

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071522\
 Data File : BF129247.D
 Acq On : 15 Jul 2022 19:53
 Operator : CG\JU
 Sample : N3697-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PIPELINE-PIGGING-TK2045L

Quant Time: Jul 16 01:42:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 12:55:49 2022
 Response via : Initial Calibration

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

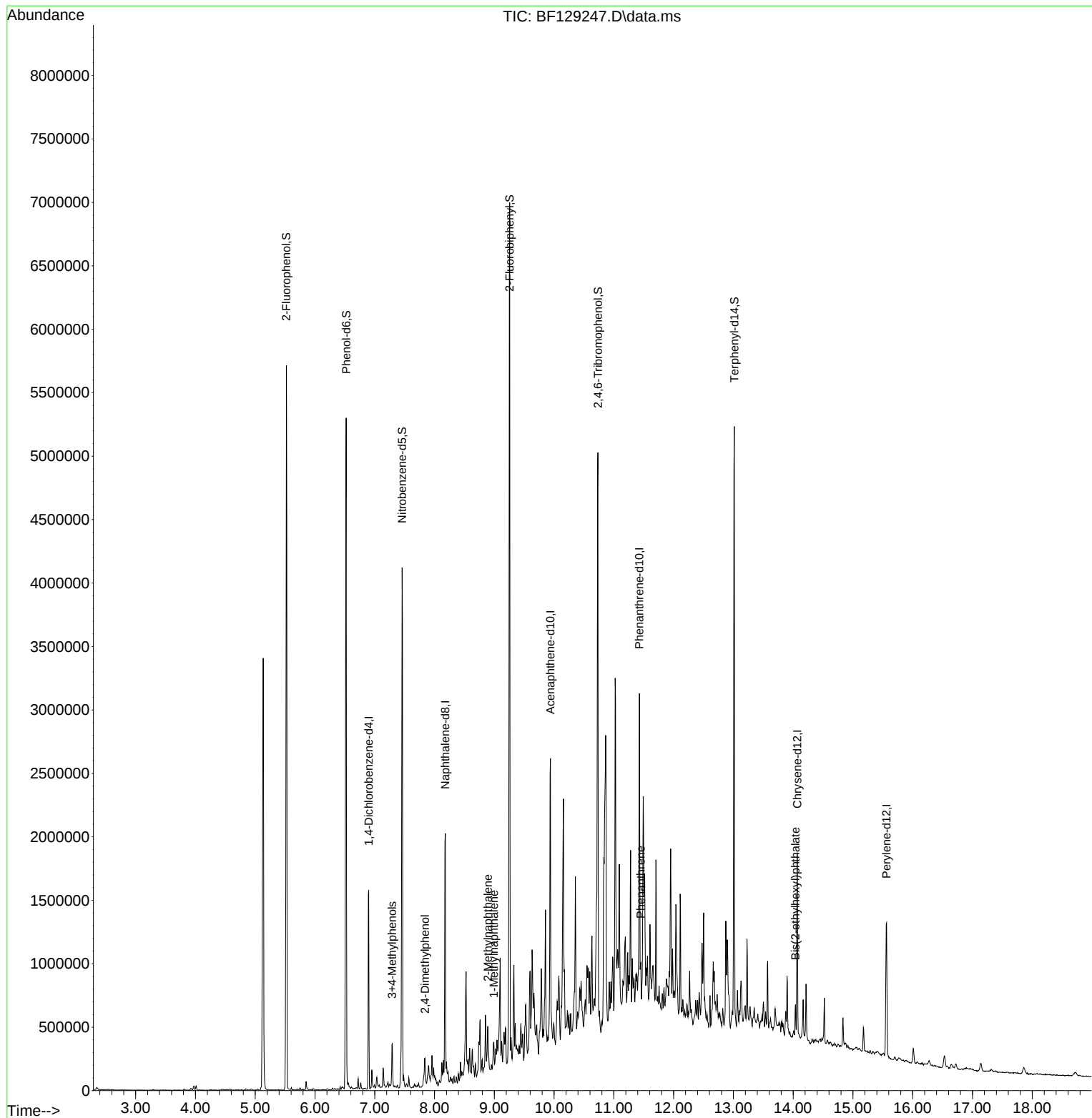
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	232505	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	929447	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	472753	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	766744	20.000	ng	# 0.00
76) Chrysene-d12	14.068	240	456583	20.000	ng	# 0.00
86) Perylene-d12	15.562	264	430281	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1619814	111.264	ng	0.00
7) Phenol-d6	6.522	99	1902463	101.038	ng	0.00
23) Nitrobenzene-d5	7.457	82	1485760	85.449	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	546626	124.574	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2202377	78.926	ng	0.00
79) Terphenyl-d14	13.016	244	1635615	67.014	ng	0.00
Target Compounds						
						Qvalue
20) 3+4-Methylphenols	7.292	107	85578	5.404	ng	# 74
27) 2,4-Dimethylphenol	7.839	122	50407	3.902	ng	# 92
37) 2-Methylnaphthalene	8.892	142	88960	3.099	ng	99
38) 1-Methylnaphthalene	8.992	142	62747	2.261	ng	99
71) Phenanthrene	11.451	178	81412	2.091	ng	# 92
84) Bis(2-ethylhexyl)phtha...	14.039	149	62640	2.858	ng	94

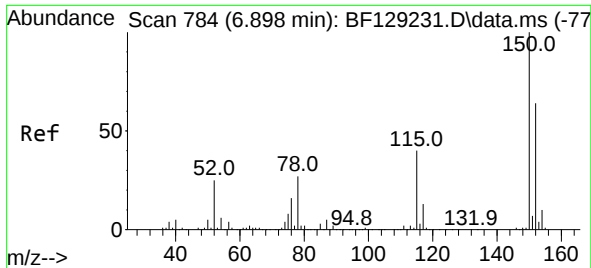
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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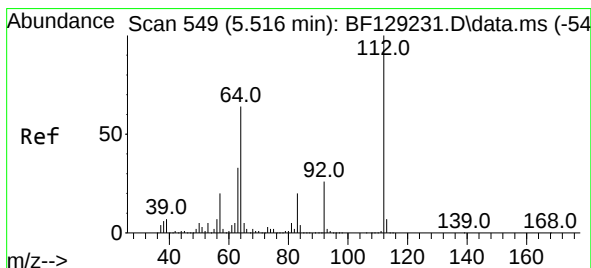
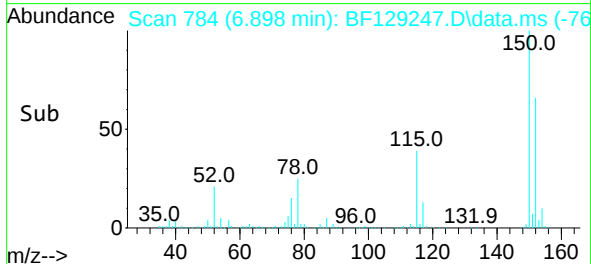
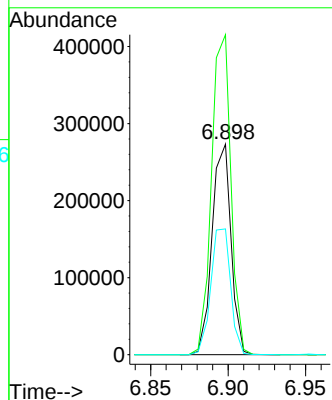
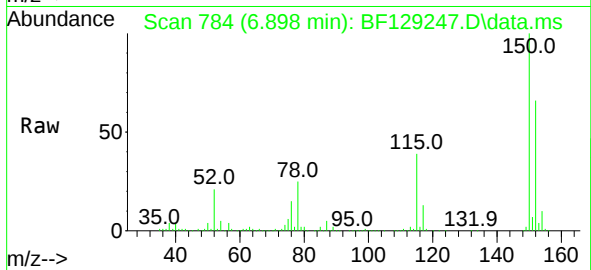




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF129247.D
Acq: 15 Jul 2022 19:53

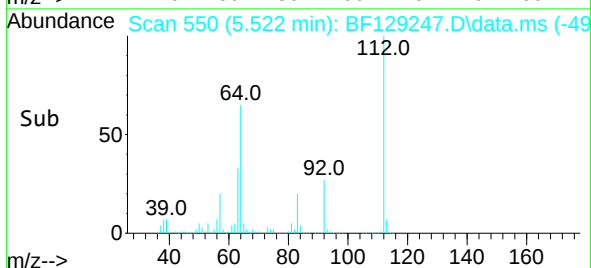
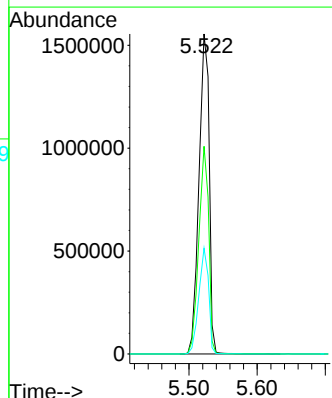
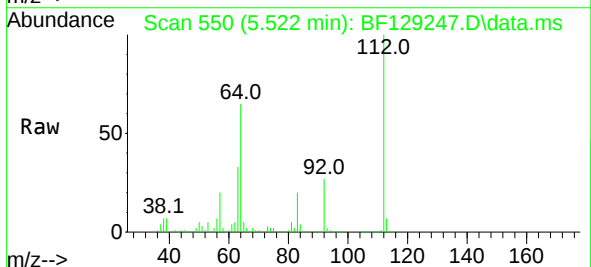
Instrument :
BNA_F
ClientSampleId :
PIPELINE-PIGGING-TK2045L

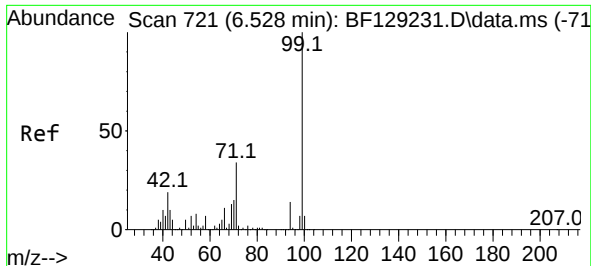
Tgt Ion:152 Resp: 232505
Ion Ratio Lower Upper
152 100
150 152.0 123.7 185.5
115 59.7 49.9 74.9



#5
2-Fluorophenol
Concen: 111.264 ng
RT: 5.522 min Scan# 550
Delta R.T. 0.006 min
Lab File: BF129247.D
Acq: 15 Jul 2022 19:53

Tgt Ion:112 Resp: 1619814
Ion Ratio Lower Upper
112 100
64 64.9 53.3 79.9
63 33.1 28.0 42.0

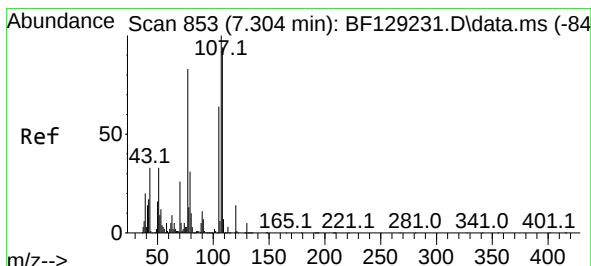
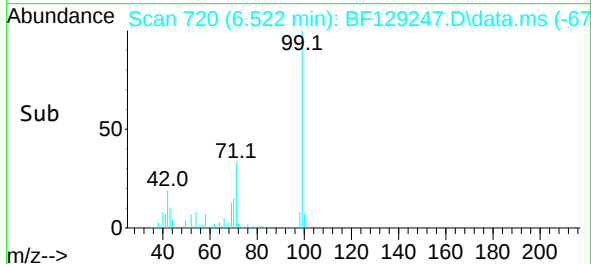
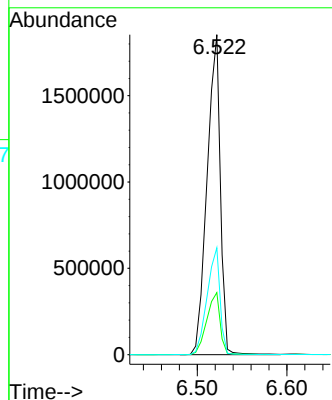
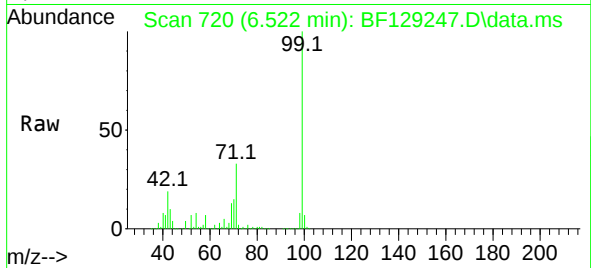




#7
Phenol-d6
Concen: 101.038 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129247.D
Acq: 15 Jul 2022 19:53

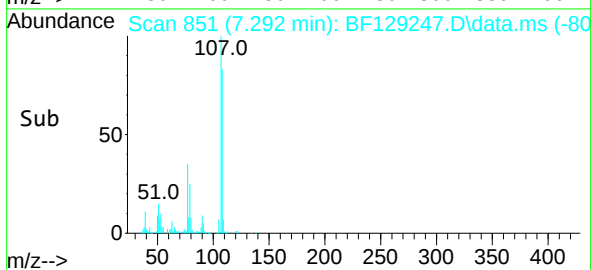
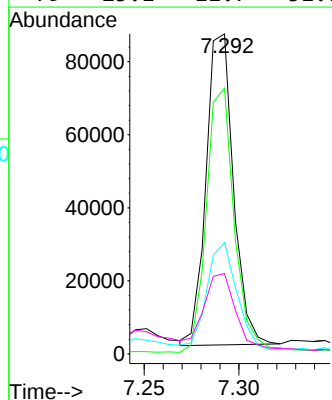
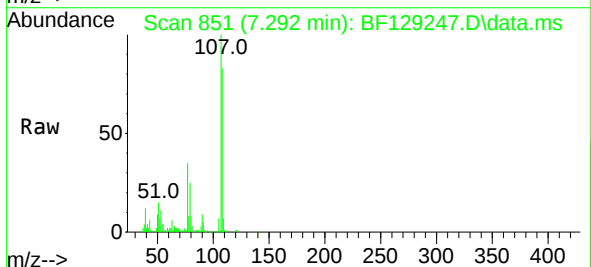
Instrument :
BNA_F
ClientSampleId :
PIPELINE-PIGGING-TK2045L

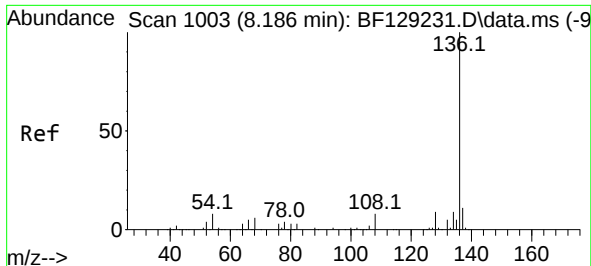
Tgt Ion: 99 Resp: 1902463
Ion Ratio Lower Upper
99 100
42 19.4 17.3 25.9
71 33.4 28.9 43.3



#20
3+4-Methylphenols
Concen: 5.404 ng
RT: 7.292 min Scan# 851
Delta R.T. -0.012 min
Lab File: BF129247.D
Acq: 15 Jul 2022 19:53

Tgt Ion:107 Resp: 85578
Ion Ratio Lower Upper
107 100
108 83.1 71.8 111.8
77 34.8 59.3 99.3#
79 25.1 11.7 51.7

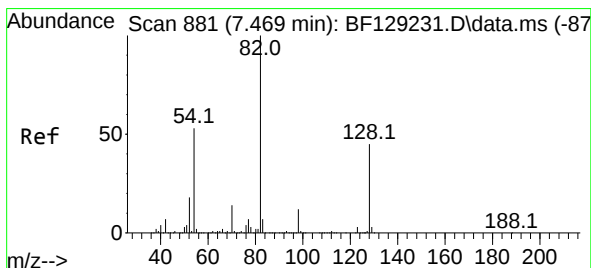
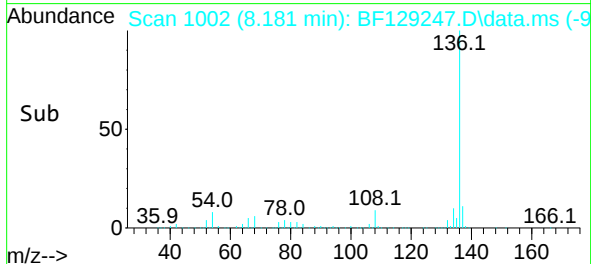
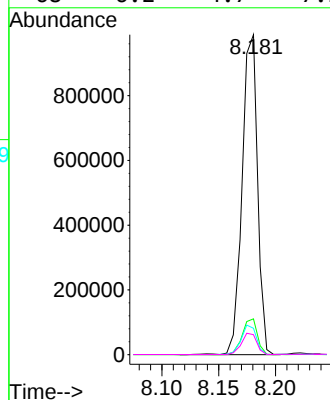
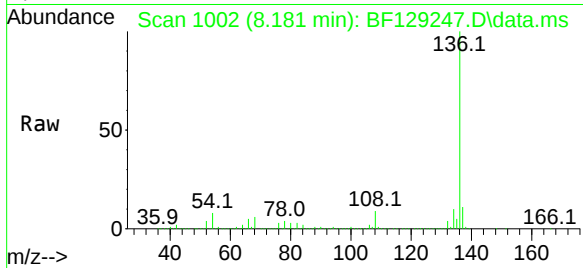




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BF129247.D
Acq: 15 Jul 2022 19:53

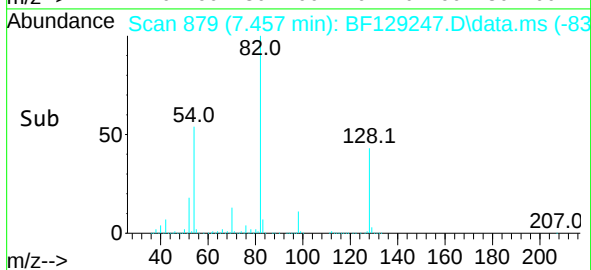
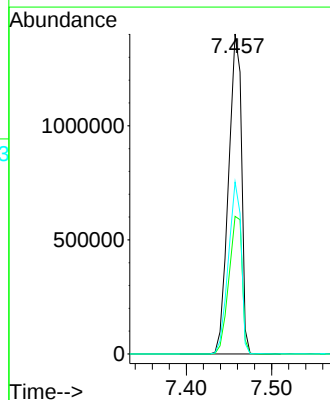
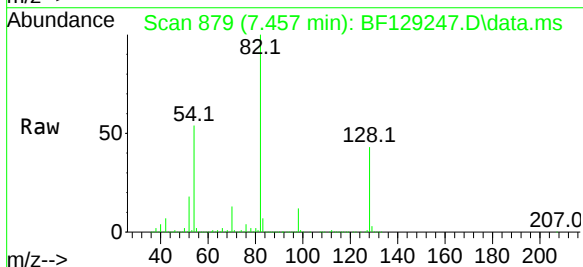
Instrument :
BNA_F
ClientSampleId :
PIPELINE-PIGGING-TK2045L

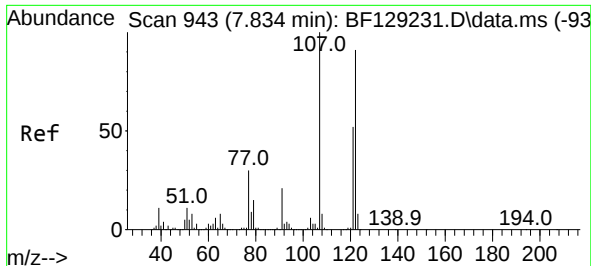
Tgt Ion:136 Resp: 929447
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.2 7.5 11.3
68 6.2 4.7 7.1



#23
Nitrobenzene-d5
Concen: 85.449 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.012 min
Lab File: BF129247.D
Acq: 15 Jul 2022 19:53

Tgt Ion: 82 Resp: 1485760
Ion Ratio Lower Upper
82 100
128 43.0 34.0 51.0
54 53.7 46.9 70.3

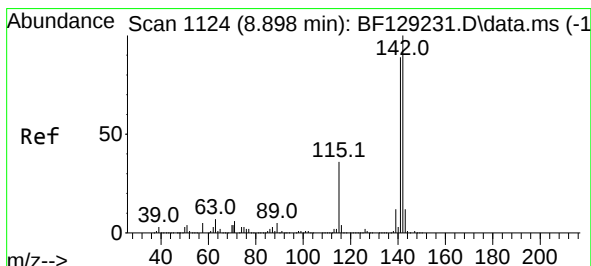
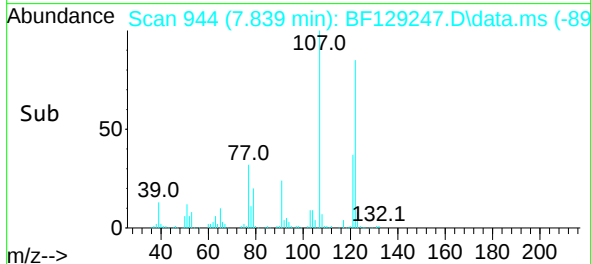
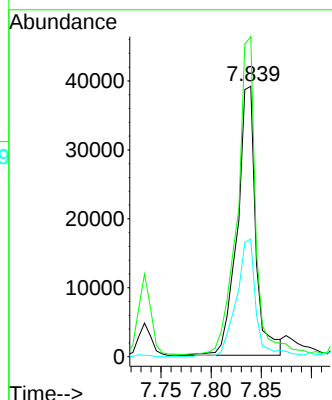
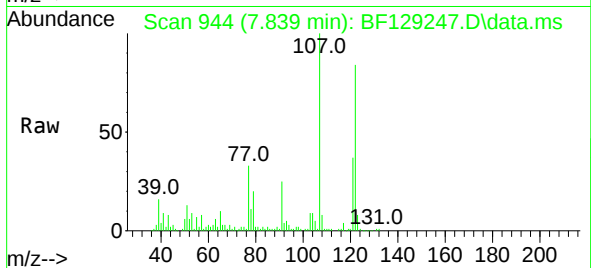




#27
2,4-Dimethylphenol
Concen: 3.902 ng
RT: 7.839 min Scan# 94
Delta R.T. 0.006 min
Lab File: BF129247.D
Acq: 15 Jul 2022 19:53

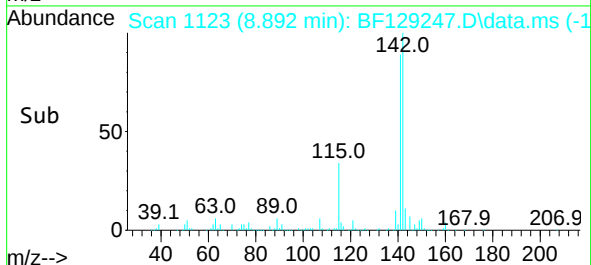
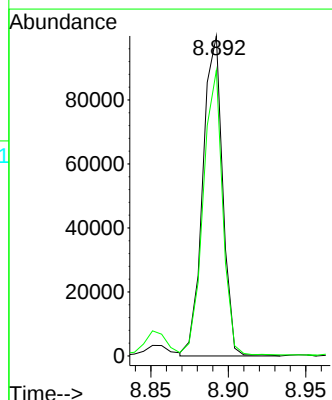
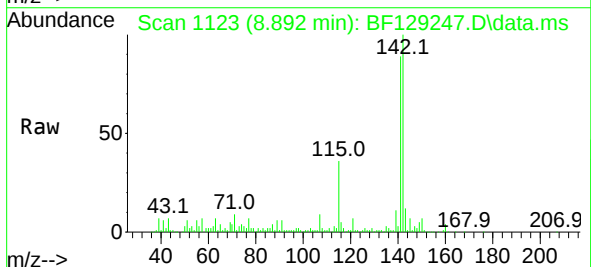
Instrument :
BNA_F
ClientSampleId :
PIPELINE-PIGGING-TK2045L

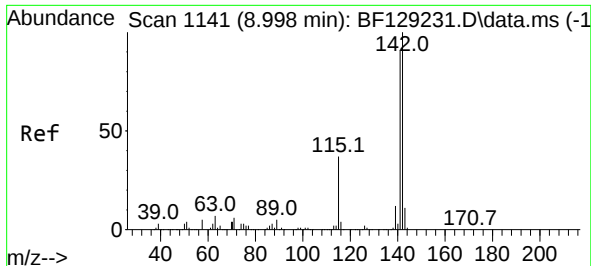
Tgt Ion:122 Resp: 50407
Ion Ratio Lower Upper
122 100
107 118.4 93.0 139.6
121 43.5 46.6 70.0#



#37
2-Methylnaphthalene
Concen: 3.099 ng
RT: 8.892 min Scan# 1123
Delta R.T. -0.006 min
Lab File: BF129247.D
Acq: 15 Jul 2022 19:53

Tgt Ion:142 Resp: 88960
Ion Ratio Lower Upper
142 100
141 89.2 71.0 106.4

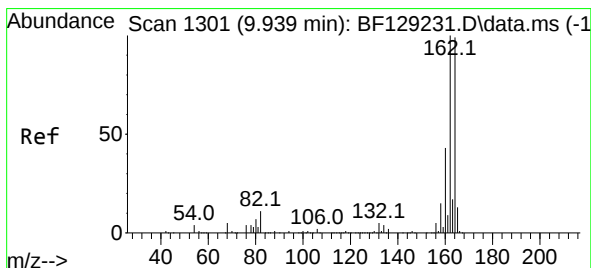
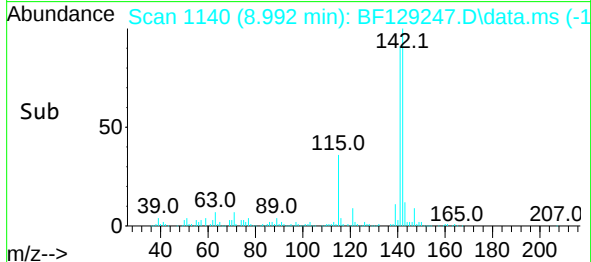
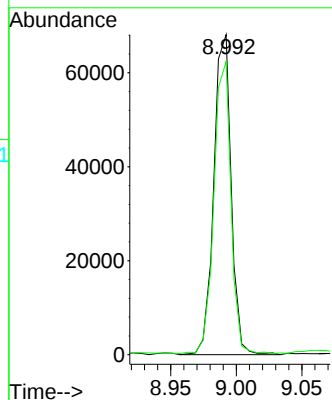
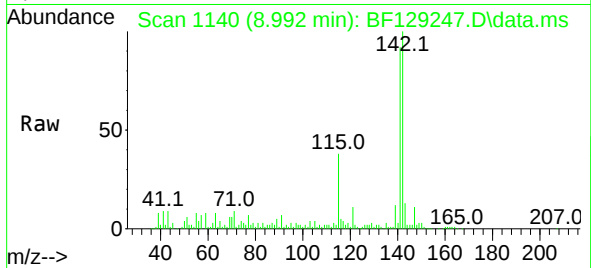




#38
1-Methylnaphthalene
Concen: 2.261 ng
RT: 8.992 min Scan# 1141
Delta R.T. -0.006 min
Lab File: BF129247.D
Acq: 15 Jul 2022 19:53

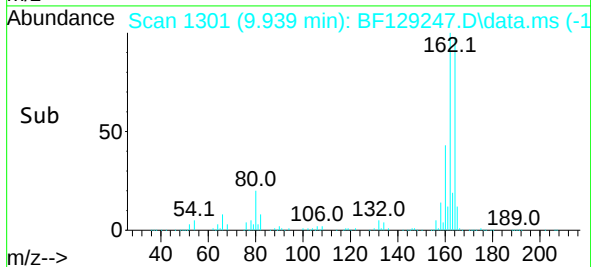
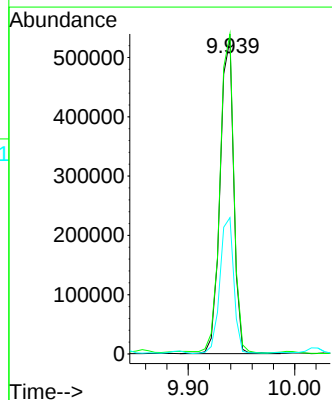
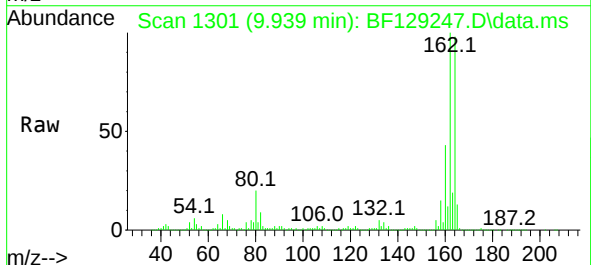
Instrument :
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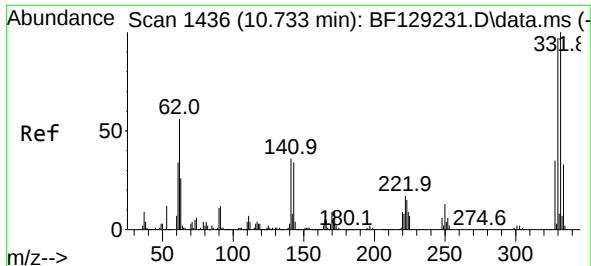
Tgt Ion:142 Resp: 62747
Ion Ratio Lower Upper
142 100
141 91.7 74.2 111.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1301
Delta R.T. -0.000 min
Lab File: BF129247.D
Acq: 15 Jul 2022 19:53

Tgt Ion:164 Resp: 472753
Ion Ratio Lower Upper
164 100
162 101.6 79.5 119.3
160 43.3 34.2 51.4

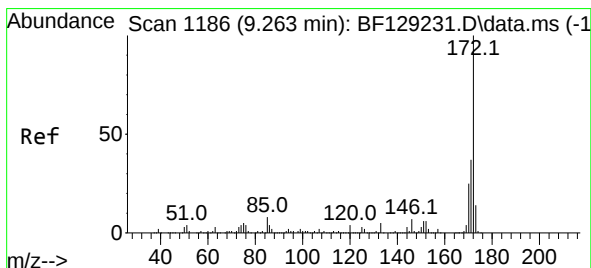
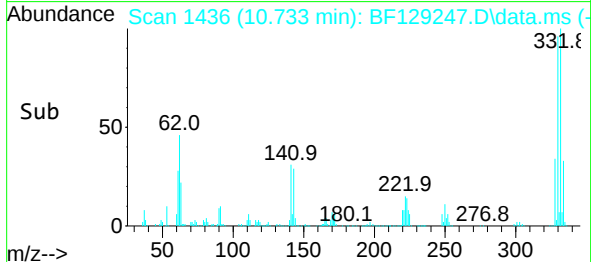
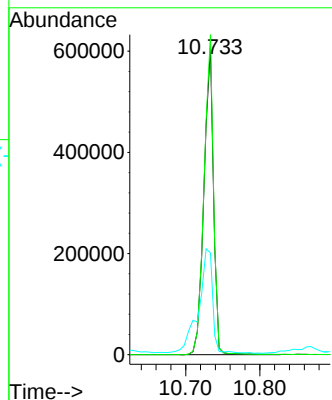
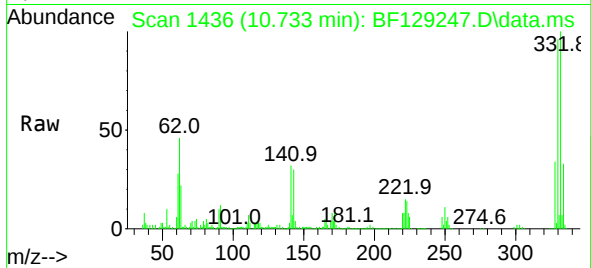




#42
2,4,6-Tribromophenol
Concen: 124.574 ng
RT: 10.733 min Scan# 1436
Delta R.T. -0.000 min
Lab File: BF129247.D
Acq: 15 Jul 2022 19:53

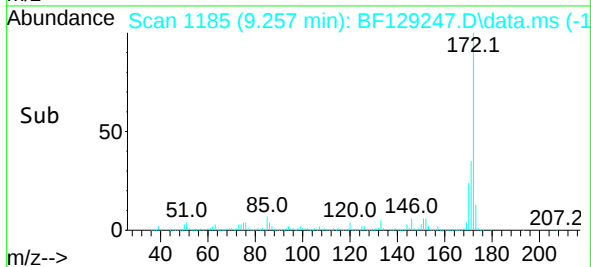
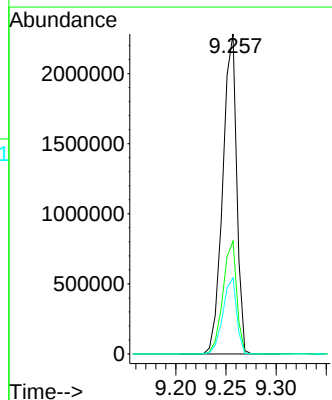
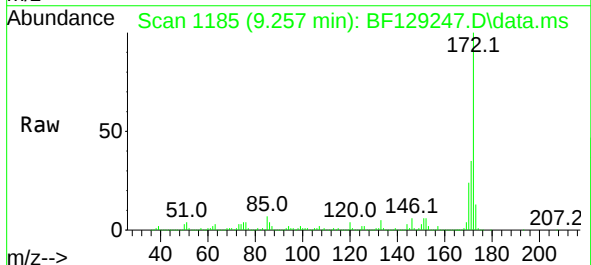
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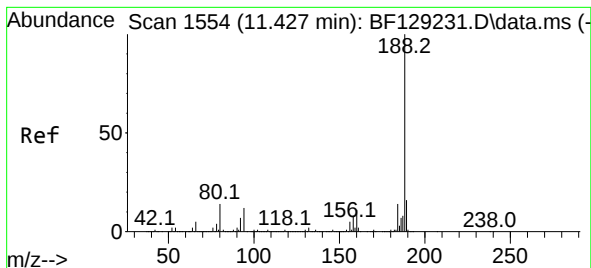
Tgt Ion:330 Resp: 546626
Ion Ratio Lower Upper
330 100
332 102.7 76.8 115.2
141 50.4 28.0 42.0#



#45
2-Fluorobiphenyl
Concen: 78.926 ng
RT: 9.257 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF129247.D
Acq: 15 Jul 2022 19:53

Tgt Ion:172 Resp: 2202377
Ion Ratio Lower Upper
172 100
171 35.3 28.8 43.2
170 23.8 19.8 29.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF129247.D

Acq: 15 Jul 2022 19:53

Instrument :

BNA_F

ClientSampleId :

PIPELINE-PIGGING-TK2045L

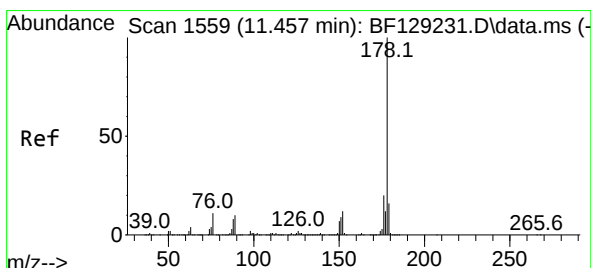
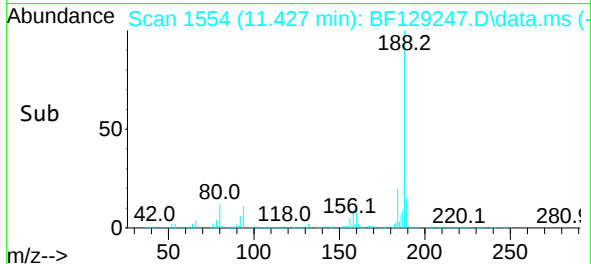
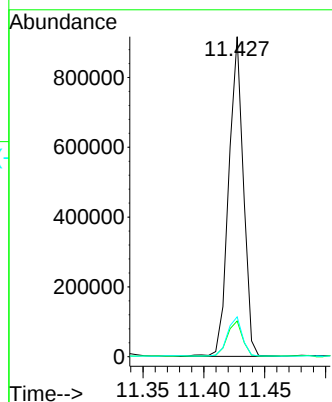
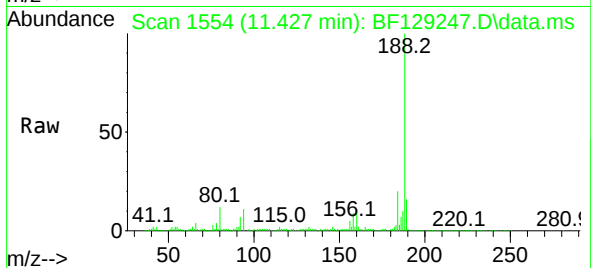
Tgt Ion:188 Resp: 766744

Ion Ratio Lower Upper

188 100

94 11.2 7.0 10.6#

80 12.5 7.6 11.4#



#71

Phenanthrene

Concen: 2.091 ng

RT: 11.451 min Scan# 1558

Delta R.T. -0.006 min

Lab File: BF129247.D

Acq: 15 Jul 2022 19:53

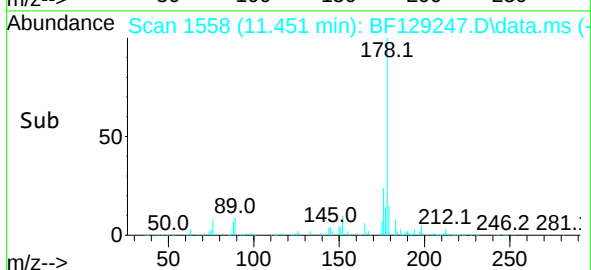
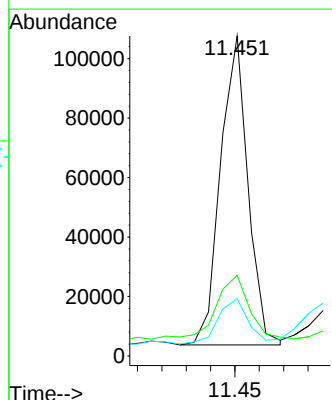
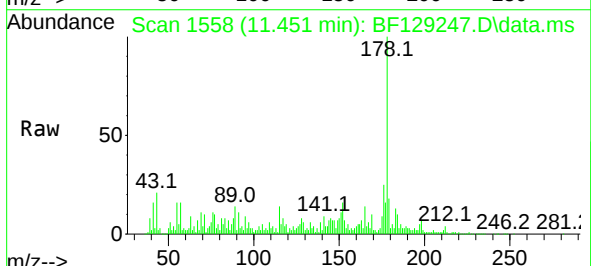
Tgt Ion:178 Resp: 81412

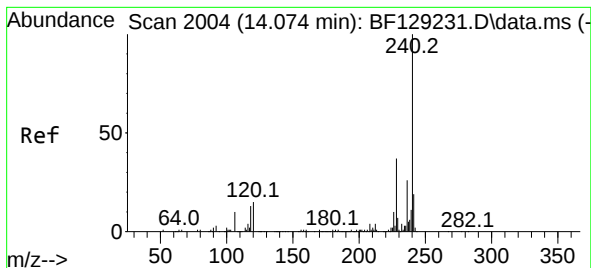
Ion Ratio Lower Upper

178 100

176 25.2 16.0 24.0#

179 17.9 12.6 19.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.068 min Scan# 2004

Delta R.T. -0.006 min

Lab File: BF129247.D

Acq: 15 Jul 2022 19:53

Instrument :

BNA_F

ClientSampleId :

PIPELINE-PIGGING-TK2045L

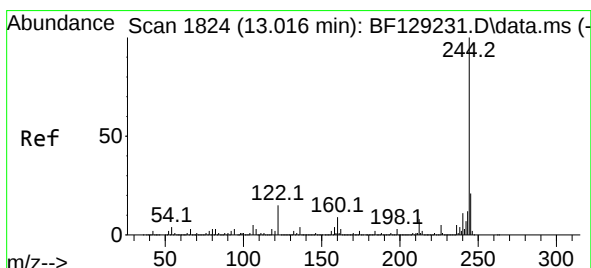
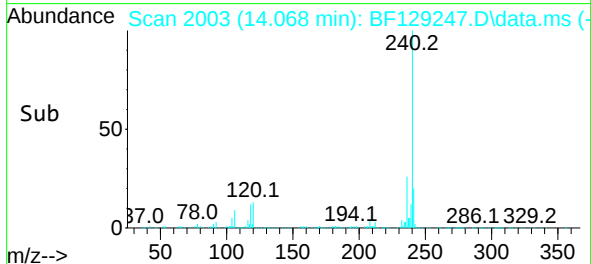
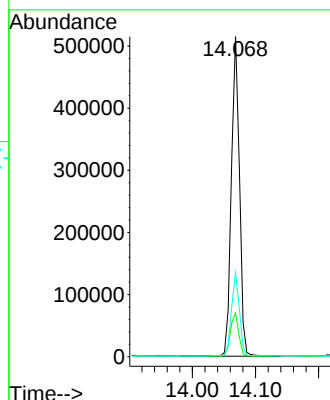
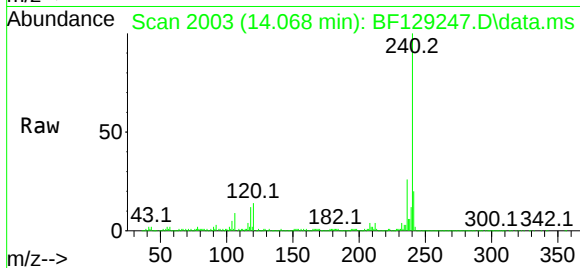
Tgt Ion:240 Resp: 456583

Ion Ratio Lower Upper

240 100

120 13.6 8.9 13.3#

236 26.3 20.8 31.2



#79

Terphenyl-d14

Concen: 67.014 ng

RT: 13.016 min Scan# 1824

Delta R.T. -0.000 min

Lab File: BF129247.D

Acq: 15 Jul 2022 19:53

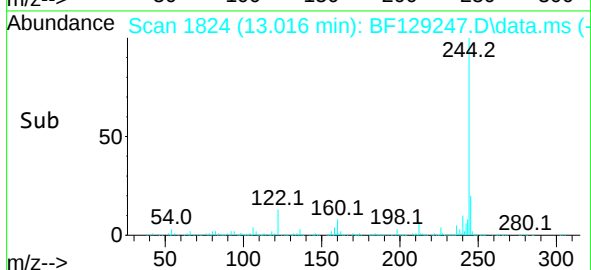
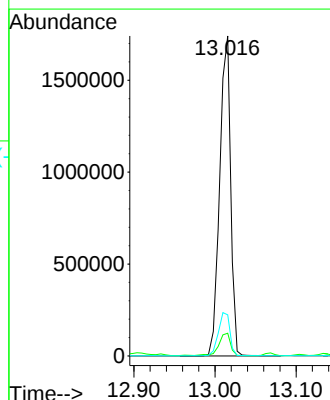
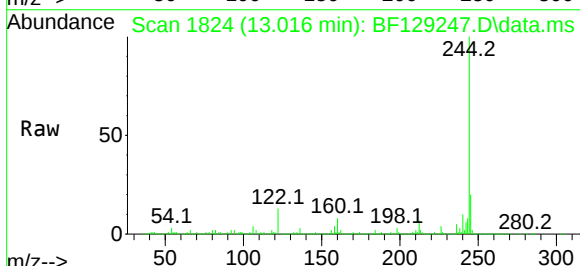
Tgt Ion:244 Resp: 1635615

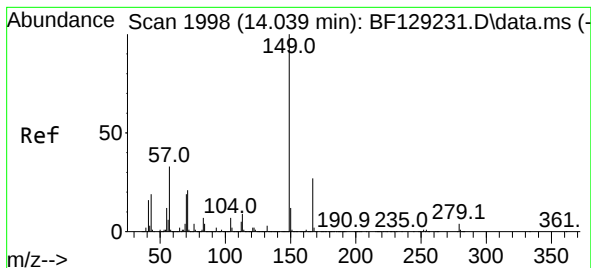
Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

122 12.8 8.8 13.2

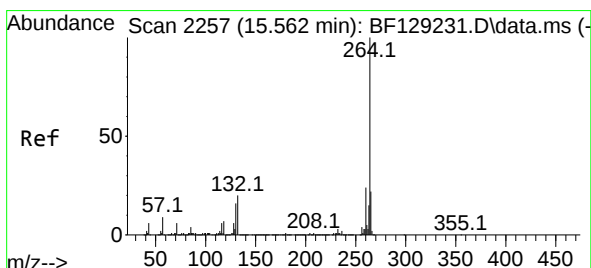
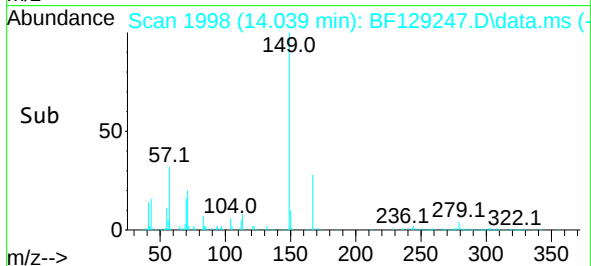
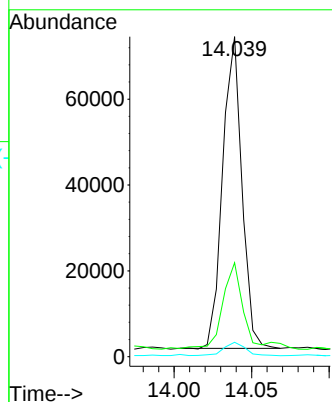
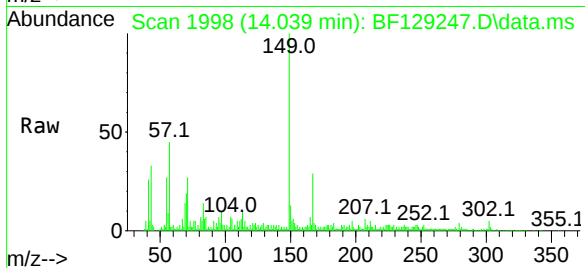




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.858 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.000 min
Lab File: BF129247.D
Acq: 15 Jul 2022 19:53

Instrument : BNA_F
ClientSampleId : PIPELINE-PIGGING-TK2045L

Tgt Ion:149 Resp: 62640
Ion Ratio Lower Upper
149 100
167 29.4 21.0 31.4
279 4.5 3.1 4.7



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2257
Delta R.T. -0.000 min
Lab File: BF129247.D
Acq: 15 Jul 2022 19:53

Tgt Ion:264 Resp: 430281
Ion Ratio Lower Upper
264 100
260 24.1 18.4 27.6
265 21.3 17.2 25.8

