

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110420\
 Data File : BF122274.D
 Acq On : 4 Nov 2020 20:48
 Operator : JU/CG
 Sample : L4596-01 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-110320

Quant Time: Nov 05 00:23:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 30 10:16:54 2020
 Response via : Initial Calibration

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

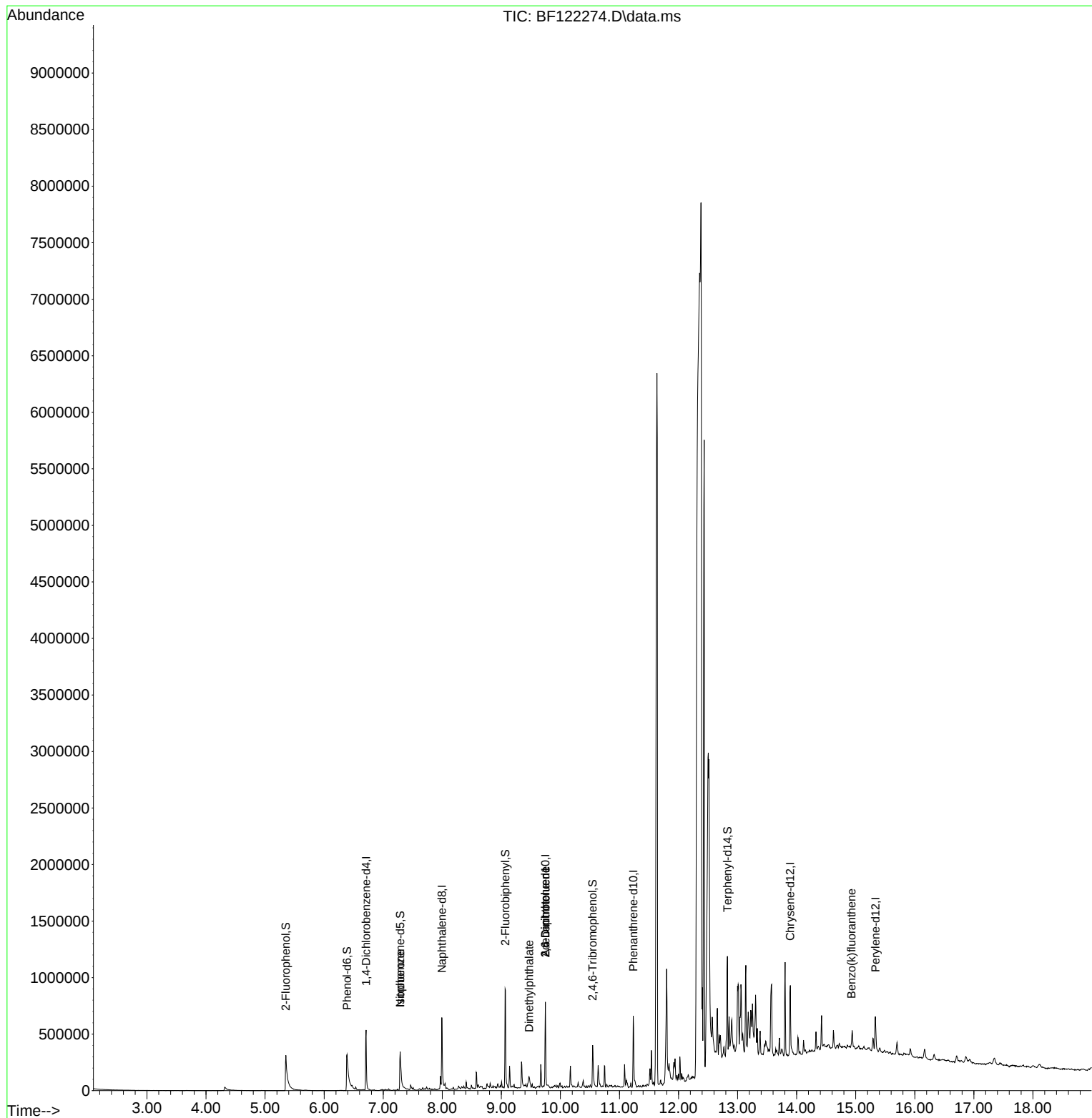
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	85290	20.00	ng	0.00
21) Naphthalene-d8	7.992	136	321554	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	142157	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	241021	20.00	ng	0.00
76) Chrysene-d12	13.892	240	209224	20.00	ng	0.01
86) Perylene-d12	15.333	264	160150	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	221821	38.39	ng	0.02
7) Phenol-d6	6.387	99	276784	37.21	ng	0.02
23) Nitrobenzene-d5	7.287	82	173079	27.60	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	57323	32.60	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	300756	31.13	ng	0.00
79) Terphenyl-d14	12.827	244	234774	21.38	ng	0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.393	77	448	Below Cal	#	35
25) Isophorone	7.287	82	173079	14.60	ng	# 67
50) Dimethylphthalate	9.469	163	41810	4.02	ng	100
51) 2,6-Dinitrotoluene	9.745	165	19315	8.47	ng	# 20
57) 2,4-Dinitrotoluene	9.745	165	19315	6.88	ng	# 20
89) Benzo(k)fluoranthene	14.927	252	20913	2.03	ng	# 75

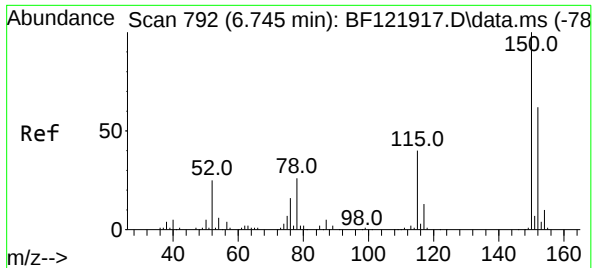
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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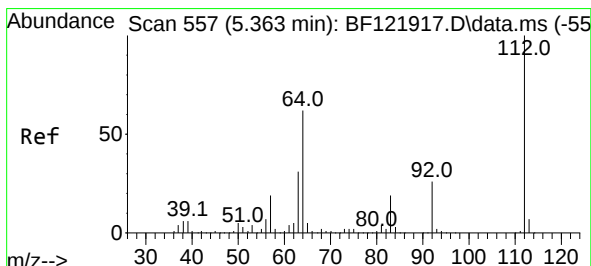
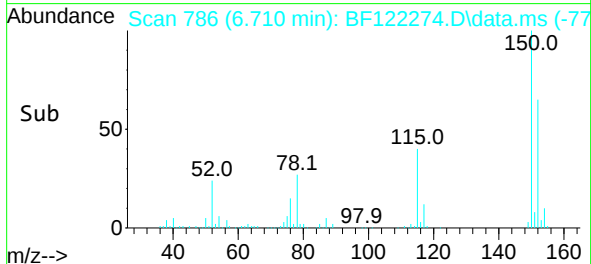
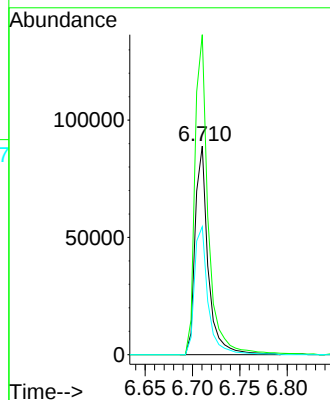
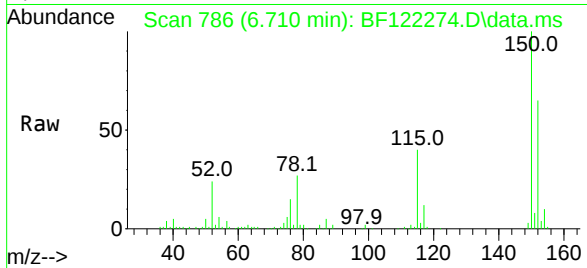




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF122274.D
Acq: 4 Nov 2020 20:48

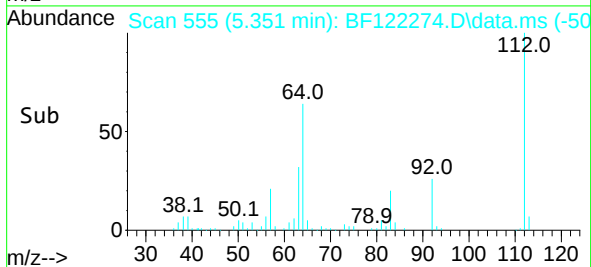
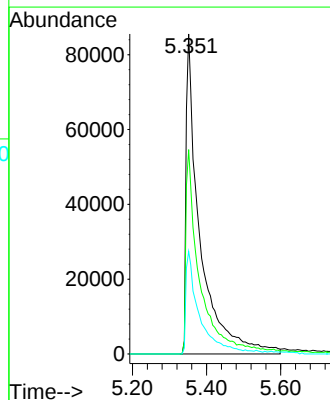
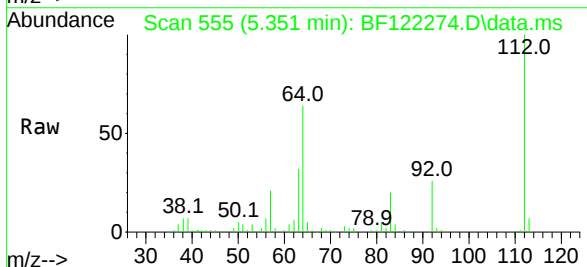
Instrument :
BNA_F
ClientSampleId :
TR-05-110320

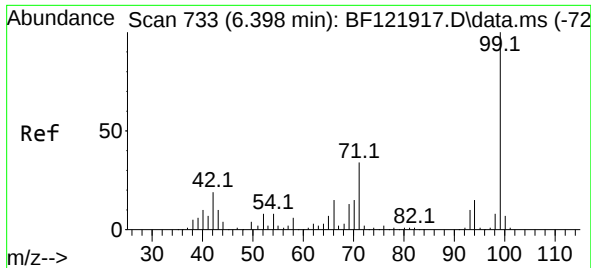
Tgt Ion:152 Resp: 85290
Ion Ratio Lower Upper
152 100
150 153.4 125.3 187.9
115 61.4 51.9 77.9



#5
2-Fluorophenol
Concen: 38.39 ng
RT: 5.351 min Scan# 555
Delta R.T. 0.018 min
Lab File: BF122274.D
Acq: 4 Nov 2020 20:48

Tgt Ion:112 Resp: 221821
Ion Ratio Lower Upper
112 100
64 63.8 50.4 75.6
63 32.1 25.8 38.6

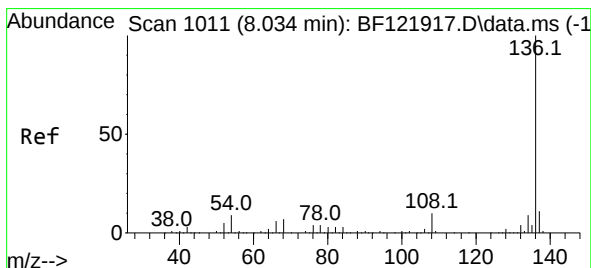
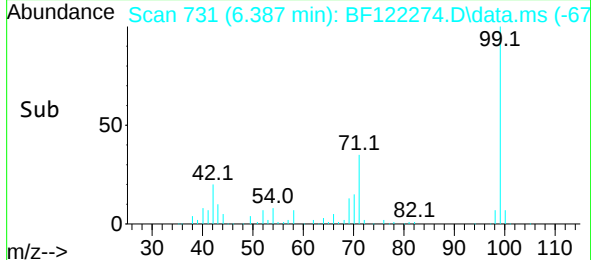
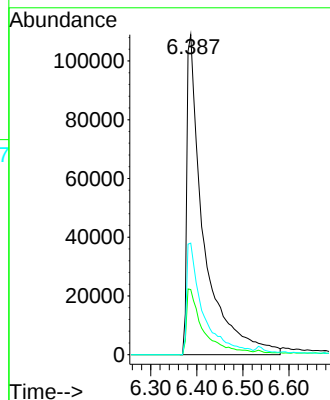
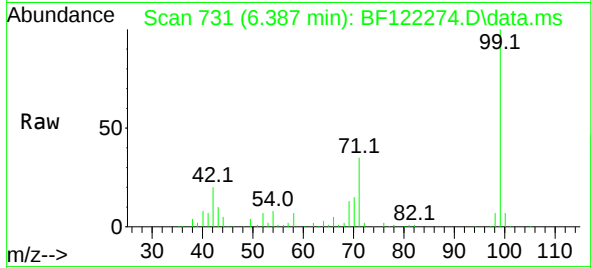




#7
Phenol-d6
Concen: 37.21 ng
RT: 6.387 min Scan# 731
Delta R.T. 0.018 min
Lab File: BF122274.D
Acq: 4 Nov 2020 20:48

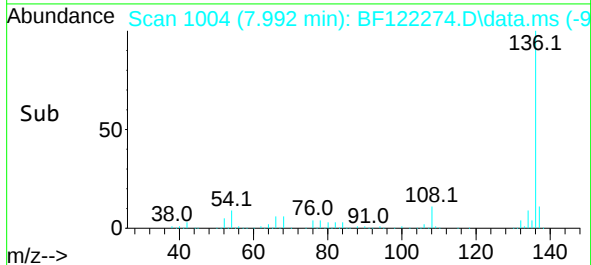
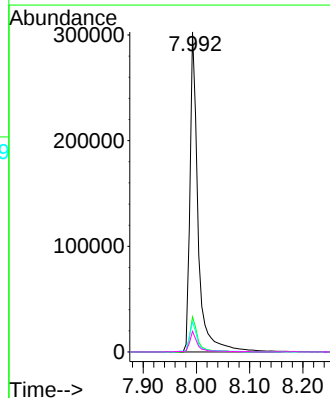
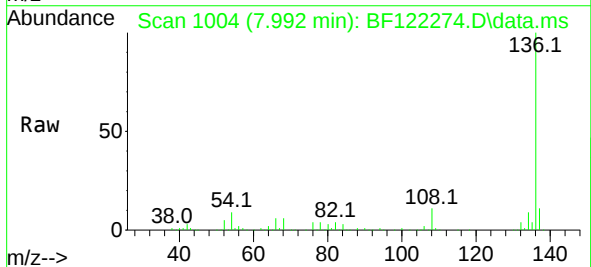
Instrument :
BNA_F
ClientSampleId :
TR-05-110320

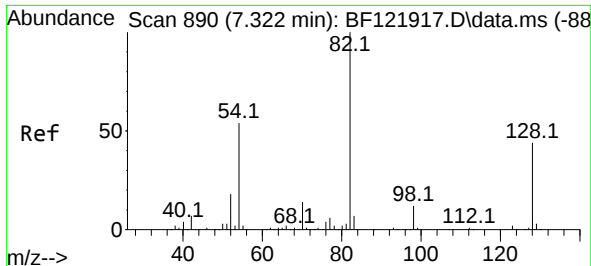
Tgt Ion: 99 Resp: 276784
Ion Ratio Lower Upper
99 100
42 20.3 15.9 23.9
71 34.9 27.1 40.7



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF122274.D
Acq: 4 Nov 2020 20:48

Tgt Ion: 136 Resp: 321554
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.4 7.1 10.7
68 6.5 5.0 7.4





#23

Nitrobenzene-d5

Concen: 27.60 ng

RT: 7.287 min Scan# 884

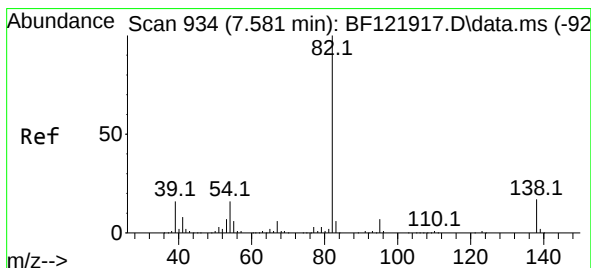
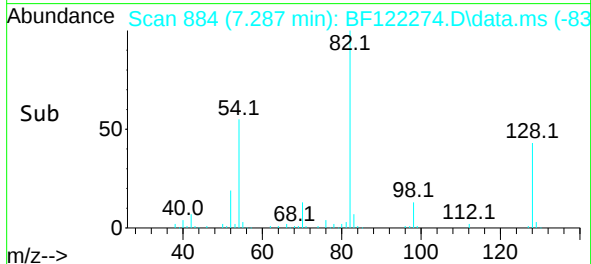
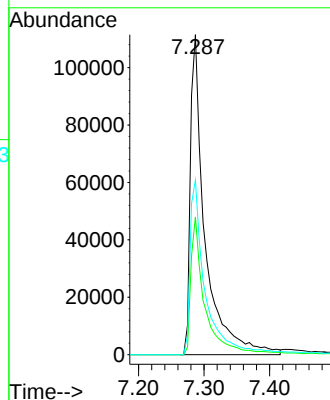
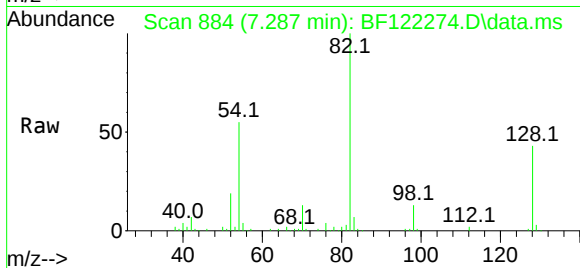
Delta R.T. 0.000 min

Lab File: BF122274.D

Acq: 4 Nov 2020 20:48

Tgt Ion: 82 Resp: 173079

Ion	Ratio	Lower	Upper
82	100		
128	43.0	35.0	52.4
54	54.6	43.9	65.9



#25

Isophorone

Concen: 14.60 ng

RT: 7.287 min Scan# 884

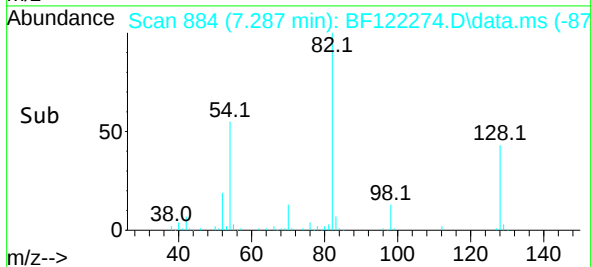
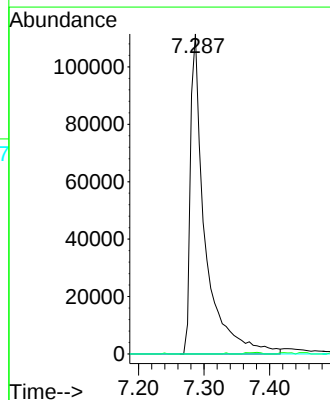
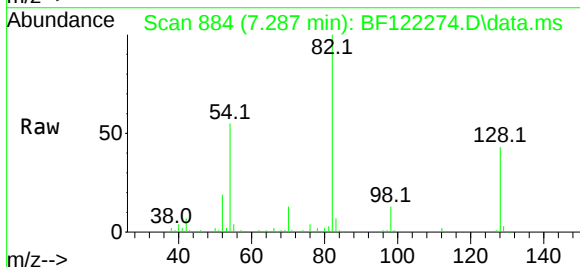
Delta R.T. -0.259 min

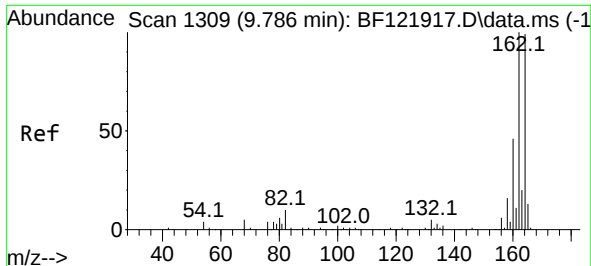
Lab File: BF122274.D

Acq: 4 Nov 2020 20:48

Tgt Ion: 82 Resp: 173079

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	13.4	20.0#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.745 min Scan# 1302

Delta R.T. -0.006 min

Lab File: BF122274.D

Acq: 4 Nov 2020 20:48

Instrument :

BNA_F

ClientSampleId :

TR-05-110320

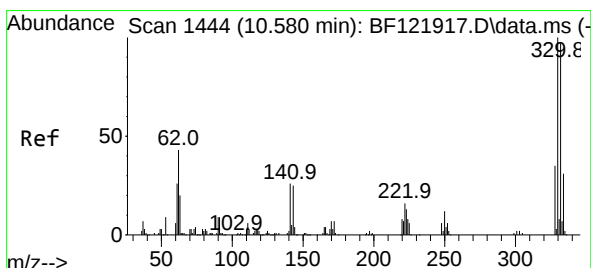
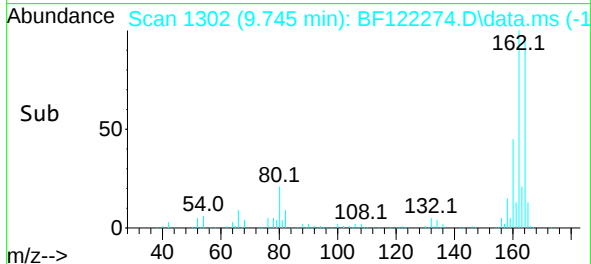
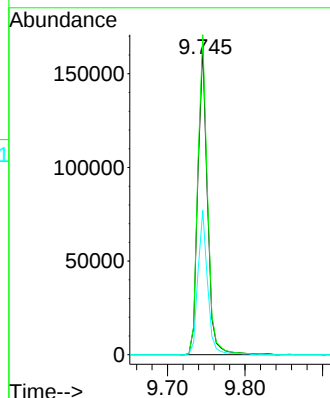
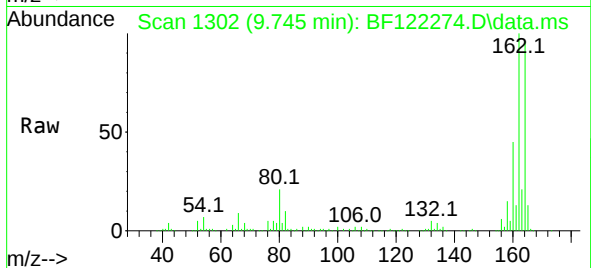
Tgt Ion:164 Resp: 142157

Ion Ratio Lower Upper

164 100

162 104.1 83.2 124.8

160 47.0 37.5 56.3



#42

2,4,6-Tribromophenol

Concen: 32.60 ng

RT: 10.545 min Scan# 1438

Delta R.T. 0.000 min

Lab File: BF122274.D

Acq: 4 Nov 2020 20:48

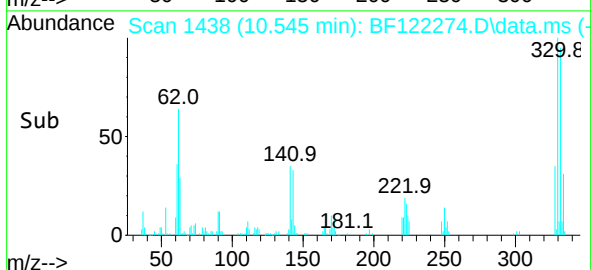
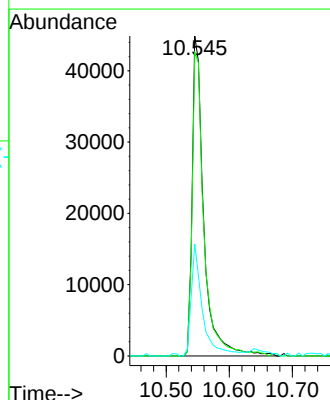
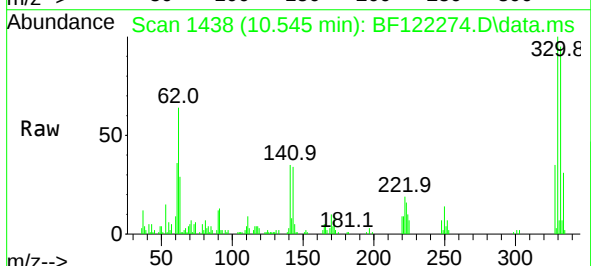
Tgt Ion:330 Resp: 57323

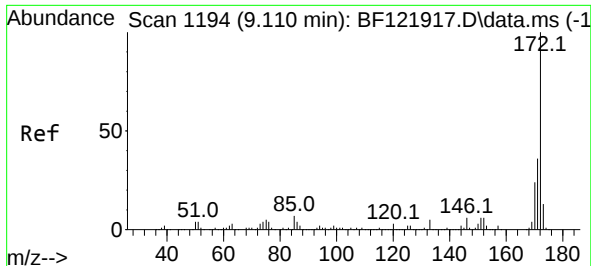
Ion Ratio Lower Upper

330 100

332 95.9 77.3 115.9

141 34.0 22.3 33.5#

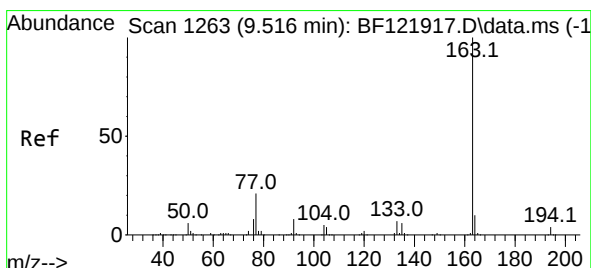
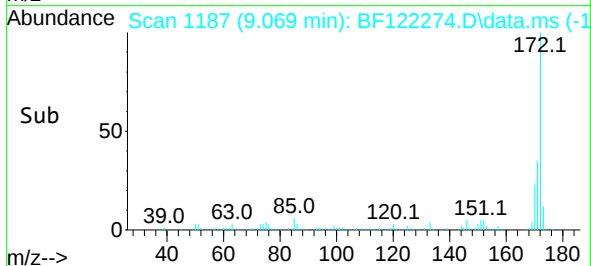
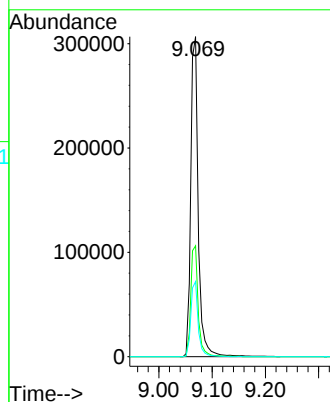
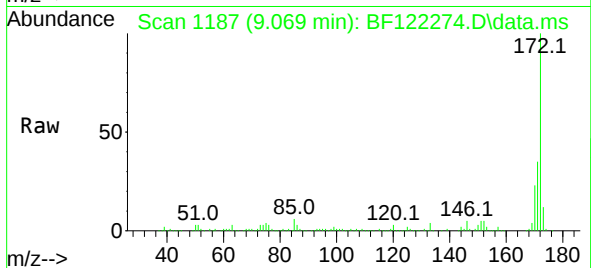




#45
2-Fluorobiphenyl
Concen: 31.13 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122274.D
Acq: 4 Nov 2020 20:48

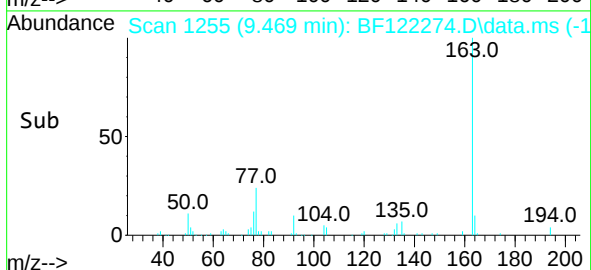
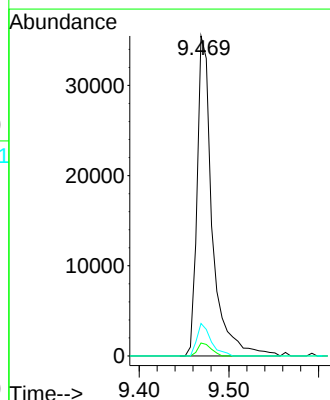
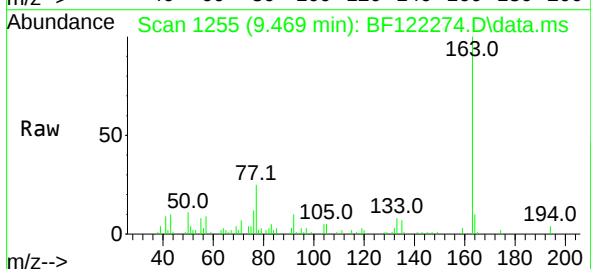
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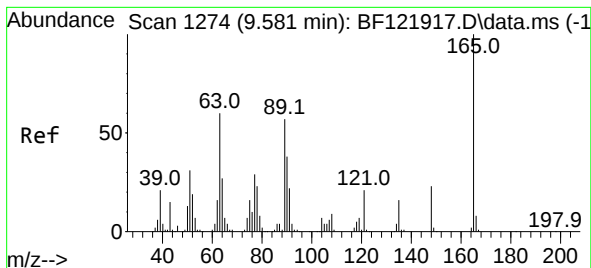
Tgt Ion:172 Resp: 300756
Ion Ratio Lower Upper
172 100
171 34.7 29.1 43.7
170 23.5 19.8 29.6



#50
Dimethylphthalate
Concen: 4.02 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BF122274.D
Acq: 4 Nov 2020 20:48

Tgt Ion:163 Resp: 41810
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.2 8.2 12.4

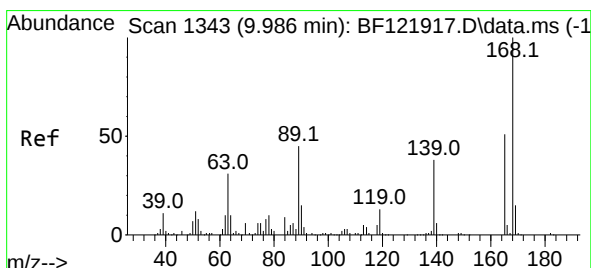
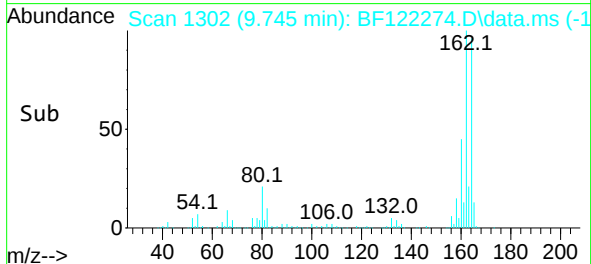
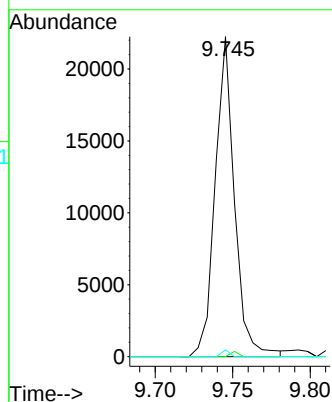
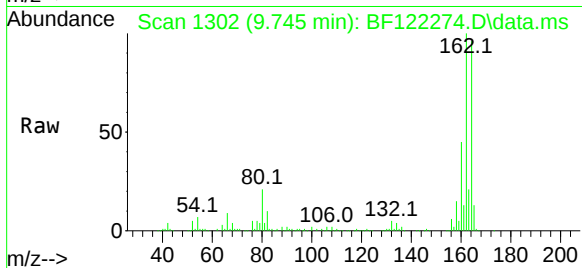




#51
2,6-Dinitrotoluene
Concen: 8.47 ng
RT: 9.745 min Scan# 1302
Delta R.T. 0.194 min
Lab File: BF122274.D
Acq: 4 Nov 2020 20:48

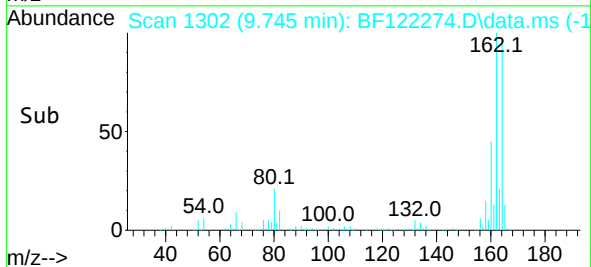
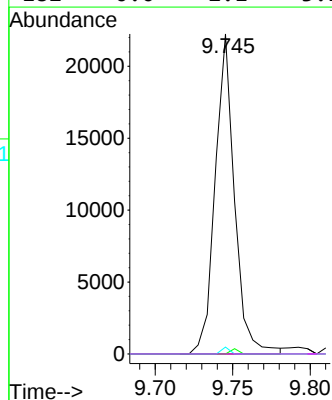
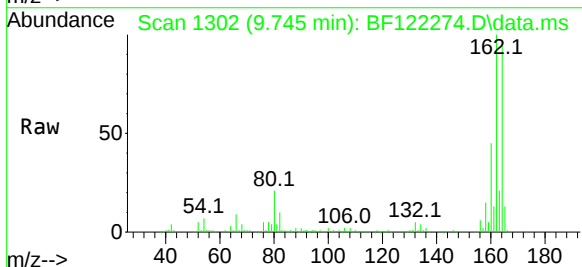
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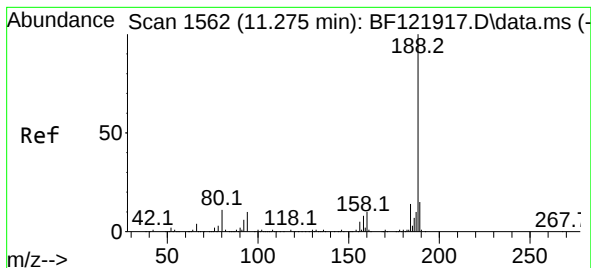
Tgt Ion:165 Resp: 19315
Ion Ratio Lower Upper
165 100
63 0.0 51.8 77.6#
89 2.2 49.0 73.6#



#57
2,4-Dinitrotoluene
Concen: 6.88 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.218 min
Lab File: BF122274.D
Acq: 4 Nov 2020 20:48

Tgt Ion:165 Resp: 19315
Ion Ratio Lower Upper
165 100
63 0.0 41.3 61.9#
89 2.2 61.8 92.8#
182 0.0 2.1 3.1#

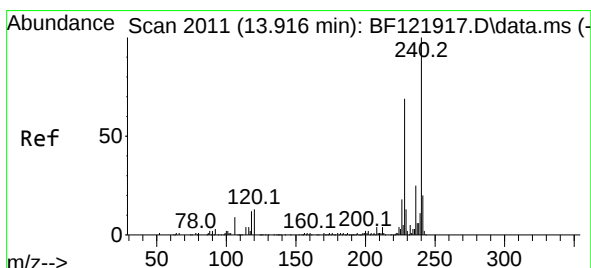
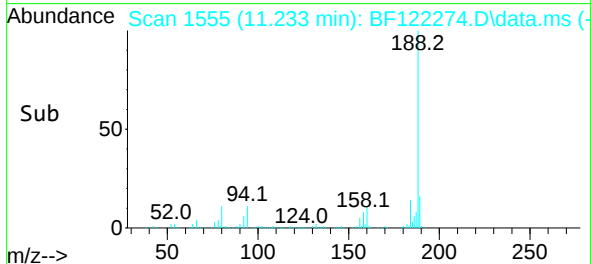
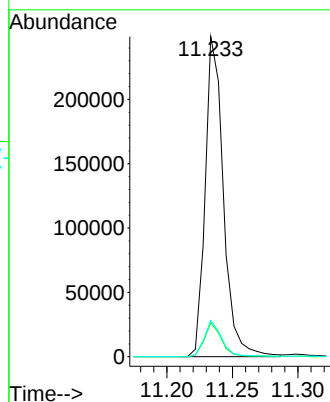
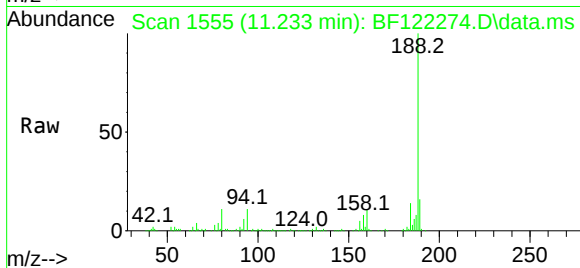




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. 0.000 min
Lab File: BF122274.D
Acq: 4 Nov 2020 20:48

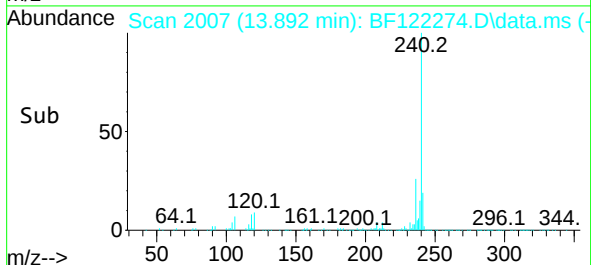
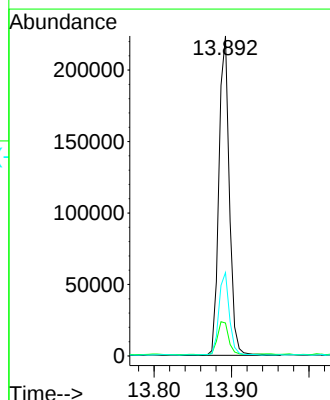
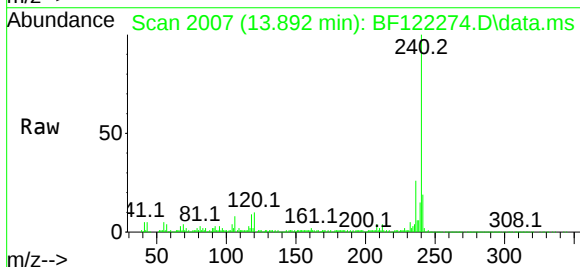
Instrument :
BNA_F
ClientSampleId :
TR-05-110320

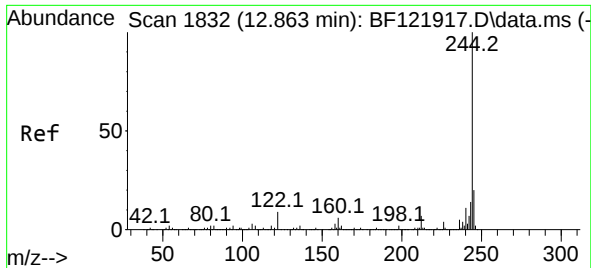
Tgt Ion:188 Resp: 241021
Ion Ratio Lower Upper
188 100
94 10.6 8.3 12.5
80 11.4 9.1 13.7



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.892 min Scan# 2007
Delta R.T. 0.012 min
Lab File: BF122274.D
Acq: 4 Nov 2020 20:48

Tgt Ion:240 Resp: 209224
Ion Ratio Lower Upper
240 100
120 10.3 9.2 13.8
236 26.1 20.9 31.3

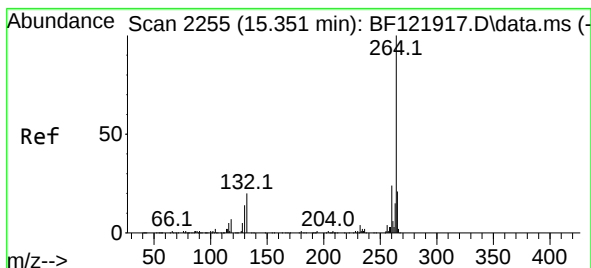
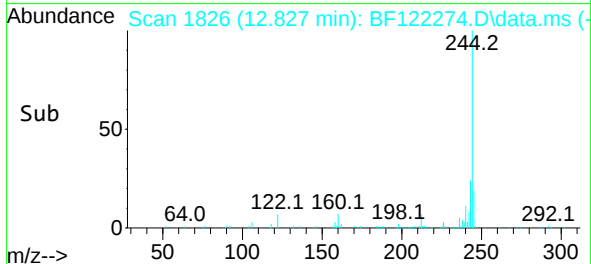
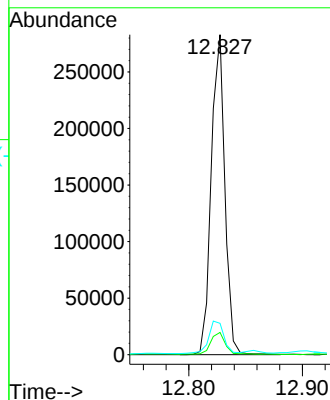
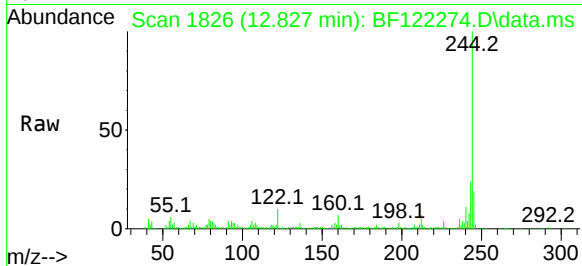




#79
Terphenyl-d14
Concen: 21.38 ng
RT: 12.827 min Scan# 1826
Delta R.T. 0.012 min
Lab File: BF122274.D
Acq: 4 Nov 2020 20:48

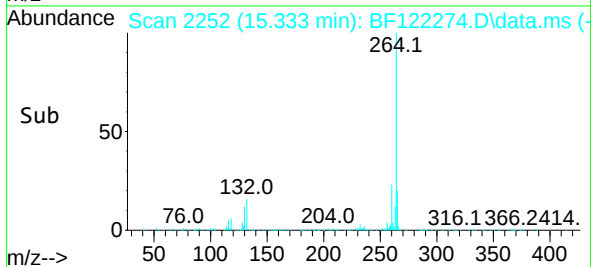
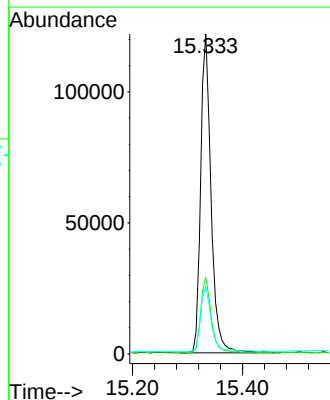
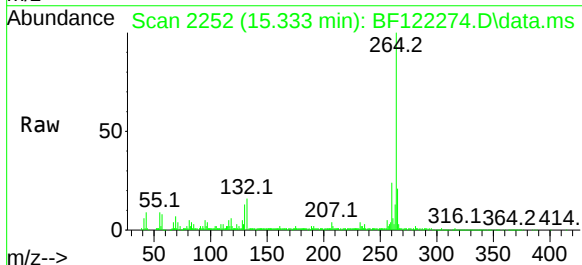
Instrument :
BNA_F
ClientSampleId :
TR-05-110320

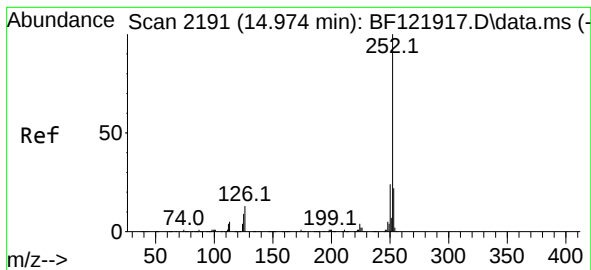
Tgt Ion:244 Resp: 234774
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 9.8 8.1 12.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.333 min Scan# 2252
Delta R.T. 0.029 min
Lab File: BF122274.D
Acq: 4 Nov 2020 20:48

Tgt Ion:264 Resp: 160150
Ion Ratio Lower Upper
264 100
260 23.8 18.7 28.1
265 21.1 17.3 25.9





#89

Benzo(k)fluoranthene

Concen: 2.03 ng

RT: 14.927 min Scan# 2183

Delta R.T. 0.000 min

Lab File: BF122274.D

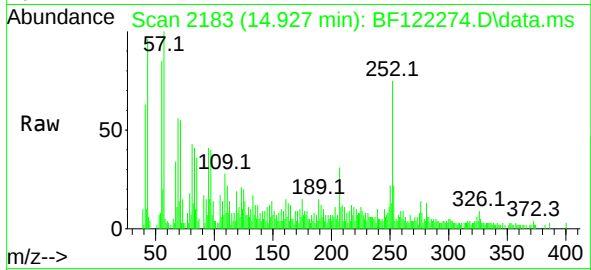
Acq: 4 Nov 2020 20:48

Instrument :

BNA_F

ClientSampleId :

TR-05-110320



Tgt Ion:252 Resp: 20913

Ion Ratio Lower Upper

252 100

253 29.5 17.8 26.6#

125 27.0 7.7 11.5#

