

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111422\
 Data File : BF131229.D
 Acq On : 14 Nov 2022 16:42
 Operator : CG\JU
 Sample : PB148287BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148287BL

Quant Time: Nov 15 04:43:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 15 03:52:41 2022
 Response via : Initial Calibration

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

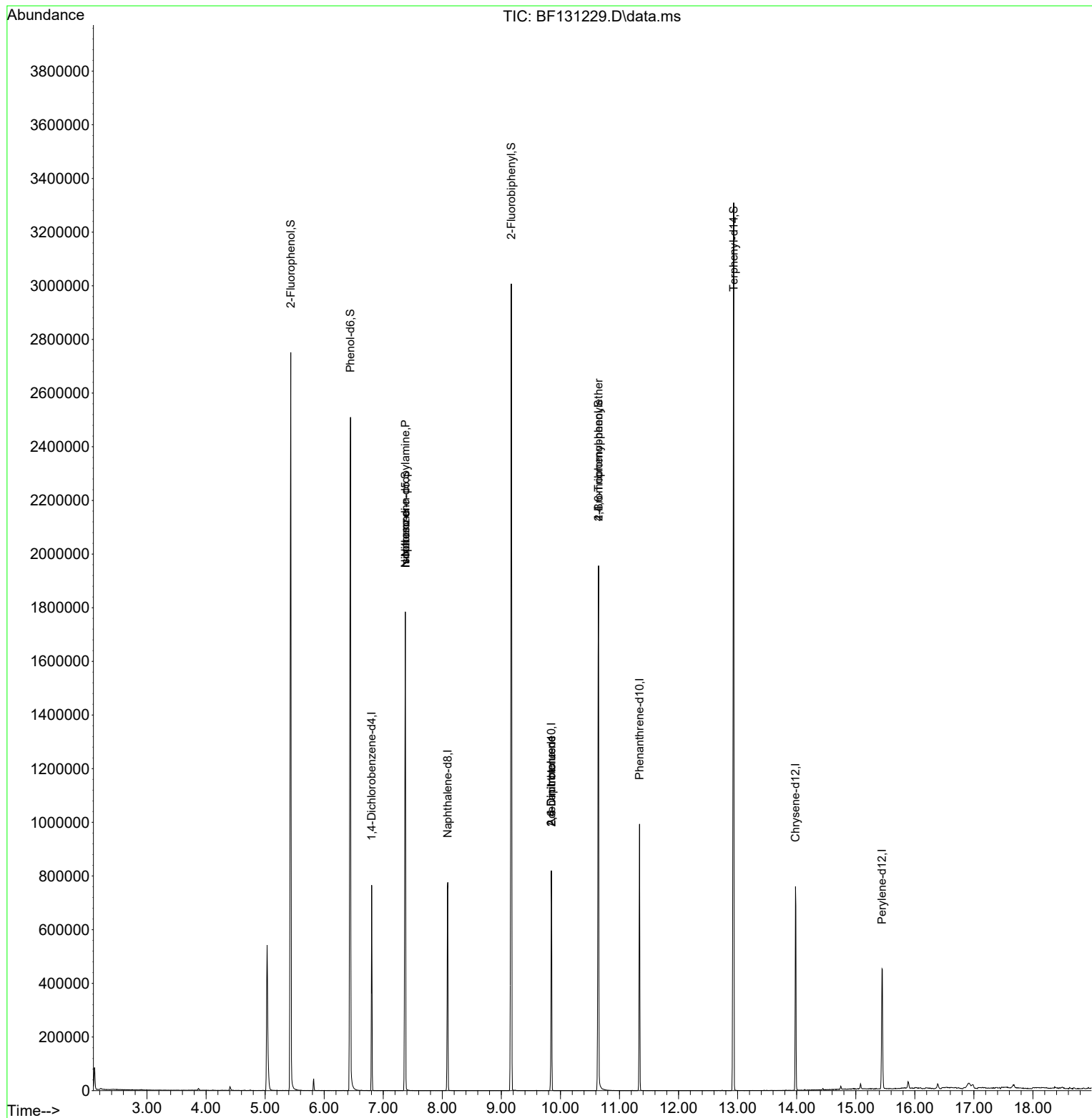
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	91026	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	351159	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	164414	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	321406	20.000	ng	0.00
76) Chrysene-d12	13.980	240	264742	20.000	ng	-0.01
86) Perylene-d12	15.445	264	202475	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	668674	112.384	ng	0.02
7) Phenol-d6	6.445	99	852625	115.125	ng	0.00
23) Nitrobenzene-d5	7.375	82	598508	73.125	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	212188	130.301	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	955427	80.701	ng	0.00
79) Terphenyl-d14	12.933	244	1135068	73.559	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.375	70	84151	16.512	ng	# 74
25) Isophorone	7.375	82	593607	44.717	ng	# 67
51) 2,6-Dinitrotoluene	9.845	165	20646	7.569	ng	# 14
57) 2,4-Dinitrotoluene	9.845	165	20646	5.899	ng	# 12
67) 4-Bromophenyl-phenylether	10.645	248	13240	3.484	ng	# 1

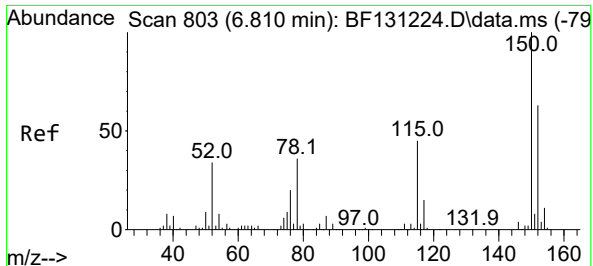
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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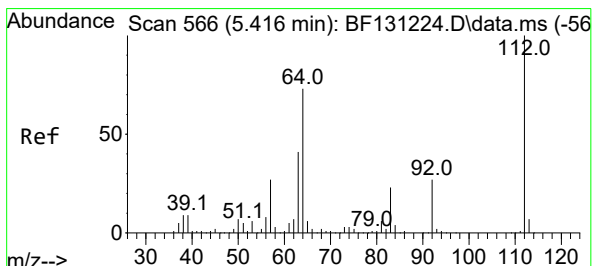
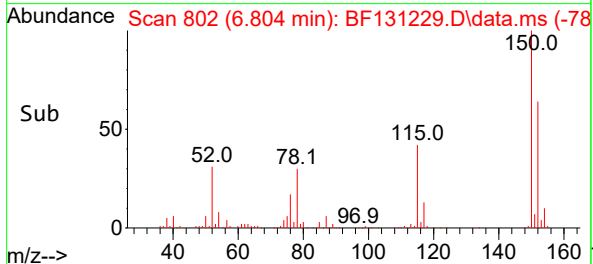
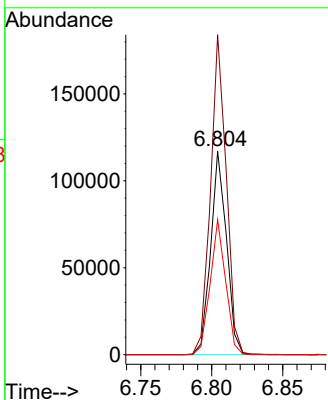
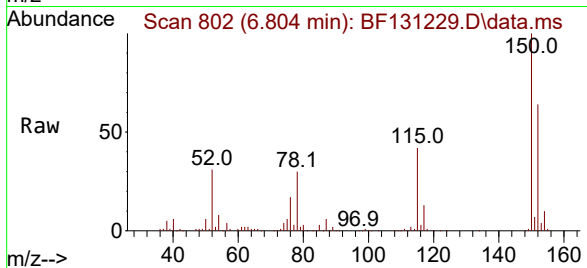




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF131229.D
Acq: 14 Nov 2022 16:42

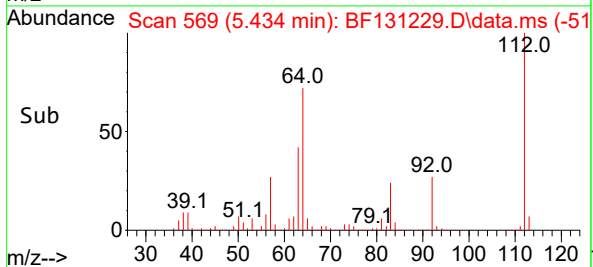
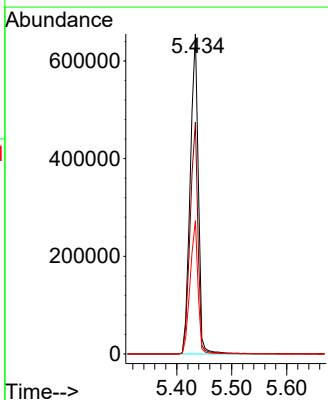
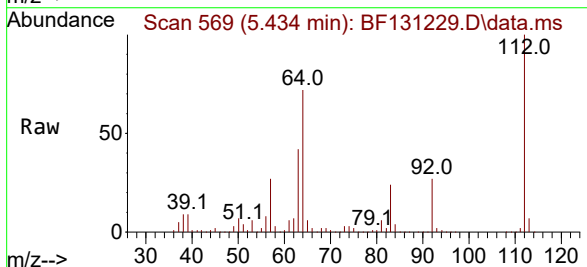
Instrument :
BNA_F
ClientSampleId :
PB148287BL

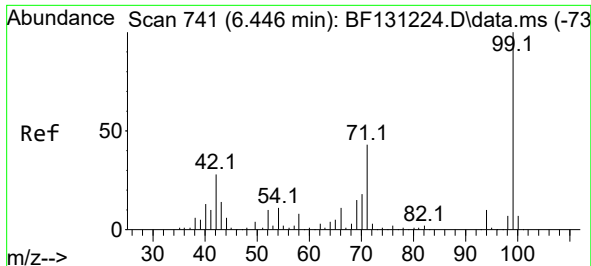
Tgt Ion:152 Resp: 91026
Ion Ratio Lower Upper
152 100
150 157.3 126.2 189.2
115 66.2 56.8 85.2



#5
2-Fluorophenol
Concen: 112.384 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.017 min
Lab File: BF131229.D
Acq: 14 Nov 2022 16:42

Tgt Ion:112 Resp: 668674
Ion Ratio Lower Upper
112 100
64 72.4 58.6 87.8
63 41.6 32.6 49.0

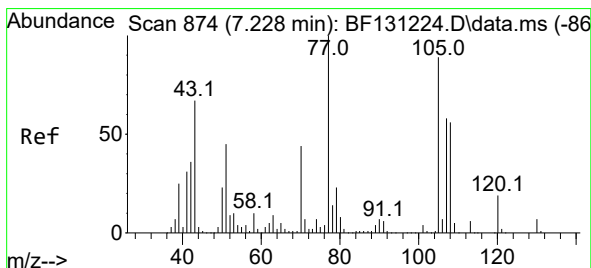
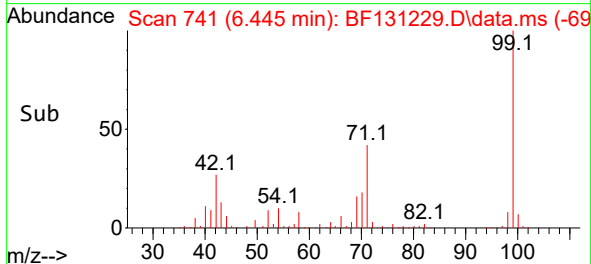
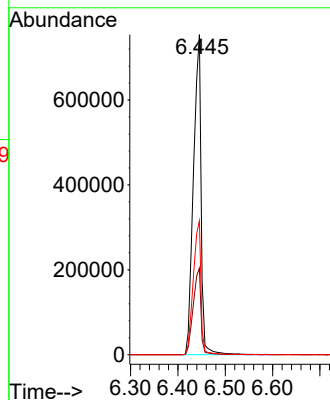
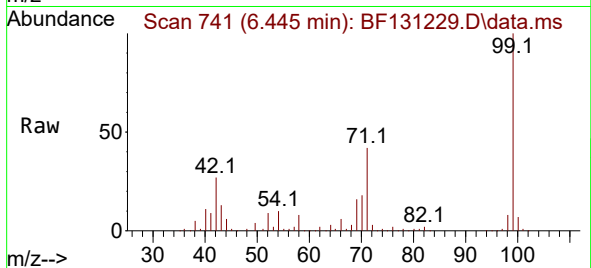




#7
Phenol-d6
Concen: 115.125 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF131229.D
Acq: 14 Nov 2022 16:42

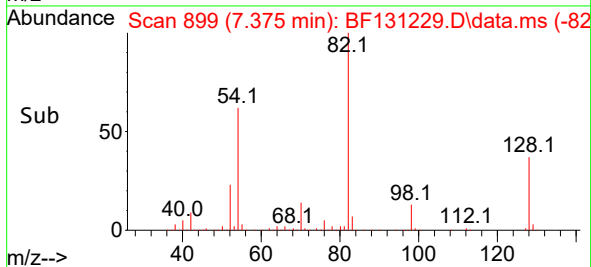
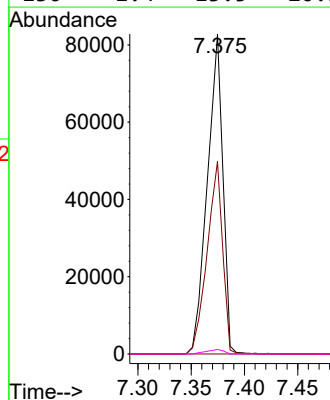
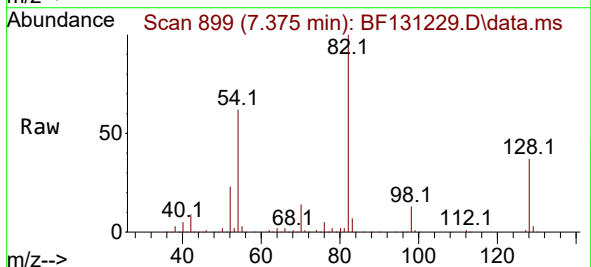
Instrument :
BNA_F
ClientSampleId :
PB148287BL

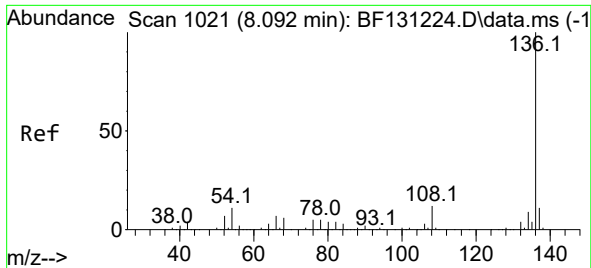
Tgt Ion: 99 Resp: 852625
Ion Ratio Lower Upper
99 100
42 27.0 22.5 33.7
71 41.8 34.5 51.7



#19
n-Nitroso-di-n-propylamine
Concen: 16.512 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.147 min
Lab File: BF131229.D
Acq: 14 Nov 2022 16:42

Tgt Ion: 70 Resp: 84151
Ion Ratio Lower Upper
70 100
42 60.1 65.8 98.6#
101 0.0 7.4 11.0#
130 1.4 13.5 20.3#

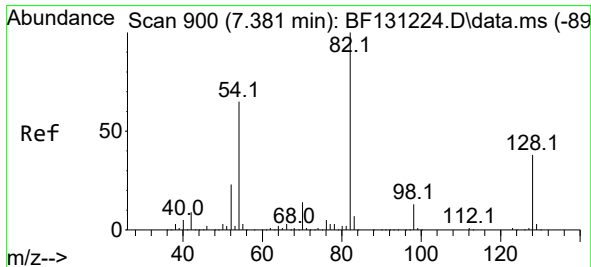
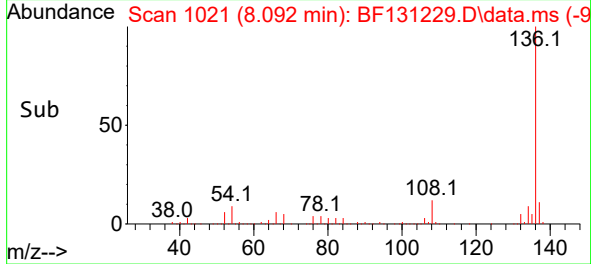
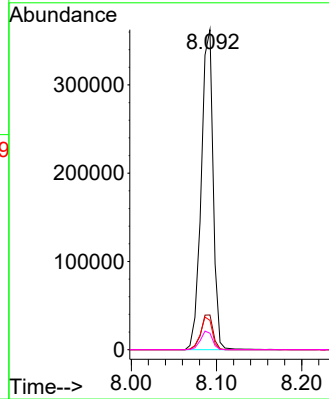
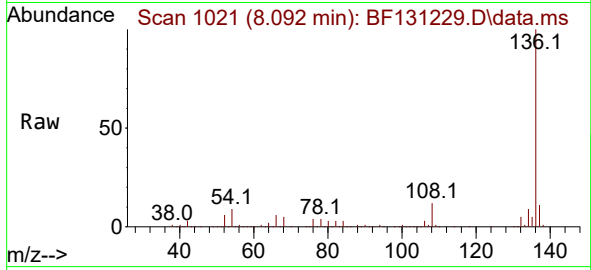




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF131229.D
Acq: 14 Nov 2022 16:42

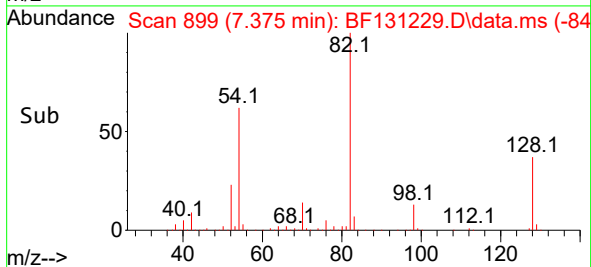
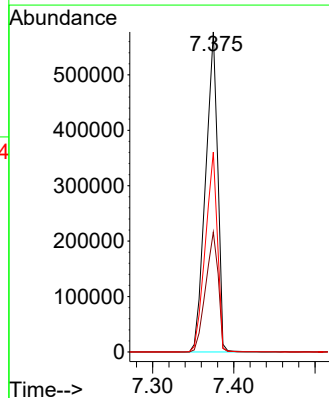
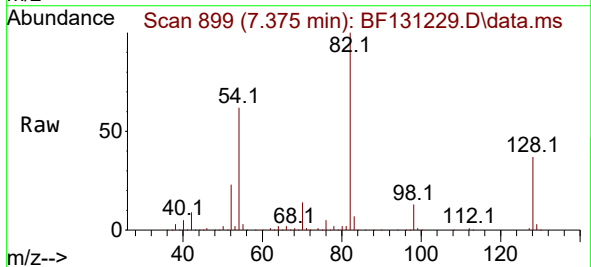
Instrument :
BNA_F
ClientSampleId :
PB148287BL

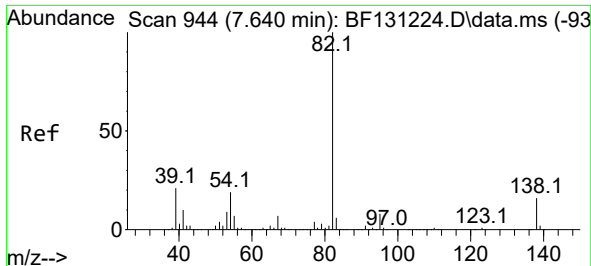
Tgt Ion:	136	Resp:	351159
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.0	13.4
54	9.2	9.0	13.4
68	5.1	5.0	7.4



#23
Nitrobenzene-d5
Concen: 73.125 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF131229.D
Acq: 14 Nov 2022 16:42

Tgt Ion:	82	Resp:	598508
Ion Ratio	Lower	Upper	
82	100		
128	37.5	30.3	45.5
54	62.5	52.3	78.5

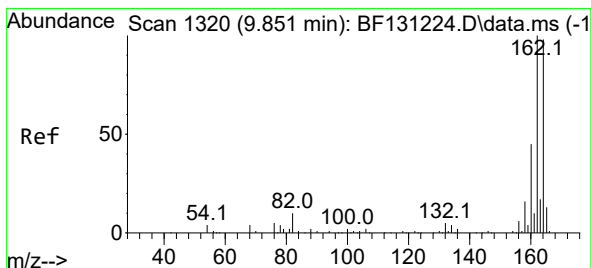
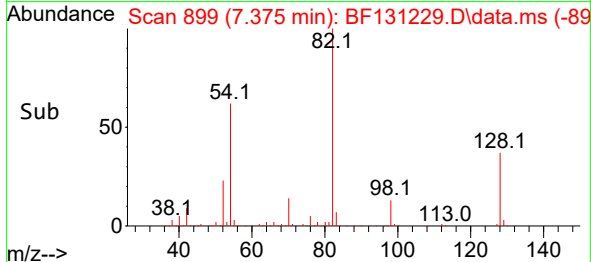
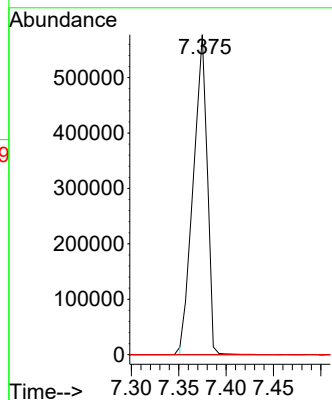
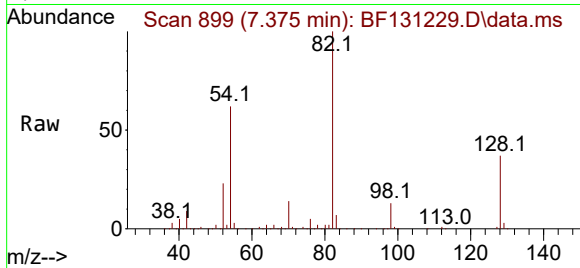




#25
Isophorone
Concen: 44.717 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.265 min
Lab File: BF131229.D
Acq: 14 Nov 2022 16:42

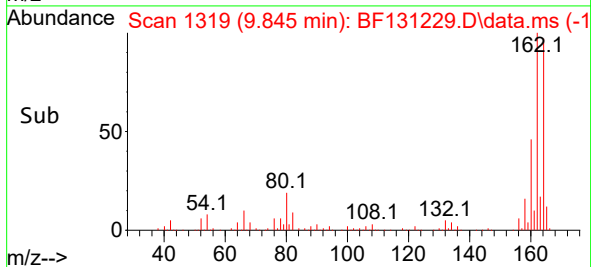
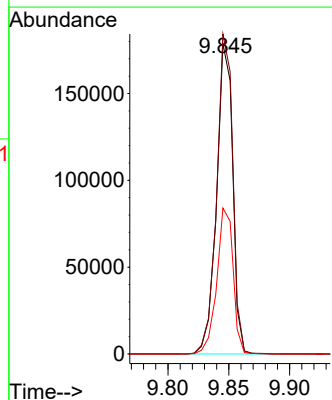
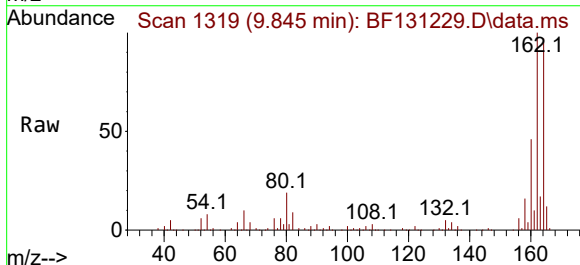
Instrument :
BNA_F
ClientSampleId :
PB148287BL

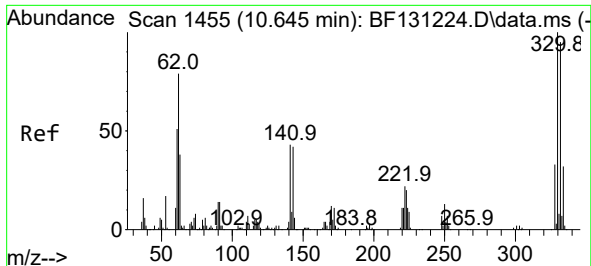
Tgt Ion: 82 Resp: 593607
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 12.9 19.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF131229.D
Acq: 14 Nov 2022 16:42

Tgt Ion:164 Resp: 164414
Ion Ratio Lower Upper
164 100
162 103.1 81.4 122.0
160 47.0 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 130.301 ng

RT: 10.645 min Scan# 1455

Delta R.T. 0.000 min

Lab File: BF131229.D

Acq: 14 Nov 2022 16:42

Instrument :

BNA_F

ClientSampleId :

PB148287BL

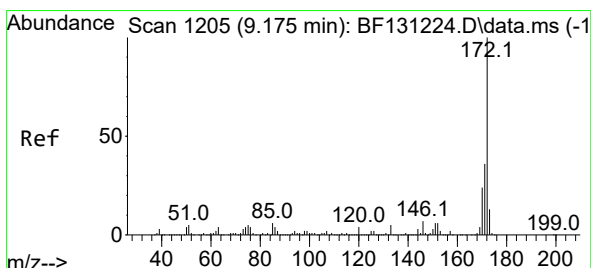
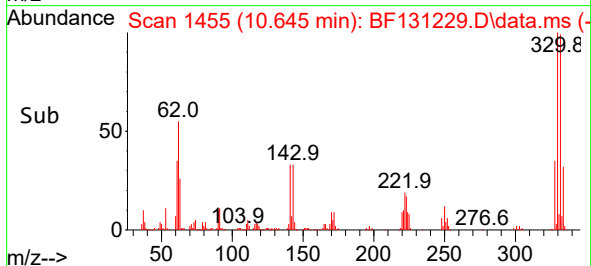
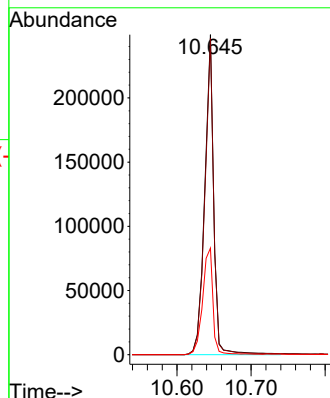
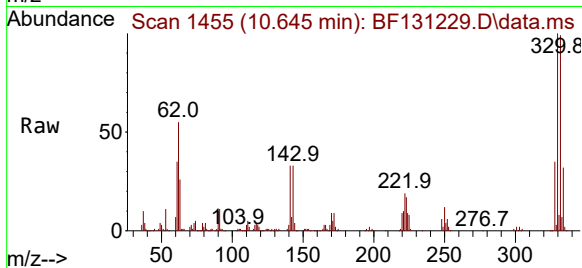
Tgt Ion:330 Resp: 212188

Ion Ratio Lower Upper

330 100

332 97.8 76.4 114.6

141 38.2 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 80.701 ng

RT: 9.169 min Scan# 1204

Delta R.T. -0.006 min

Lab File: BF131229.D

Acq: 14 Nov 2022 16:42

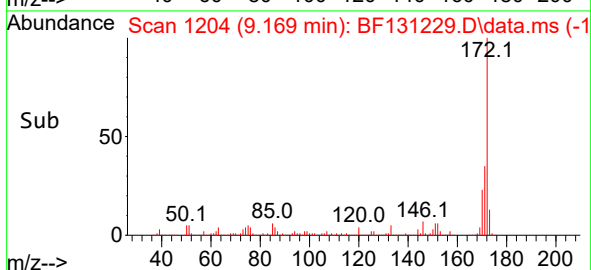
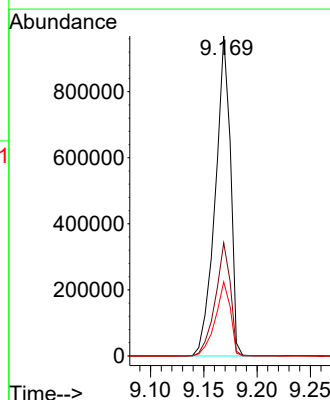
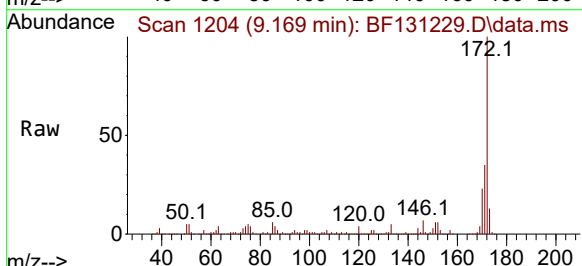
Tgt Ion:172 Resp: 955427

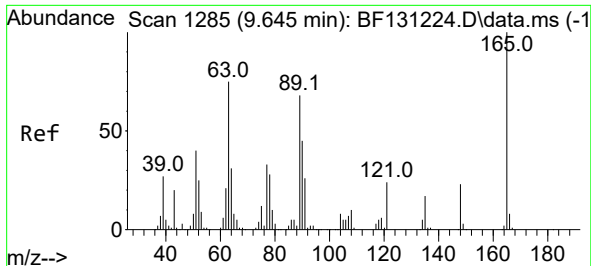
Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.2 19.1 28.7

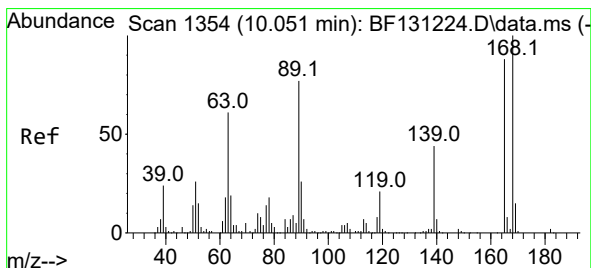
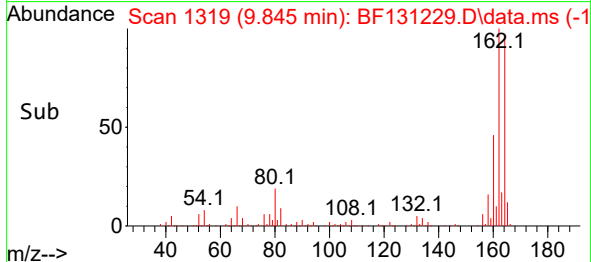
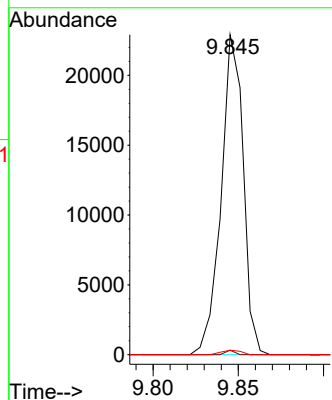
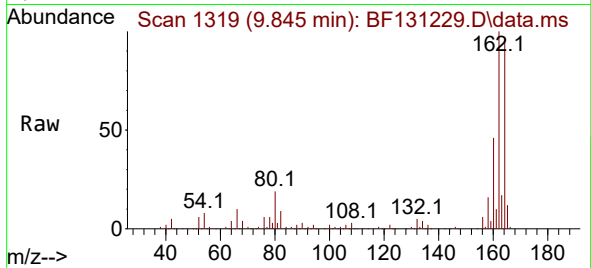




#51
2,6-Dinitrotoluene
Concen: 7.569 ng
RT: 9.845 min Scan# 1319
Delta R.T. 0.200 min
Lab File: BF131229.D
Acq: 14 Nov 2022 16:42

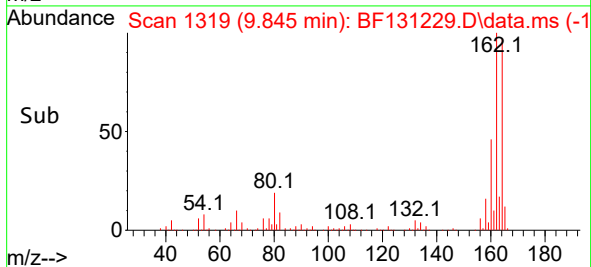
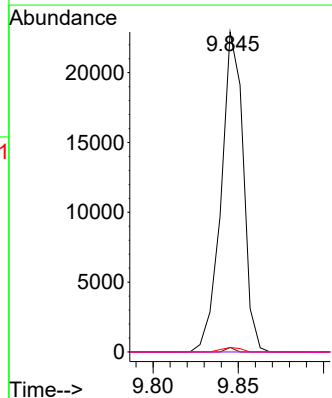
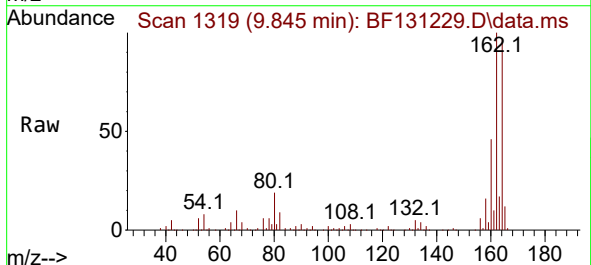
Instrument :
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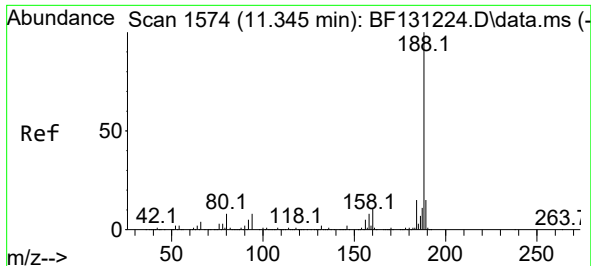
Tgt Ion:165 Resp: 20646
Ion Ratio Lower Upper
165 100
63 1.4 62.6 94.0#
89 1.4 54.5 81.7#



#57
2,4-Dinitrotoluene
Concen: 5.899 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.206 min
Lab File: BF131229.D
Acq: 14 Nov 2022 16:42

Tgt Ion:165 Resp: 20646
Ion Ratio Lower Upper
165 100
63 1.4 56.6 84.8#
89 1.4 70.1 105.1#
182 0.0 2.2 3.2#

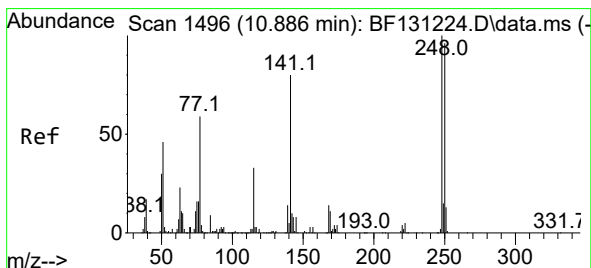
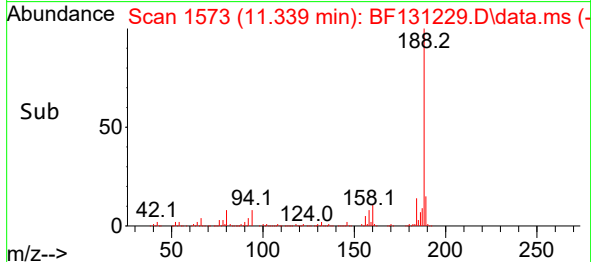
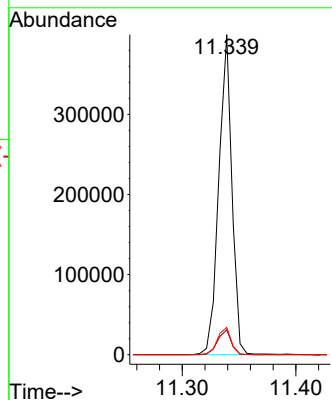
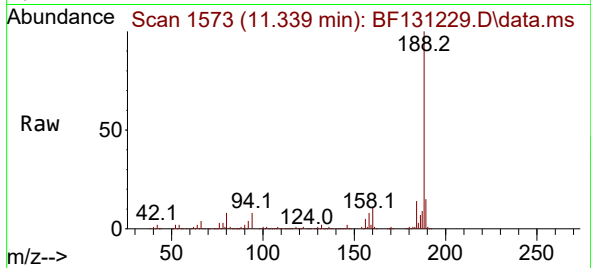




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF131229.D
Acq: 14 Nov 2022 16:42

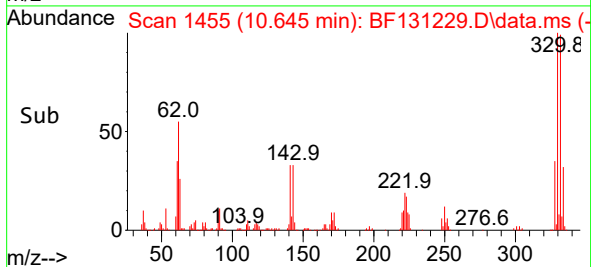
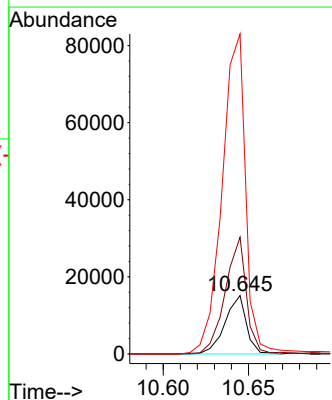
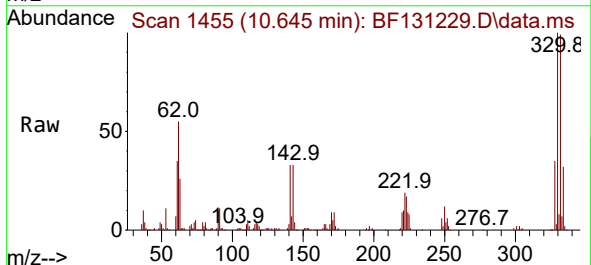
Instrument :
BNA_F
ClientSampleId :
PB148287BL

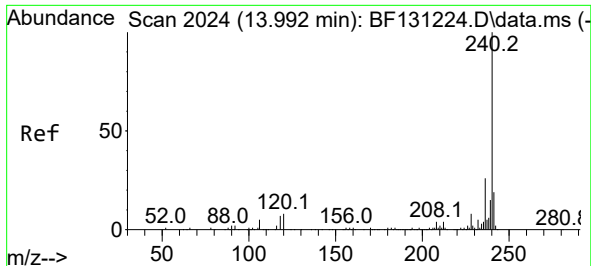
Tgt Ion:188 Resp: 321406
Ion Ratio Lower Upper
188 100
94 7.8 6.6 10.0
80 8.5 6.7 10.1



#67
4-Bromophenyl-phenylether
Concen: 3.484 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.241 min
Lab File: BF131229.D
Acq: 14 Nov 2022 16:42

Tgt Ion:248 Resp: 13240
Ion Ratio Lower Upper
248 100
250 199.8 76.7 115.1#
141 547.8 64.3 96.5#

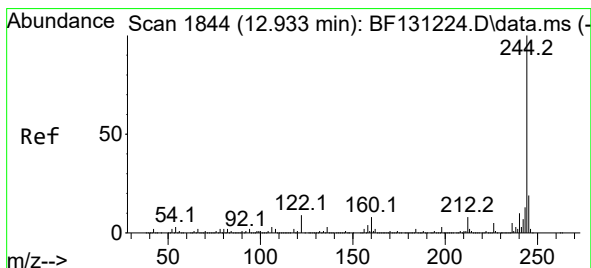
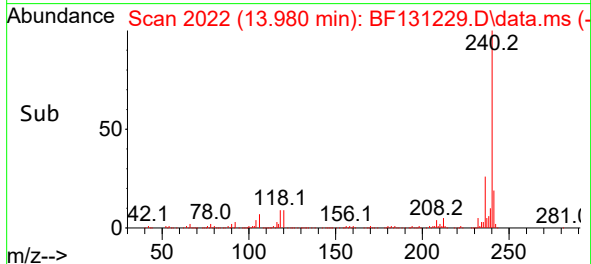
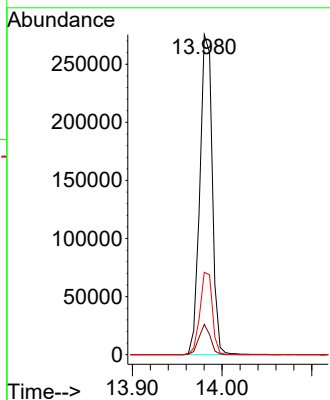
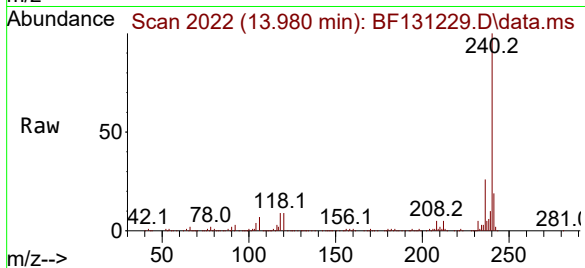




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF131229.D
Acq: 14 Nov 2022 16:42

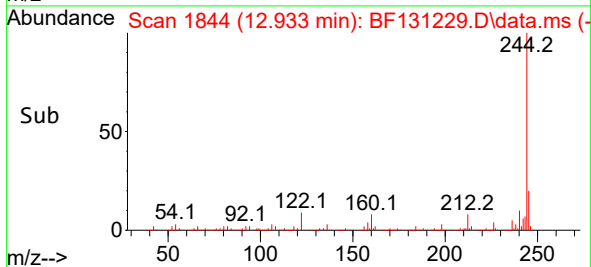
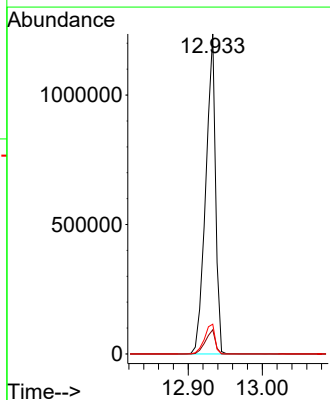
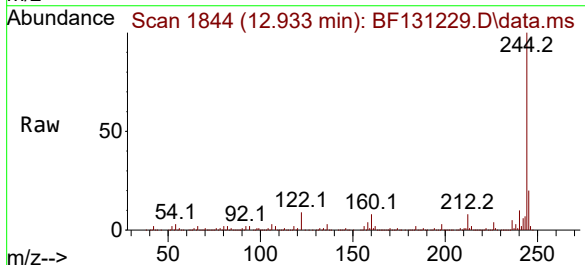
Instrument :
BNA_F
ClientSampleId :
PB148287BL

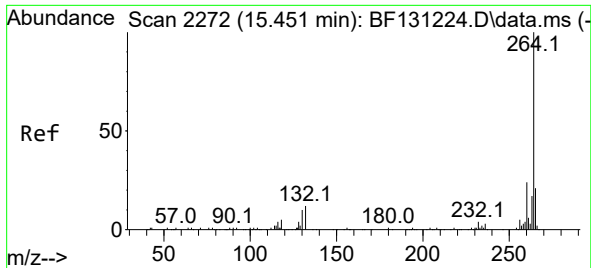
Tgt Ion:240 Resp: 264742
Ion Ratio Lower Upper
240 100
120 9.5 6.5 9.7
236 25.7 21.1 31.7



#79
Terphenyl-d14
Concen: 73.559 ng
RT: 12.933 min Scan# 1844
Delta R.T. -0.000 min
Lab File: BF131229.D
Acq: 14 Nov 2022 16:42

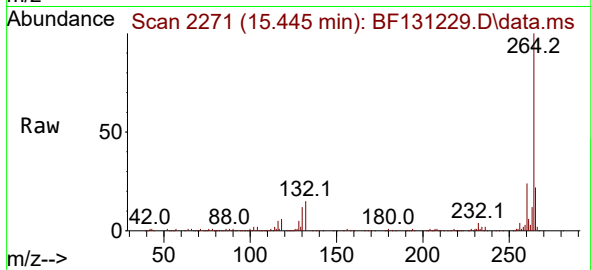
Tgt Ion:244 Resp: 1135068
Ion Ratio Lower Upper
244 100
212 7.5 6.2 9.4
122 9.3 7.0 10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF131229.D
Acq: 14 Nov 2022 16:42

Instrument :
BNA_F
ClientSampleId :
PB148287BL



Tgt Ion:264 Resp: 202475
Ion Ratio Lower Upper
264 100
260 23.9 19.0 28.4
265 22.1 17.0 25.4

