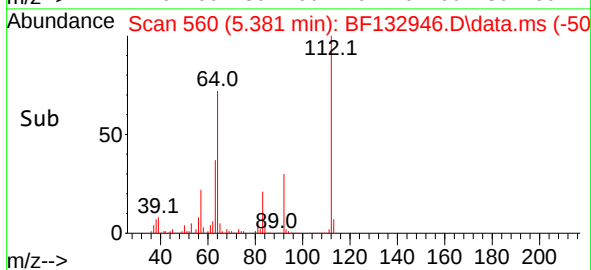
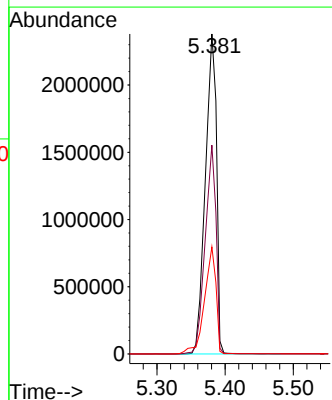
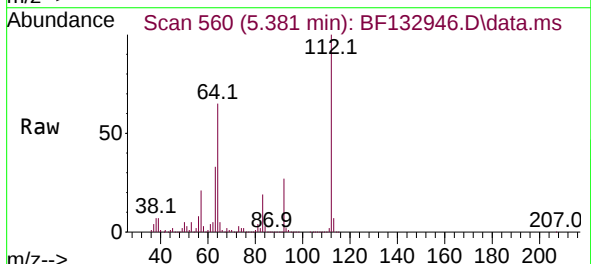
Instrument :
BNA_F
ClientSampleId :
SPA-3WC-23-04

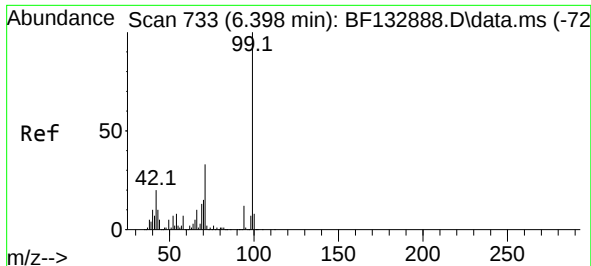
Tgt Ion:152 Resp: 316289
Ion Ratio Lower Upper
152 100
150 158.3 122.8 184.2
115 62.3 47.3 70.9



#5
2-Fluorophenol
Concen: 133.821 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.023 min
Lab File: BF132946.D
Acq: 20 Apr 2023 20:03

Tgt Ion:112 Resp: 2706852
Ion Ratio Lower Upper
112 100
64 65.2 51.8 77.8
63 33.4 26.3 39.5

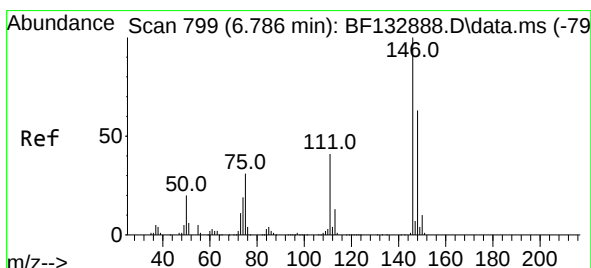
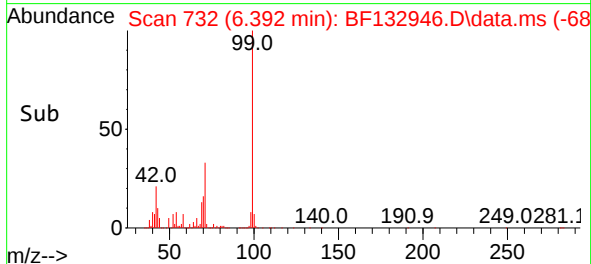
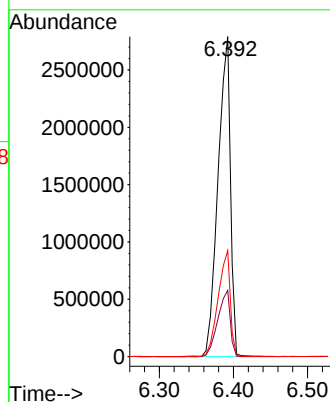
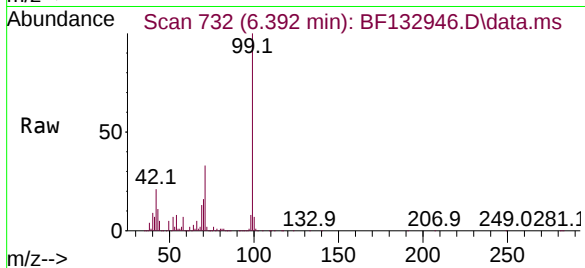




#7
Phenol-d6
Concen: 125.942 ng
RT: 6.392 min Scan# 731
Delta R.T. -0.000 min
Lab File: BF132946.D
Acq: 20 Apr 2023 20:03

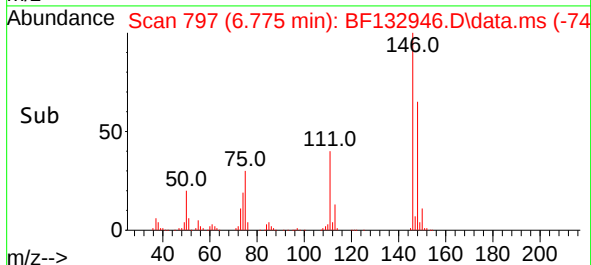
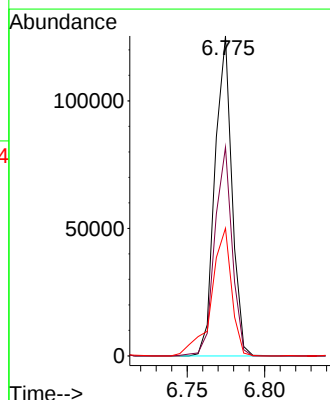
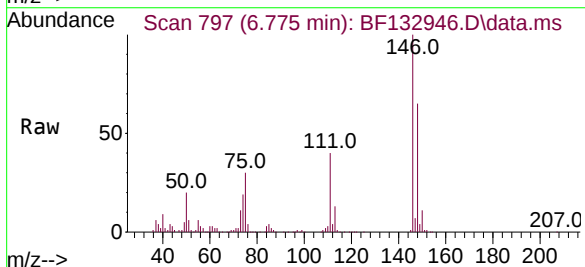
Instrument :
BNA_F
ClientSampleId :
SPA-3WC-23-04

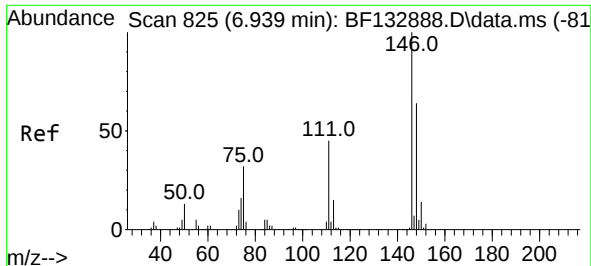
Tgt Ion: 99 Resp: 3250677
Ion Ratio Lower Upper
99 100
42 20.7 16.1 24.1
71 33.1 26.1 39.1



#13
1,4-Dichlorobenzene
Concen: 4.225 ng
RT: 6.775 min Scan# 797
Delta R.T. -0.000 min
Lab File: BF132946.D
Acq: 20 Apr 2023 20:03

Tgt Ion: 146 Resp: 95483
Ion Ratio Lower Upper
146 100
148 65.2 50.7 76.1
111 39.9 32.5 48.7

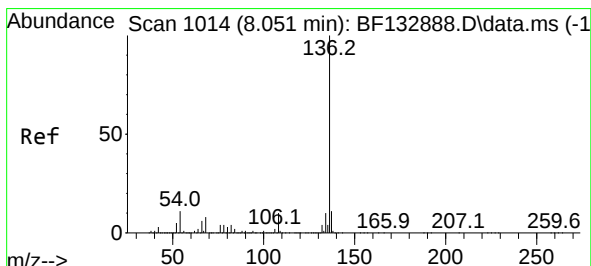
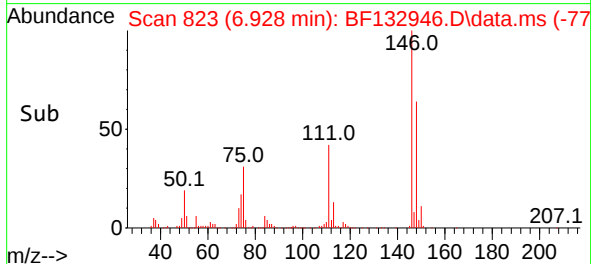
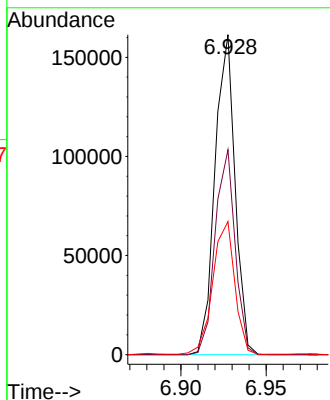
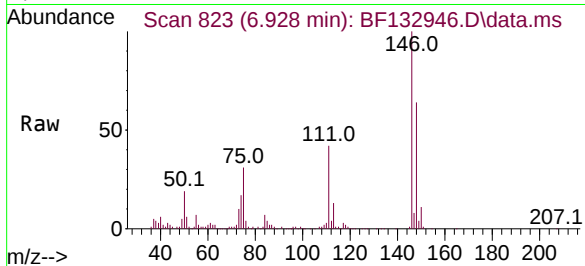




#14
1,2-Dichlorobenzene
Concen: 6.266 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF132946.D
Acq: 20 Apr 2023 20:03

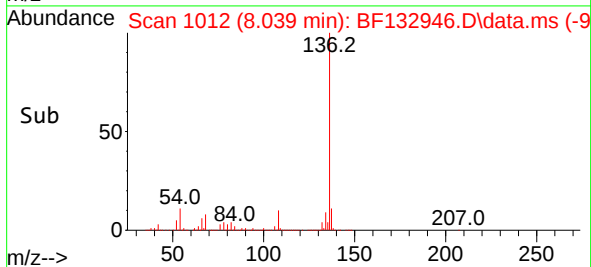
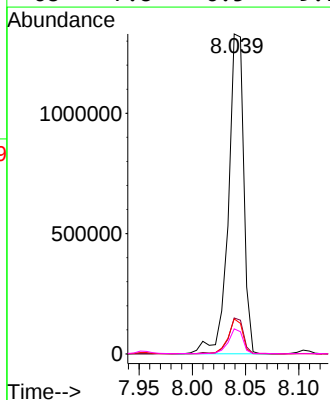
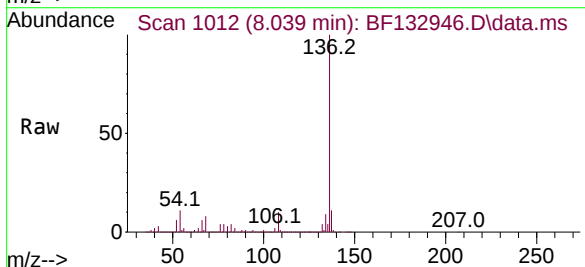
Instrument :
BNA_F
ClientSampleId :
SPA-3WC-23-04

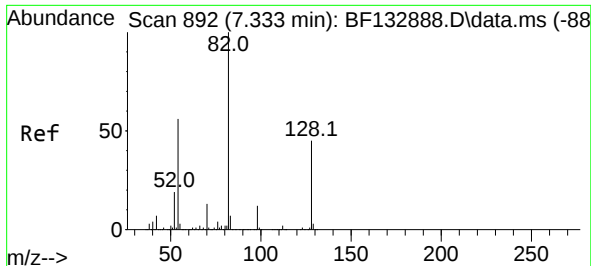
Tgt Ion:146 Resp: 132233
Ion Ratio Lower Upper
146 100
148 64.0 51.3 76.9
111 41.6 36.0 54.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF132946.D
Acq: 20 Apr 2023 20:03

Tgt Ion:136 Resp: 1339055
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 10.9 8.9 13.3
68 7.8 6.5 9.7





#23

Nitrobenzene-d5

Concen: 92.163 ng

RT: 7.322 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF132946.D

Acq: 20 Apr 2023 20:03

Instrument :

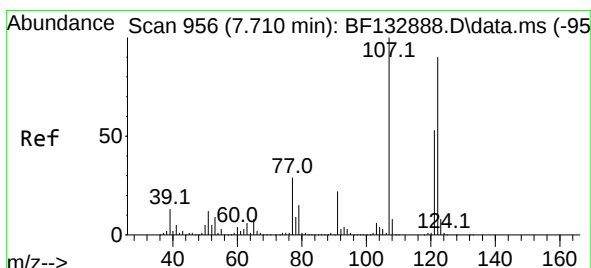
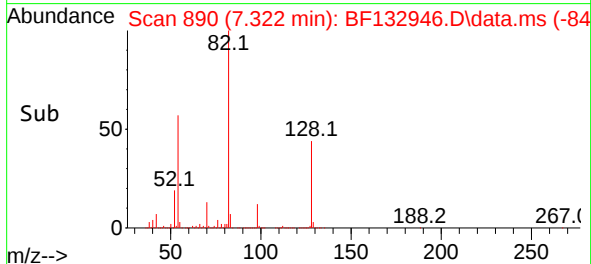
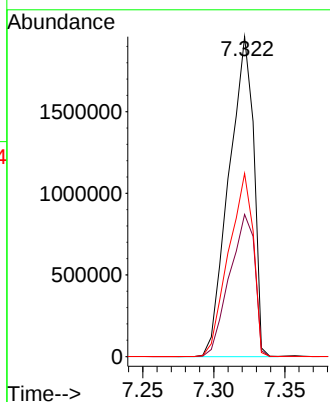
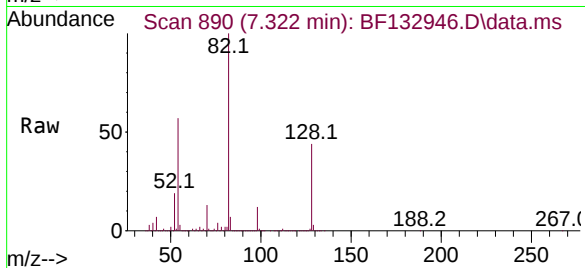
BNA_F

ClientSampleId :

SPA-3WC-23-04

Tgt Ion: 82 Resp: 2367621

Ion	Ratio	Lower	Upper
82	100		
128	44.4	35.7	53.5
54	57.2	44.7	67.1



#27

2,4-Dimethylphenol

Concen: 7.156 ng

RT: 7.692 min Scan# 953

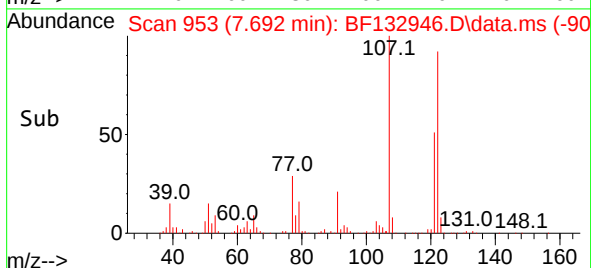
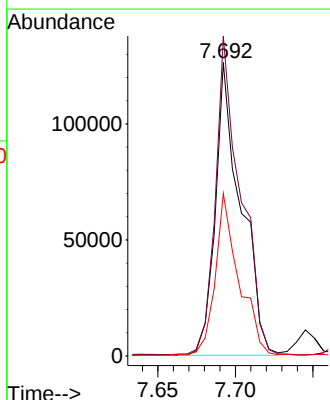
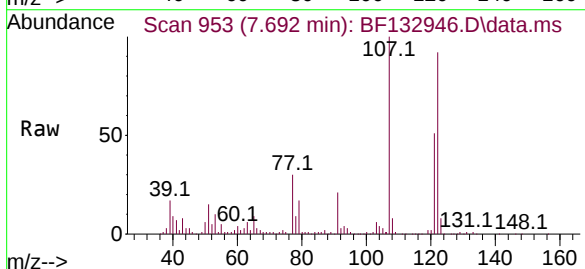
Delta R.T. -0.006 min

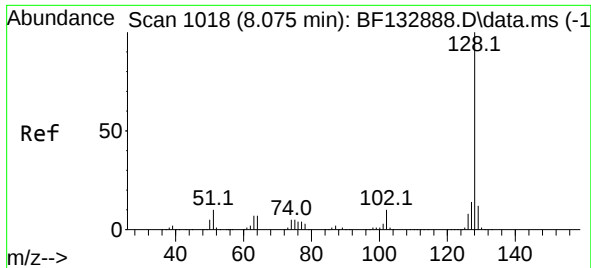
Lab File: BF132946.D

Acq: 20 Apr 2023 20:03

Tgt Ion: 122 Resp: 145000

Ion	Ratio	Lower	Upper
122	100		
107	109.1	88.5	132.7
121	55.3	47.2	70.8

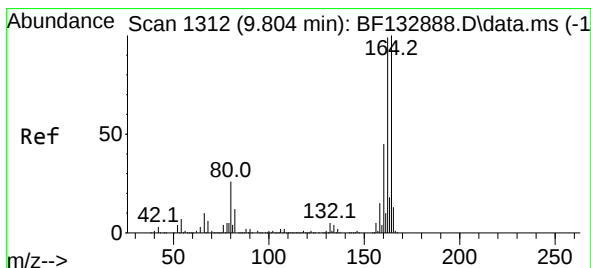
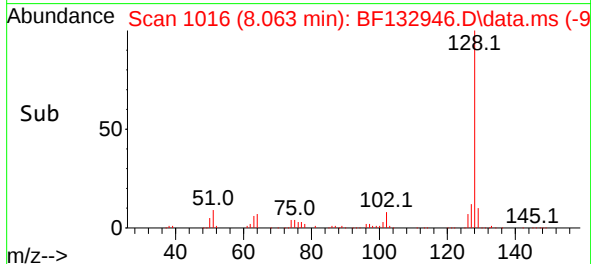
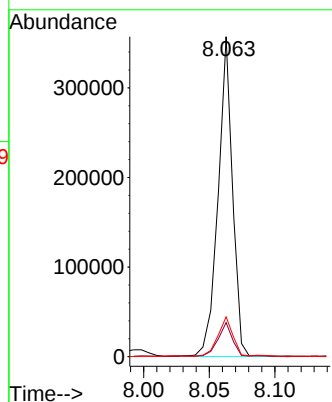
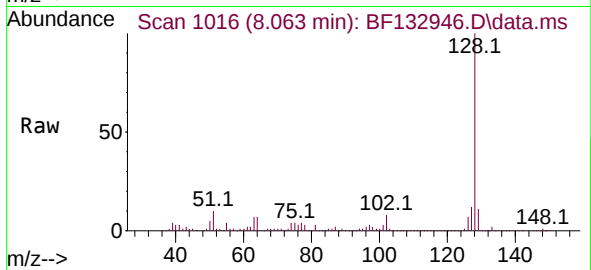




#31
Naphthalene
Concen: 4.042 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF132946.D
Acq: 20 Apr 2023 20:03

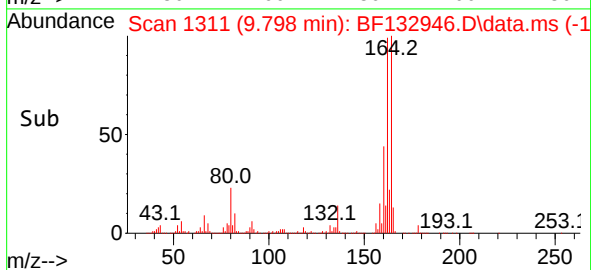
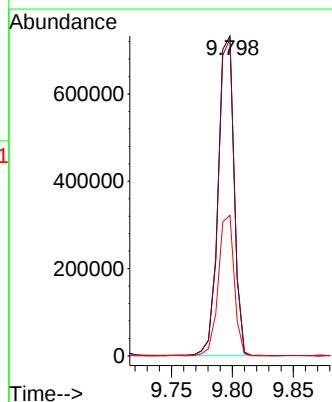
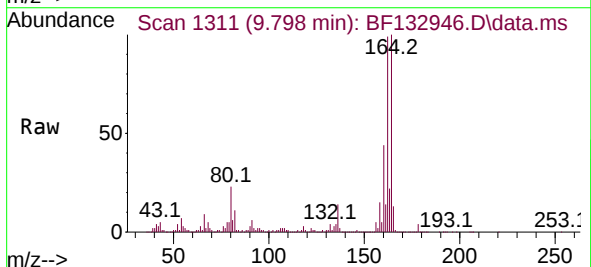
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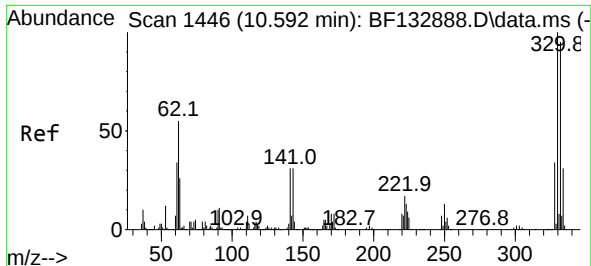
Tgt Ion:128 Resp: 273533
Ion Ratio Lower Upper
128 100
129 10.6 9.4 14.0
127 12.4 11.0 16.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.000 min
Lab File: BF132946.D
Acq: 20 Apr 2023 20:03

Tgt Ion:164 Resp: 664518
Ion Ratio Lower Upper
164 100
162 99.1 79.1 118.7
160 43.9 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 158.787 ng

RT: 10.586 min Scan# 1445

Delta R.T. -0.000 min

Lab File: BF132946.D

Acq: 20 Apr 2023 20:03

Instrument :

BNA_F

ClientSampleId :

SPA-3WC-23-04

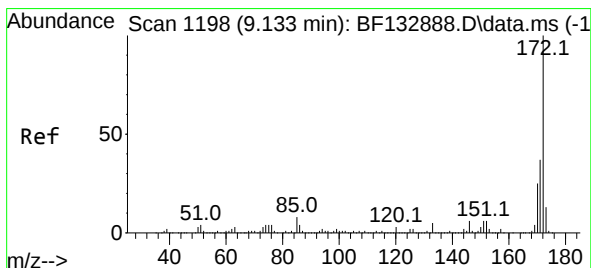
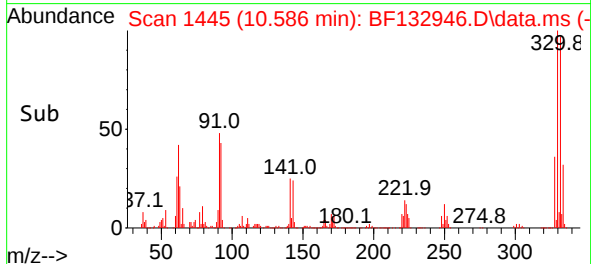
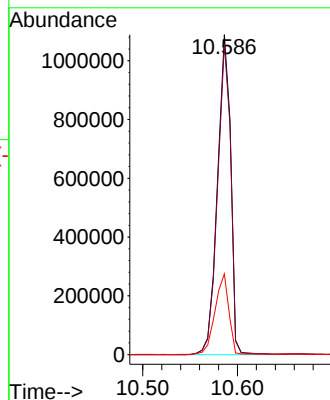
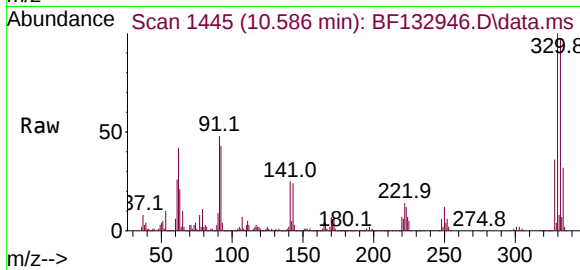
Tgt Ion:330 Resp: 1058343

Ion Ratio Lower Upper

330 100

332 96.8 76.3 114.5

141 26.3 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 85.900 ng

RT: 9.122 min Scan# 1196

Delta R.T. -0.000 min

Lab File: BF132946.D

Acq: 20 Apr 2023 20:03

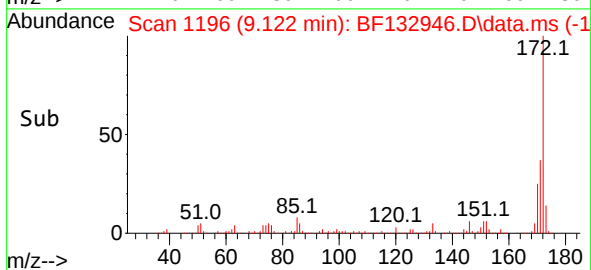
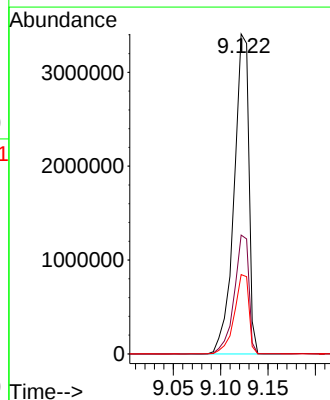
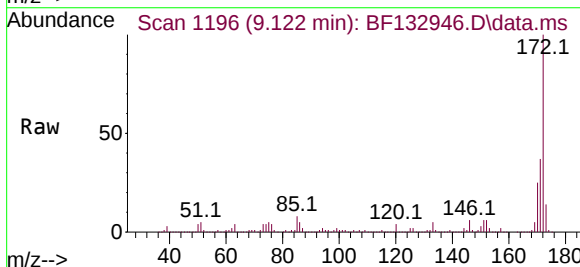
Tgt Ion:172 Resp: 3715753

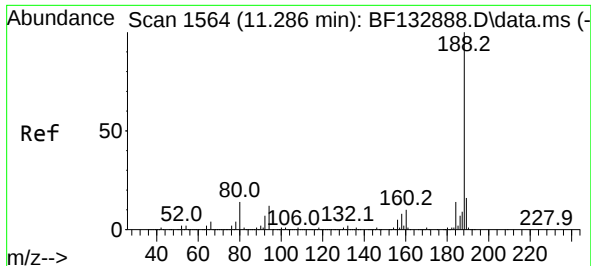
Ion Ratio Lower Upper

172 100

171 37.1 29.4 44.0

170 24.8 20.1 30.1

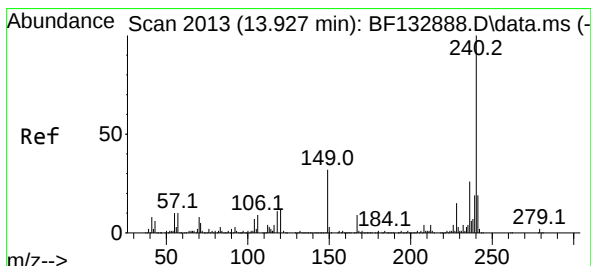
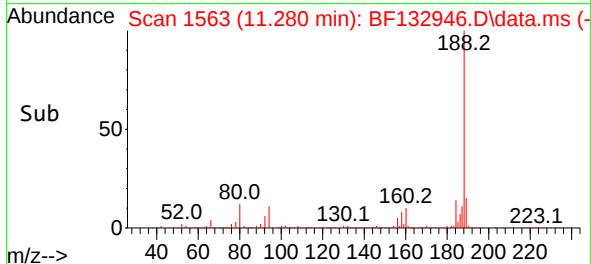
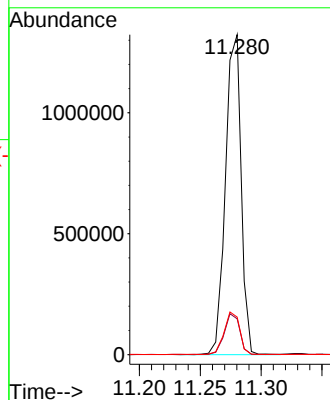
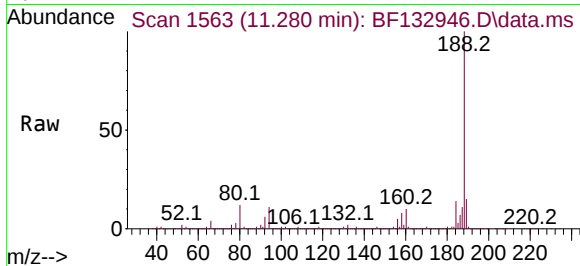




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.280 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132946.D
Acq: 20 Apr 2023 20:03

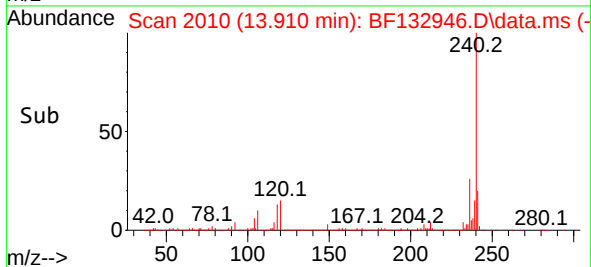
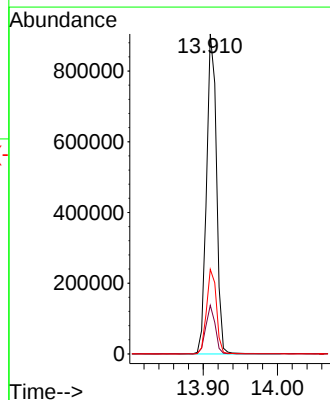
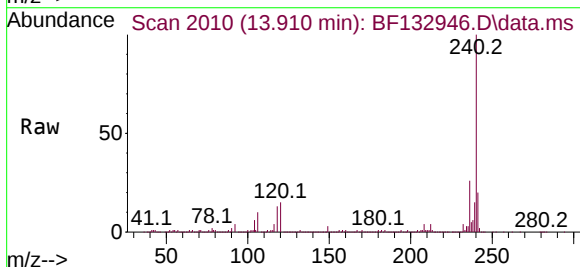
Instrument :
BNA_F
ClientSampleId :
SPA-3WC-23-04

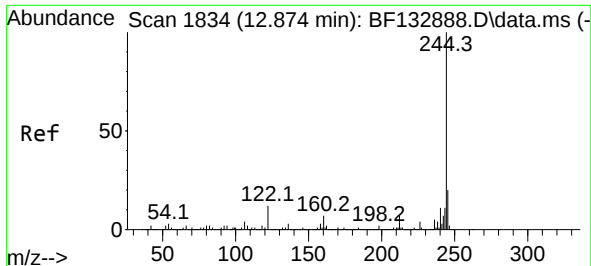
Tgt Ion:188 Resp: 1186051
Ion Ratio Lower Upper
188 100
94 11.2 9.9 14.9
80 11.7 10.8 16.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.910 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF132946.D
Acq: 20 Apr 2023 20:03

Tgt Ion:240 Resp: 840698
Ion Ratio Lower Upper
240 100
120 15.2 10.0 15.0#
236 26.4 20.8 31.2

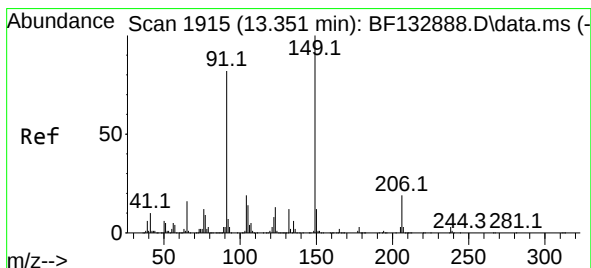
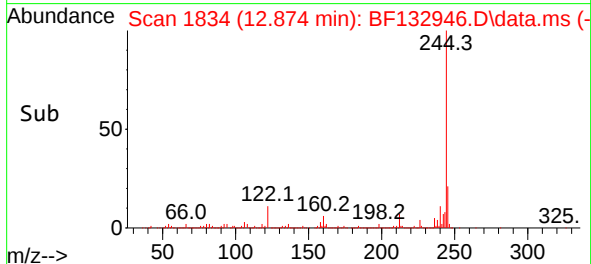
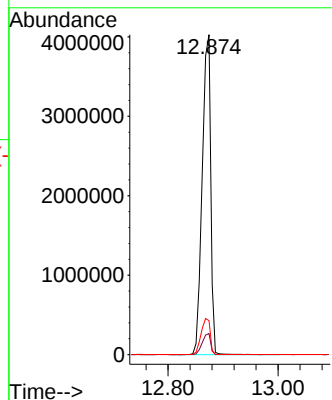
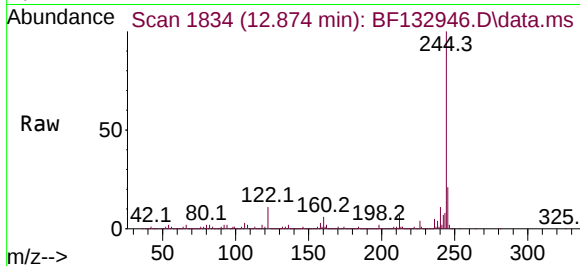




#79
 Terphenyl-d14
 Concen: 87.435 ng
 RT: 12.874 min Scan# 1834
 Delta R.T. 0.006 min
 Lab File: BF132946.D
 Acq: 20 Apr 2023 20:03

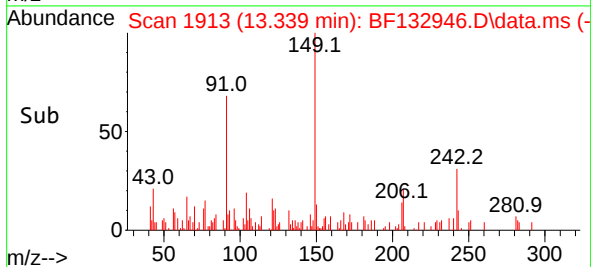
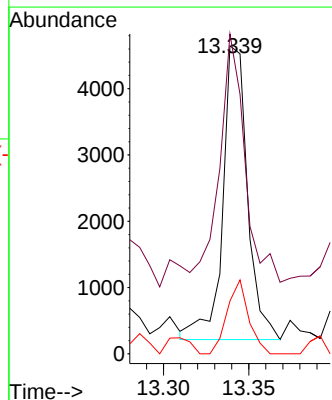
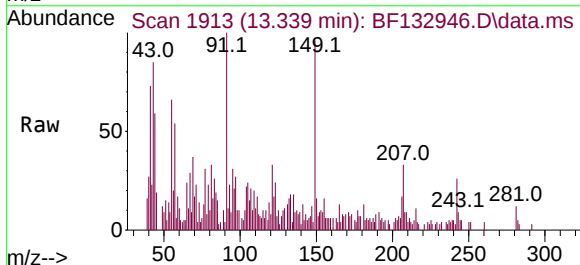
Instrument :
 BNA_F
 ClientSampleId :
 SPA-3WC-23-04

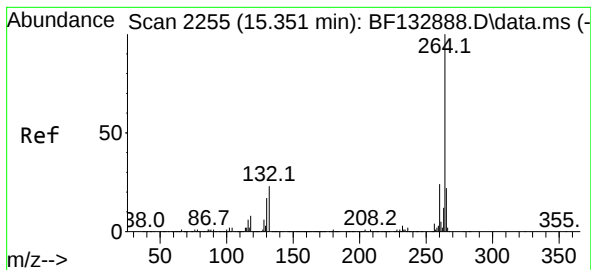
Tgt Ion:244 Resp: 4308500
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 10.6 9.6 14.4



#80
 Butylbenzylphthalate
 Concen: 5.376 ng
 RT: 13.339 min Scan# 1913
 Delta R.T. -0.006 min
 Lab File: BF132946.D
 Acq: 20 Apr 2023 20:03

Tgt Ion:149 Resp: 4491
 Ion Ratio Lower Upper
 149 100
 91 103.9 65.4 98.0#
 206 17.2 15.6 23.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.339 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF132946.D
 Acq: 20 Apr 2023 20:03

Instrument :
 BNA_F
 ClientSampleId :
 SPA-3WC-23-04

Tgt Ion:264 Resp: 668583
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.0 28.6
 265 21.2 17.7 26.5

