

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)

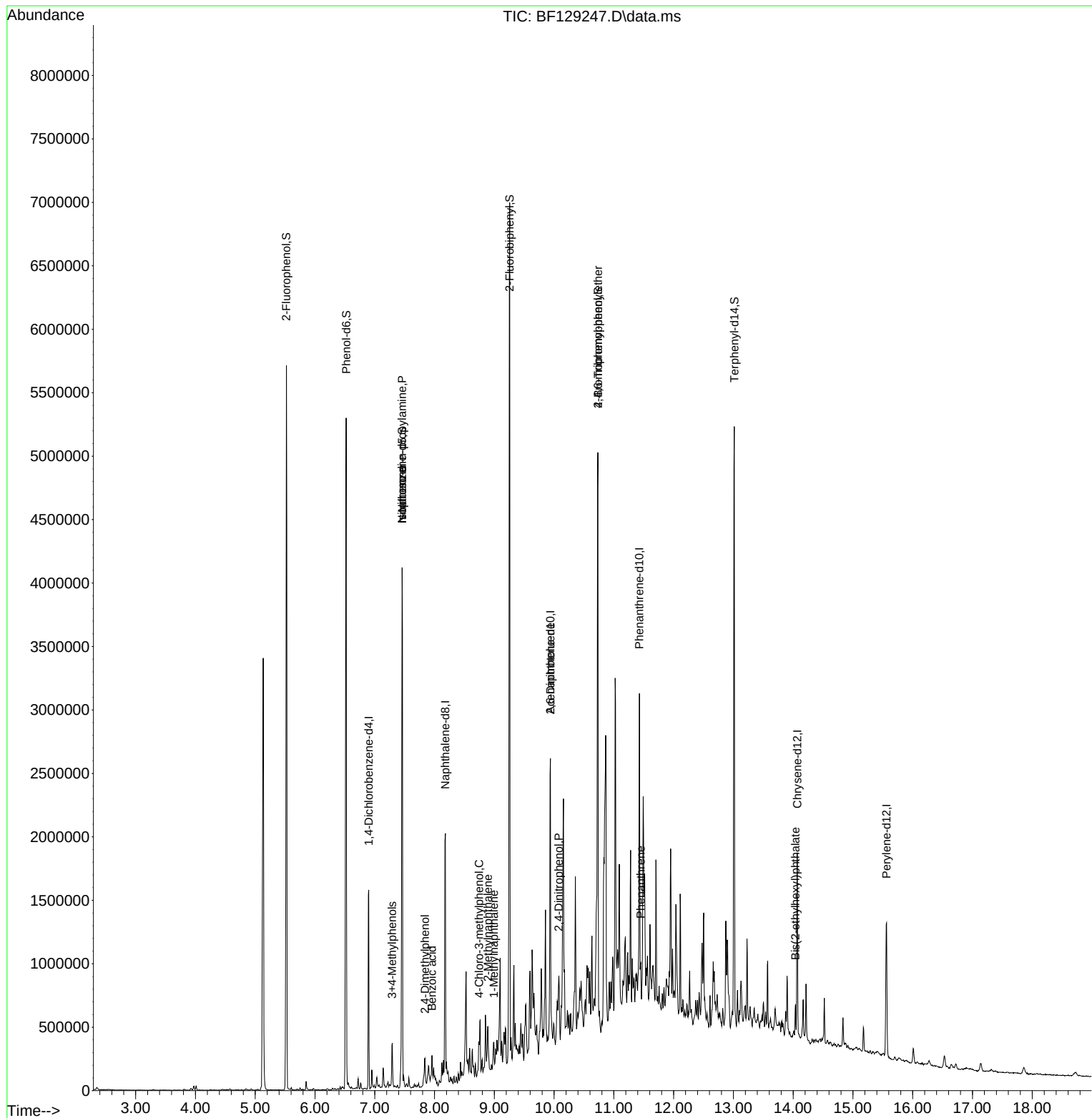
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	232505	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	929447	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	472753	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	766744	20.000	ng	# 0.00
76) Chrysene-d12	14.068	240	456583	20.000	ng	# 0.00
86) Perylene-d12	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
19) n-Nitroso-di-n-propyla...	7.457	70	199912	18.051	ng	# 78
20) 3+4-Methylphenols	7.292	107	85578	5.404	ng	# 74
25) Isophorone	7.457	82	1483902	50.779	ng	# 65
27) 2,4-Dimethylphenol	7.839	122	50407	3.902	ng	# 92
32) Benzoic acid	7.957	122	48682	4.852	ng	# 15
36) 4-Chloro-3-methylphenol	8.745	107	40981	2.925	ng	# 25
37) 2-Methylnaphthalene	8.892	142	88960	3.099	ng	99
38) 1-Methylnaphthalene	8.992	142	62747	2.261	ng	99
51) 2,6-Dinitrotoluene	9.939	165	63971	9.636	ng	# 30
54) 2,4-Dinitrophenol	10.080	184	18126	5.095	ng	# 54
67) 4-Bromophenyl-phenylether	10.733	248	33932	4.204	ng	# 1
71) Phenanthrene	11.451	178	81412	2.091	ng	# 92
84) Bis(2-ethylhexyl)phtha...	14.039	149	62640	2.858	ng	94

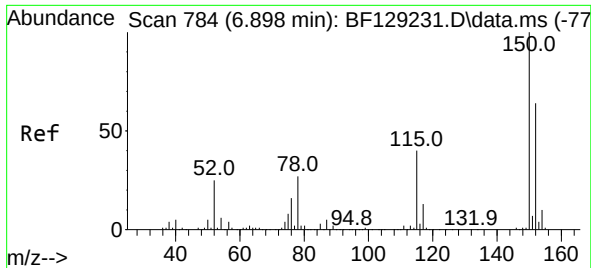
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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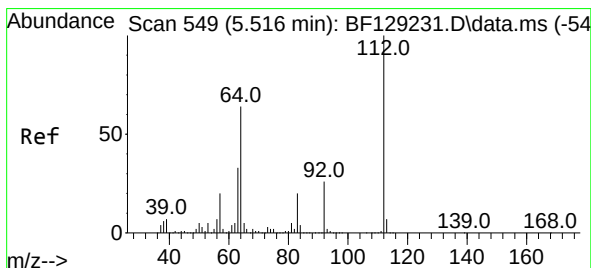
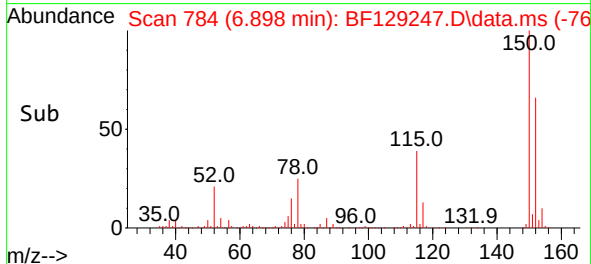
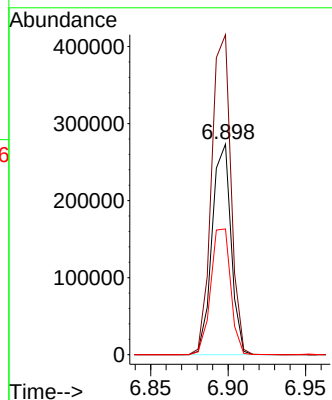
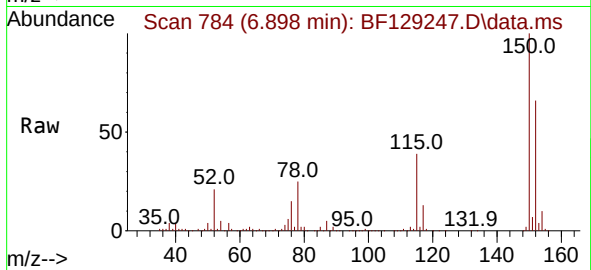




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF129247.D
 Acq: 15 Jul 2022 19:53

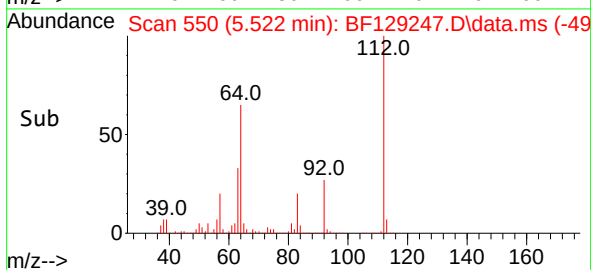
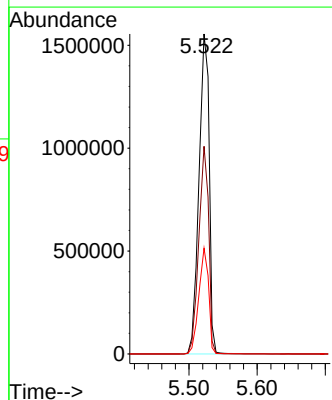
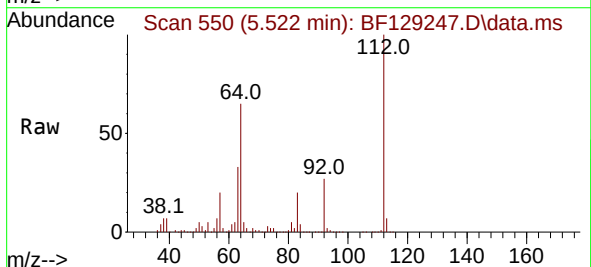
Instrument :
 BNA_F
 ClientSampleId :
 PIPELINE-PIGGING-TK2045L

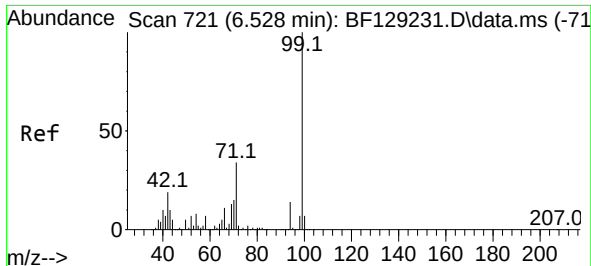
Tgt Ion:152 Resp: 232505
 Ion Ratio Lower Upper
 152 100
 150 152.0 123.7 185.5
 115 59.7 49.9 74.9



#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

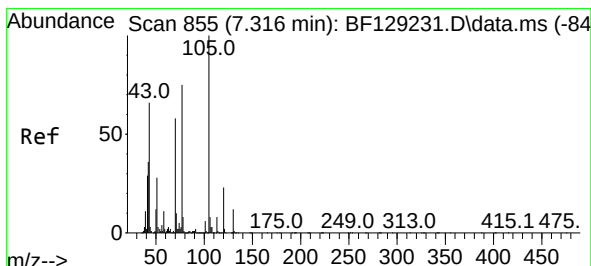
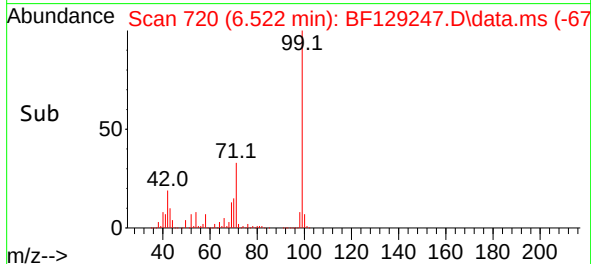
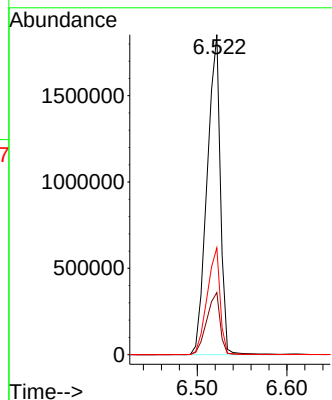
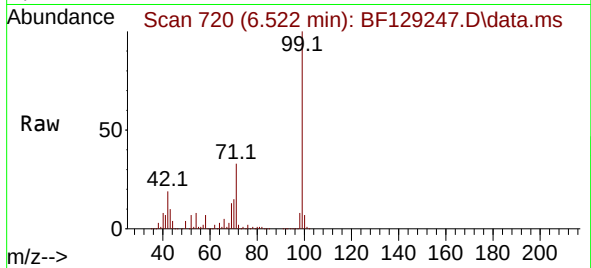




#7
Phenol-d6
Concen: 101.038 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129247.D
Acq: 15 Jul 2022 19:53

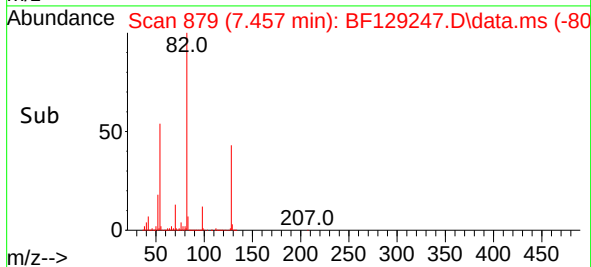
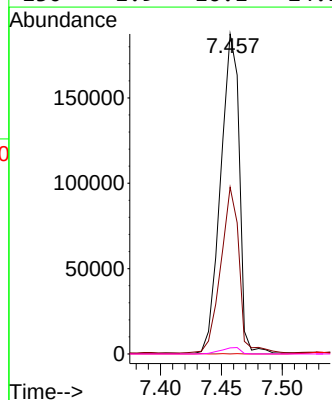
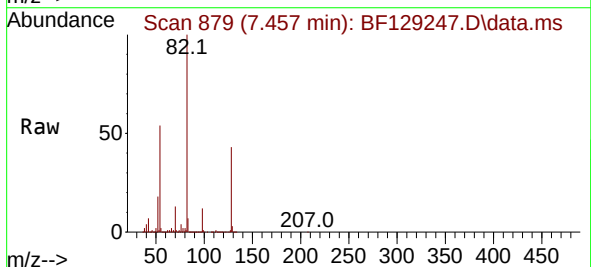
Instrument :
BNA_F
ClientSampleId :
PIPELINE-PIGGING-TK2045L

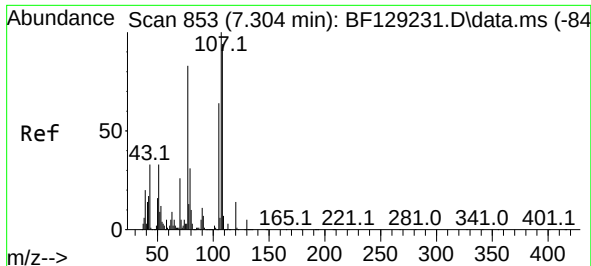
Tgt Ion: 99 Resp: 1902463
Ion Ratio Lower Upper
99 100
42 19.4 17.3 25.9
71 33.4 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.051 ng
RT: 7.457 min Scan# 879
Delta R.T. 0.141 min
Lab File: BF129247.D
Acq: 15 Jul 2022 19:53

Tgt Ion: 70 Resp: 199912
Ion Ratio Lower Upper
70 100
42 52.1 52.3 78.5#
101 0.0 7.5 11.3#
130 1.9 16.1 24.1#

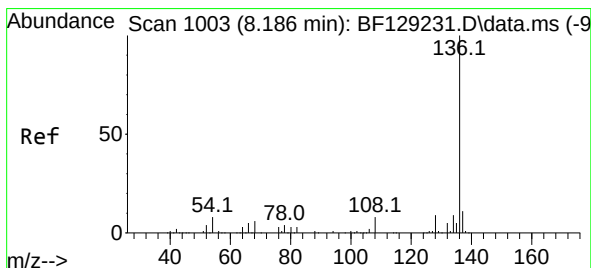
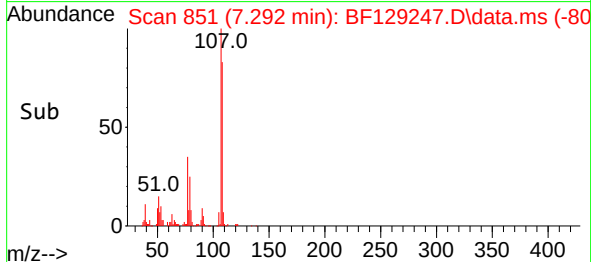
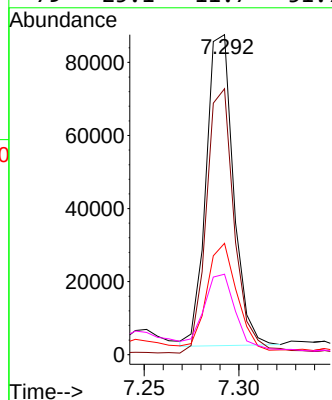
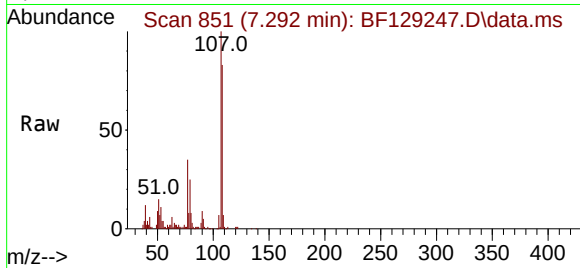




#20
3+4-Methylphenols
Concen: 5.404 ng
RT: 7.292 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF129247.D
Acq: 15 Jul 2022 19:53

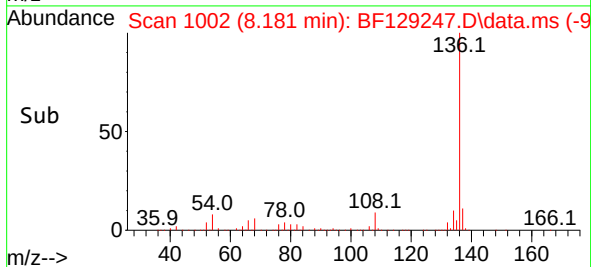
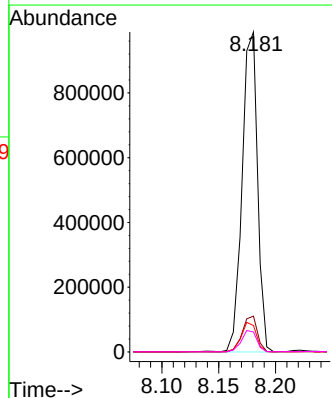
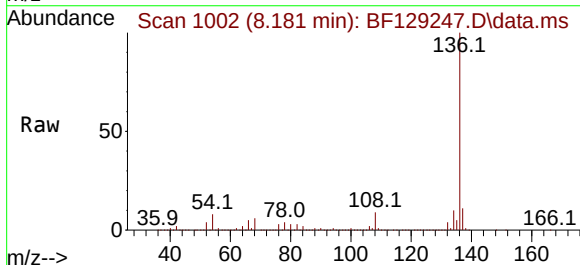
Instrument :
BNA_F
ClientSampleId :
PIPELINE-PIGGING-TK2045L

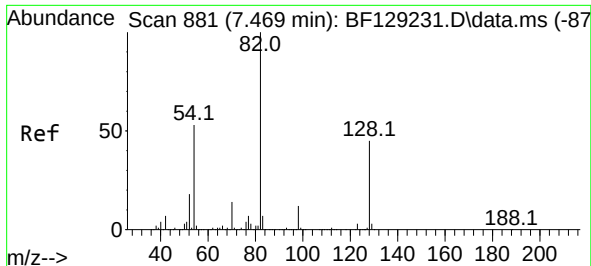
Tgt Ion:107	Resp:	85578
Ion	Ratio	Lower Upper
107	100	
108	83.1	71.8 111.8
77	34.8	59.3 99.3#
79	25.1	11.7 51.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BF129247.D
Acq: 15 Jul 2022 19:53

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

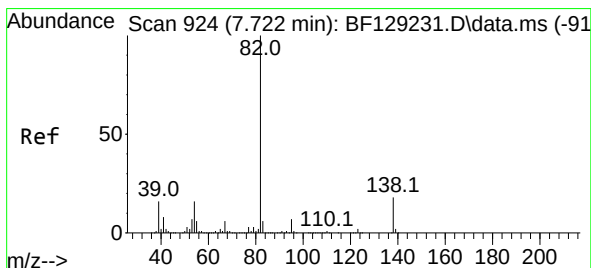
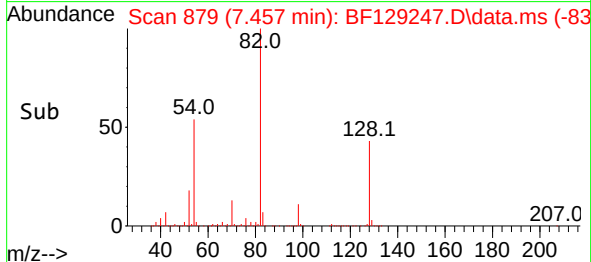
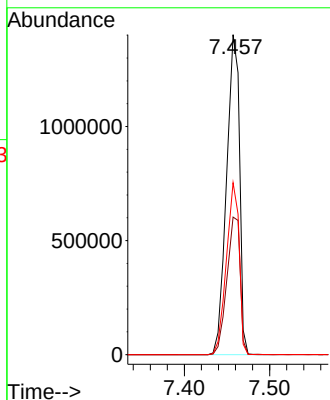
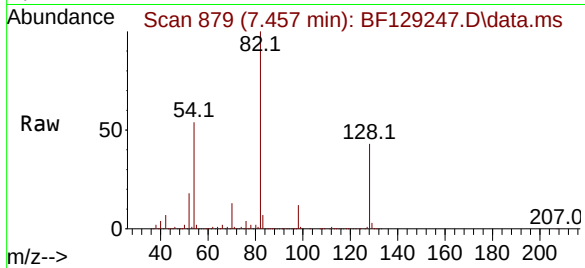




#23
Nitrobenzene-d5
Concen: 85.449 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF129247.D
Acq: 15 Jul 2022 19:53

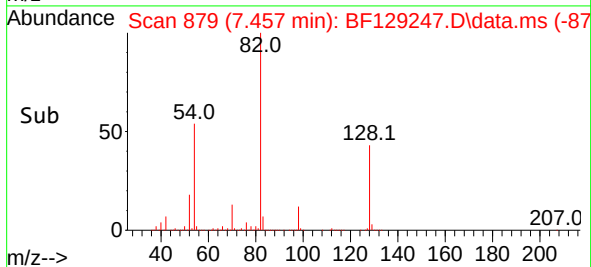
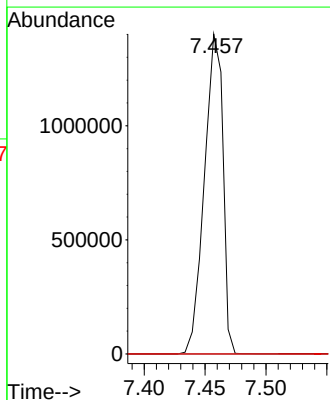
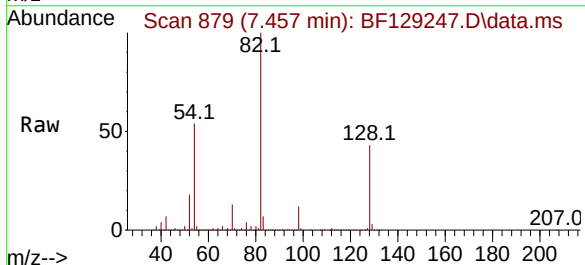
Instrument :
BNA_F
ClientSampleId :
PIPELINE-PIGGING-TK2045L

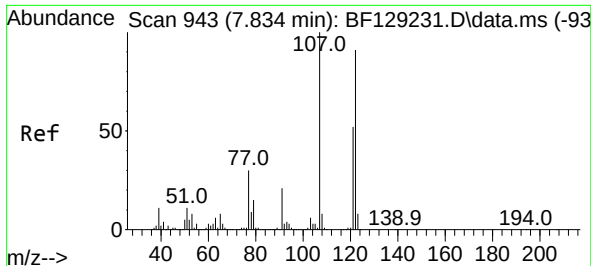
Tgt Ion: 82 Resp: 1485760
Ion Ratio Lower Upper
82 100
128 43.0 34.0 51.0
54 53.7 46.9 70.3



#25
Isophorone
Concen: 50.779 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.265 min
Lab File: BF129247.D
Acq: 15 Jul 2022 19:53

Tgt Ion: 82 Resp: 1483902
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#

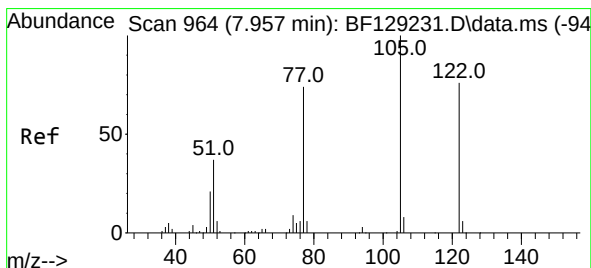
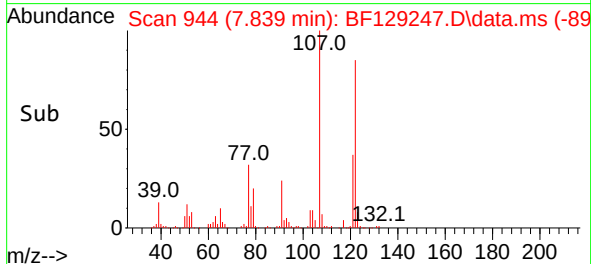
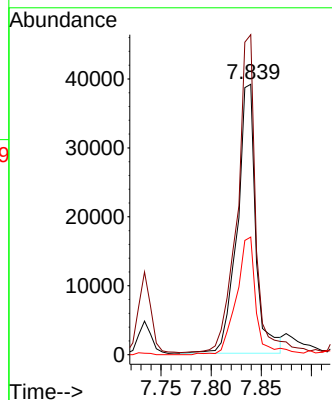
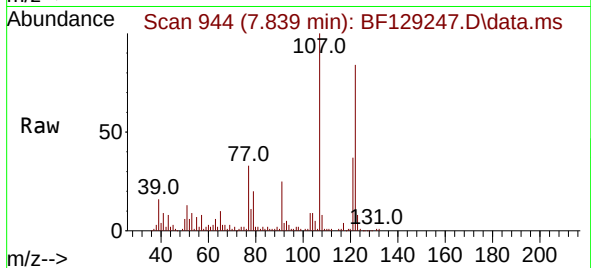




#27
2,4-Dimethylphenol
Concen: 3.902 ng
RT: 7.839 min Scan# 943
Delta R.T. 0.006 min
Lab File: BF129247.D
Acq: 15 Jul 2022 19:53

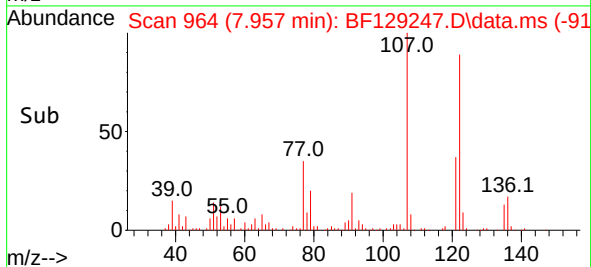
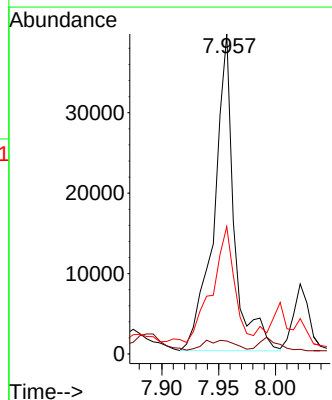
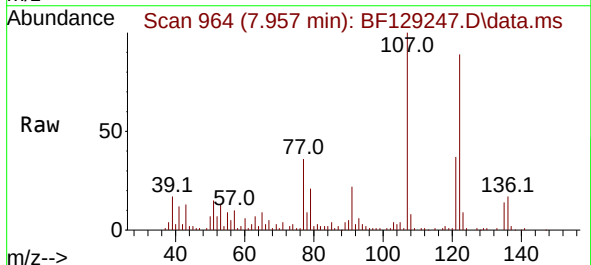
Instrument :
BNA_F
ClientSampleId :
PIPELINE-PIGGING-TK2045L

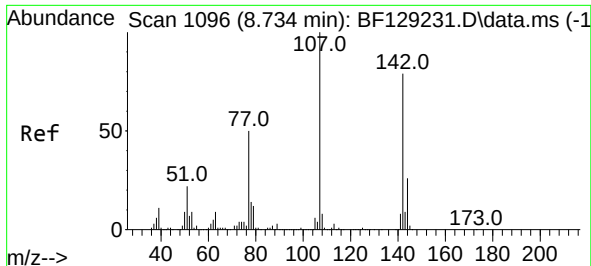
Tgt Ion:122 Resp: 50407
Ion Ratio Lower Upper
122 100
107 118.4 93.0 139.6
121 43.5 46.6 70.0#



#32
Benzoic acid
Concen: 4.852 ng
RT: 7.957 min Scan# 964
Delta R.T. -0.000 min
Lab File: BF129247.D
Acq: 15 Jul 2022 19:53

Tgt Ion:122 Resp: 48682
Ion Ratio Lower Upper
122 100
105 4.1 107.1 147.1#
77 39.8 74.2 114.2#





#36

4-Chloro-3-methylphenol

Concen: 2.925 ng

RT: 8.745 min Scan# 1098

Delta R.T. 0.012 min

Lab File: BF129247.D

Acq: 15 Jul 2022 19:53

Instrument :

BNA_F

ClientSampleId :

PIPELINE-PIGGING-TK2045L

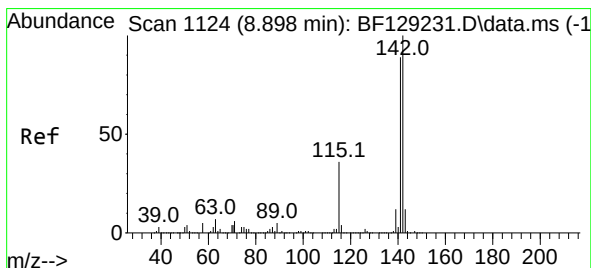
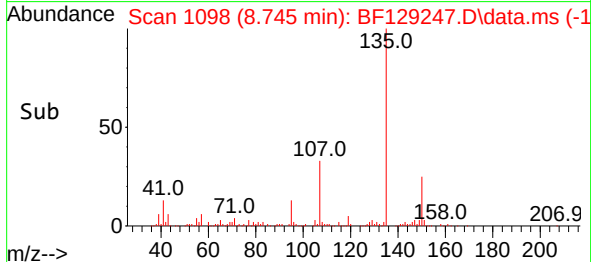
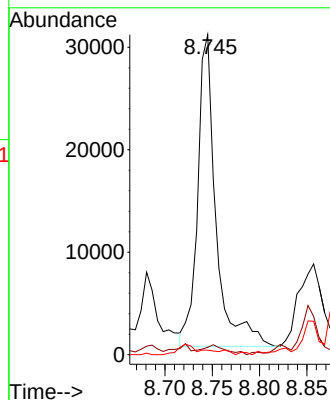
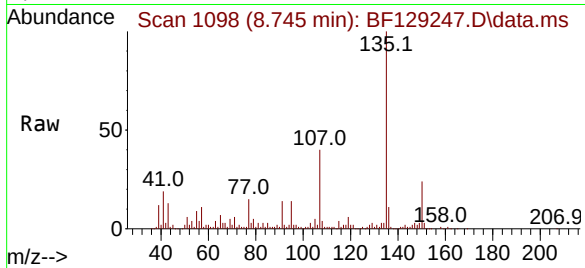
Tgt Ion:107 Resp: 40981

Ion Ratio Lower Upper

107 100

144 2.3 19.5 29.3#

142 1.4 58.2 87.4#



#37

2-Methylnaphthalene

Concen: 3.099 ng

RT: 8.892 min Scan# 1123

Delta R.T. -0.006 min

Lab File: BF129247.D

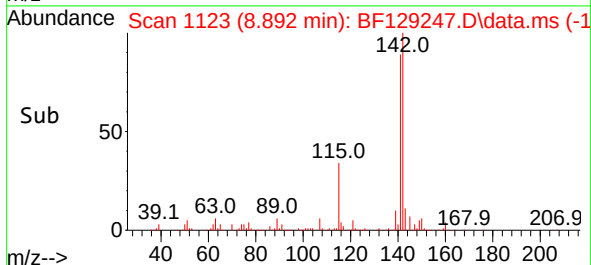
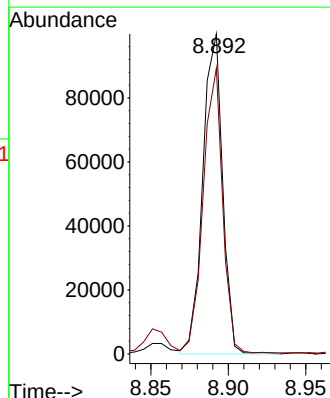
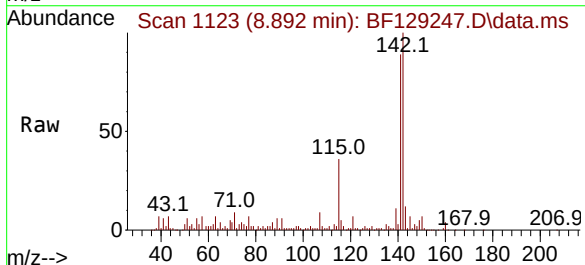
Acq: 15 Jul 2022 19:53

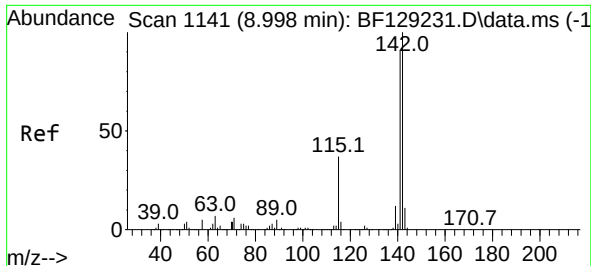
Tgt Ion:142 Resp: 88960

Ion Ratio Lower Upper

142 100

141 89.2 71.0 106.4

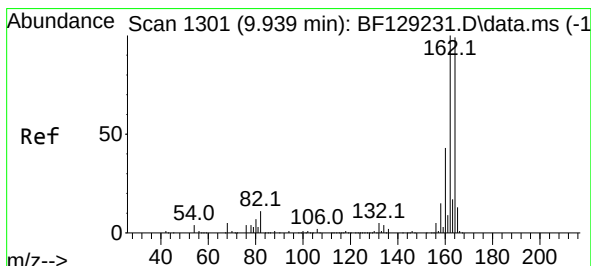
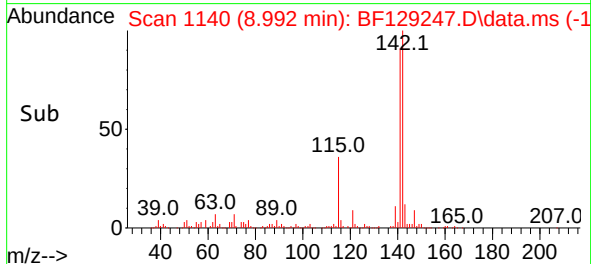
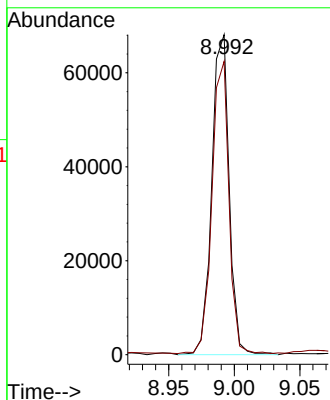
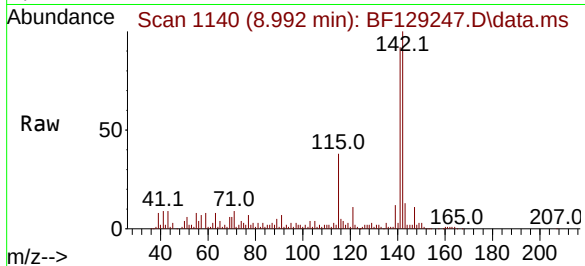




#38
1-Methylnaphthalene
Concen: 2.261 ng
RT: 8.992 min Scan# 1141
Delta R.T. -0.006 min
Lab File: BF129247.D
Acq: 15 Jul 2022 19:53

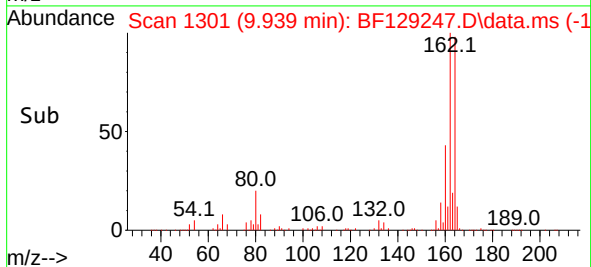
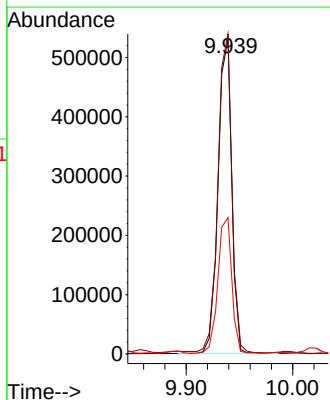
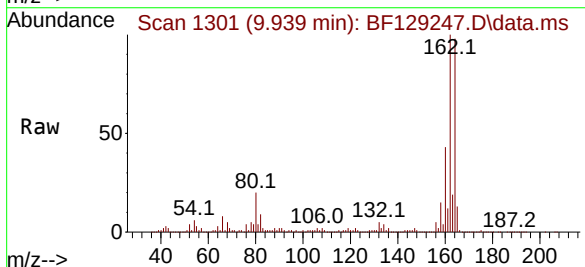
Instrument :
BNA_F
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PIPELINE-PIGGING-TK2045L

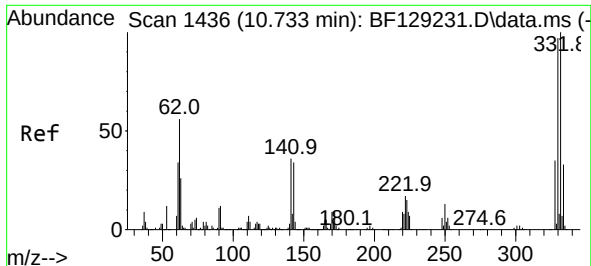
Tgt Ion:142 Resp: 62747
Ion Ratio Lower Upper
142 100
141 91.7 74.2 111.4



#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

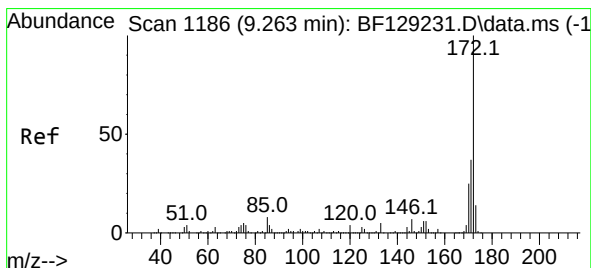
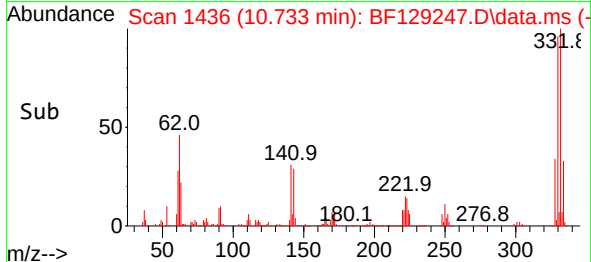
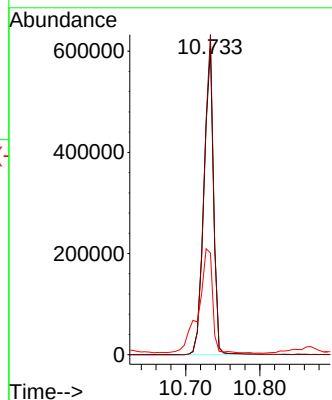
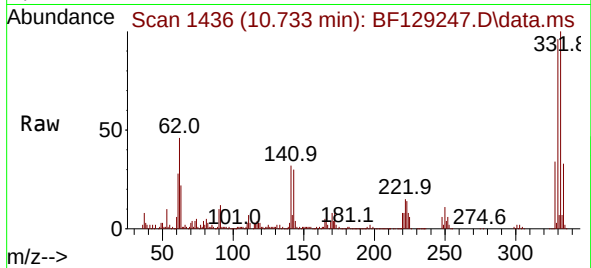




#42
2,4,6-Tribromophenol
Concen: 124.574 ng
RT: 10.733 min Scan# 1436
Delta R.T. -0.000 min
Lab File: BF129247.D
Acq: 15 Jul 2022 19:53

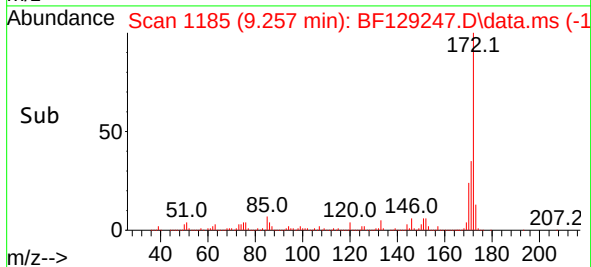
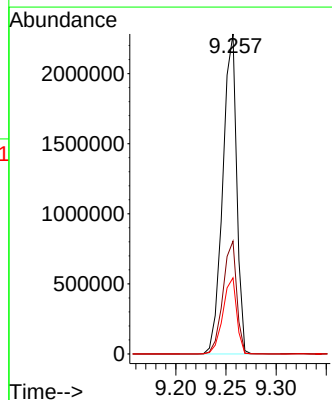
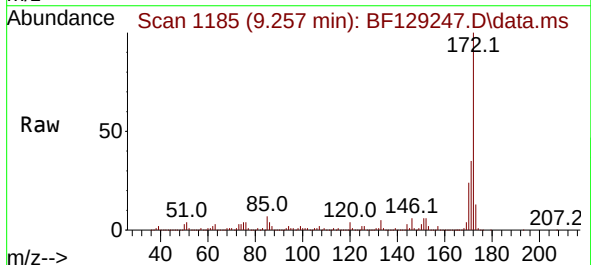
Instrument :
BNA_F
ClientSampleId :
PIPELINE-PIGGING-TK2045L

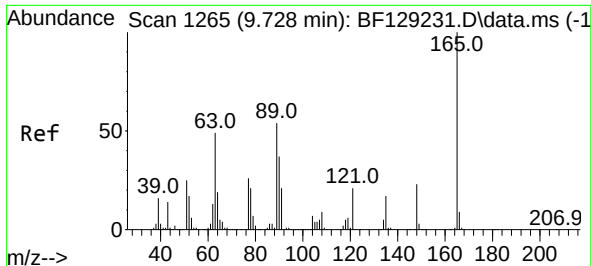
Tgt Ion:330 Resp: 546626
Ion Ratio Lower Upper
330 100
332 102.7 76.8 115.2
141 50.4 28.0 42.0#



#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

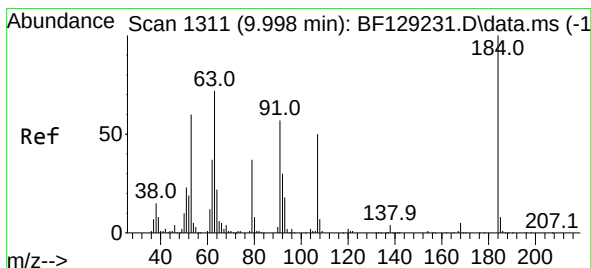
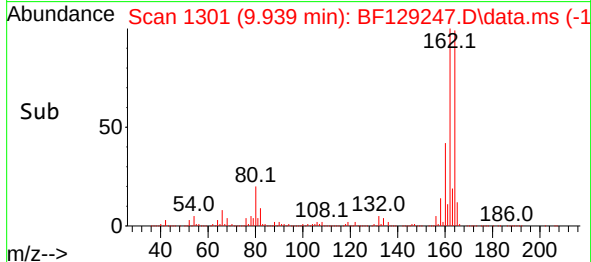
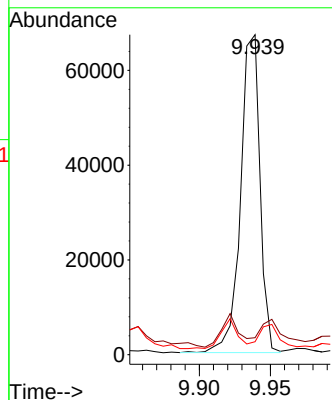
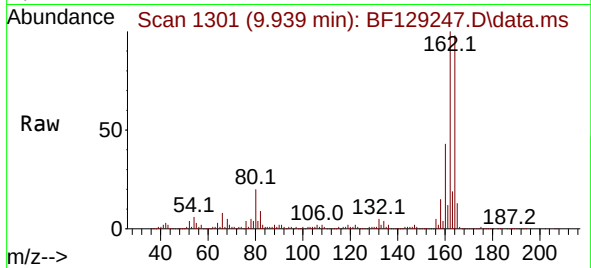




#51
2,6-Dinitrotoluene
Concen: 9.636 ng
RT: 9.939 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF129247.D
Acq: 15 Jul 2022 19:53

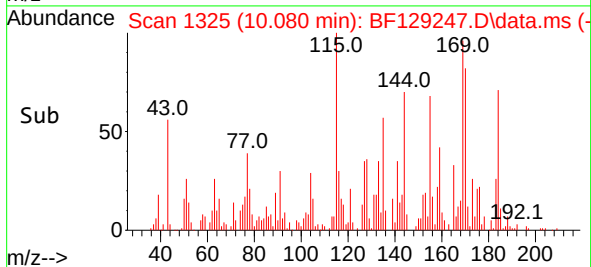
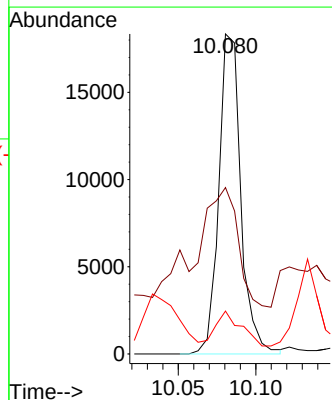
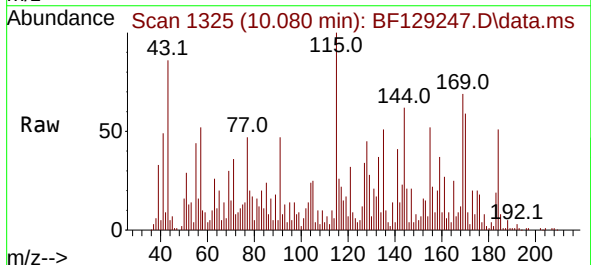
Instrument :
BNA_F
ClientSampleId :
PIPELINE-PIGGING-TK2045L

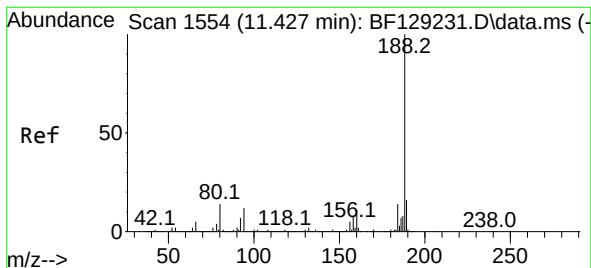
Tgt Ion:165 Resp: 63971
Ion Ratio Lower Upper
165 100
63 5.3 44.9 67.3#
89 4.1 43.6 65.4#



#54
2,4-Dinitrophenol
Concen: 5.095 ng
RT: 10.080 min Scan# 1325
Delta R.T. 0.082 min
Lab File: BF129247.D
Acq: 15 Jul 2022 19:53

Tgt Ion:184 Resp: 18126
Ion Ratio Lower Upper
184 100
63 52.0 64.5 96.7#
154 13.4 50.6 75.8#





#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

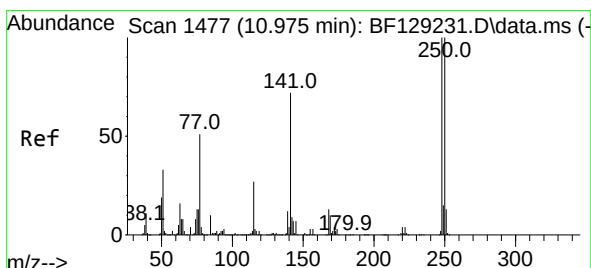
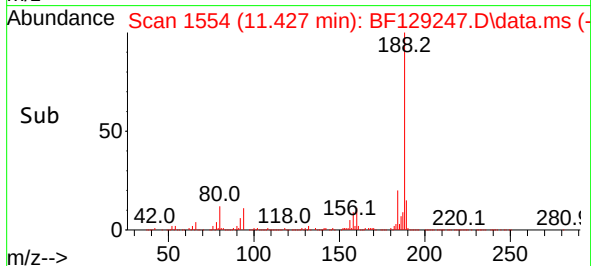
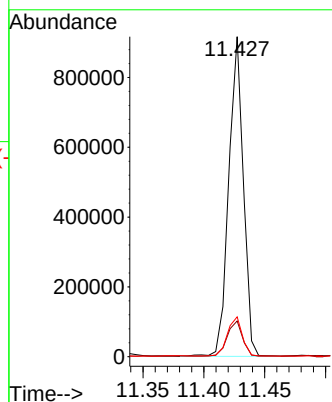
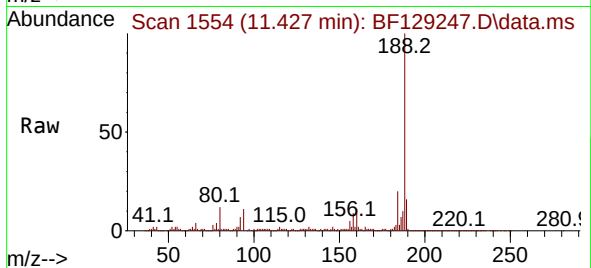
Tgt Ion:188 Resp: 766744

Ion Ratio Lower Upper

188 100

94 11.2 7.0 10.6#

80 12.5 7.6 11.4#



#67

4-Bromophenyl-phenylether

Concen: 4.204 ng

RT: 10.733 min Scan# 1436

Delta R.T. -0.241 min

Lab File: BF129247.D

Acq: 15 Jul 2022 19:53

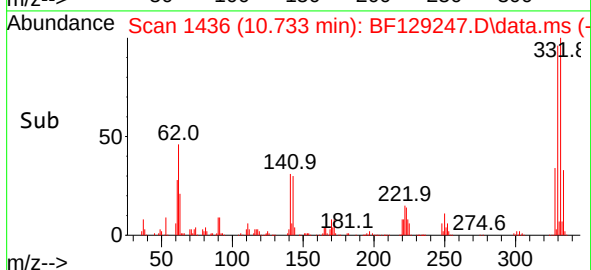
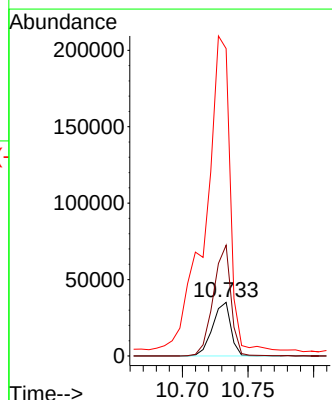
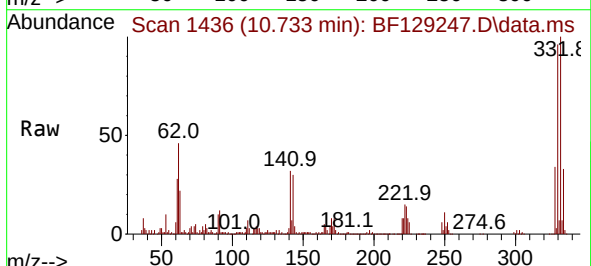
Tgt Ion:248 Resp: 33932

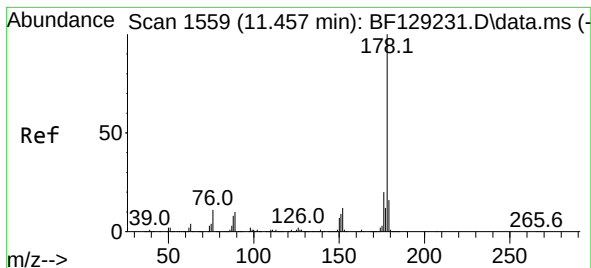
Ion Ratio Lower Upper

248 100

250 206.3 80.6 120.8#

141 572.6 58.9 88.3#





#71

Phenanthrene

Concen: 2.091 ng

RT: 11.451 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF129247.D

Acq: 15 Jul 2022 19:53

Instrument :

BNA_F

ClientSampleId :

PIPELINE-PIGGING-TK2045L

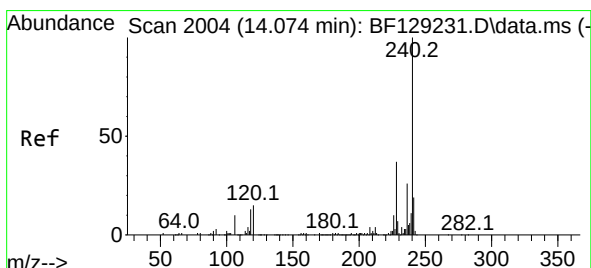
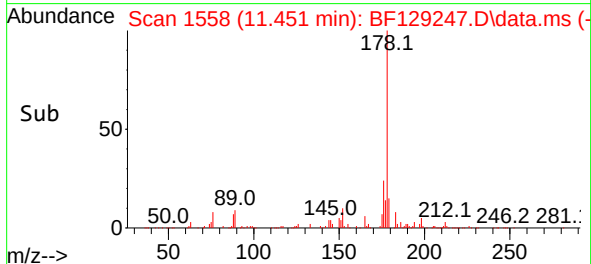
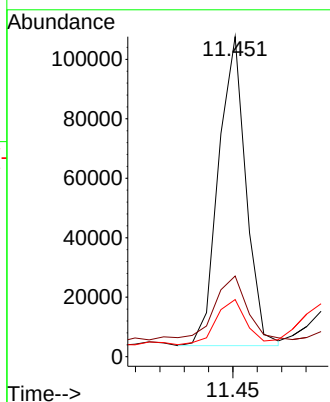
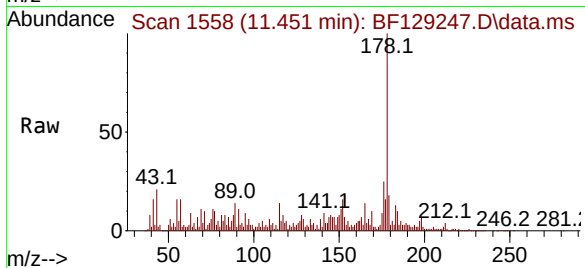
Tgt Ion:178 Resp: 81412

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# 2003

Delta R.T. -0.006 min

Lab File: BF129247.D

Acq: 15 Jul 2022 19:53

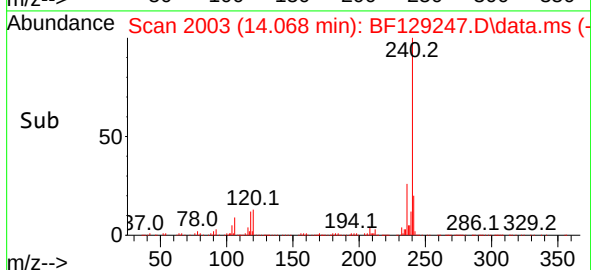
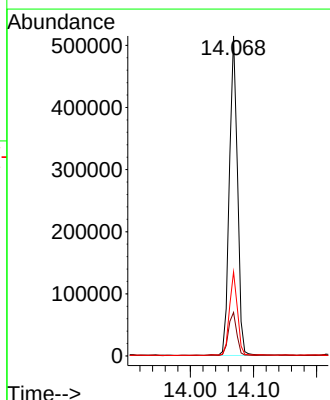
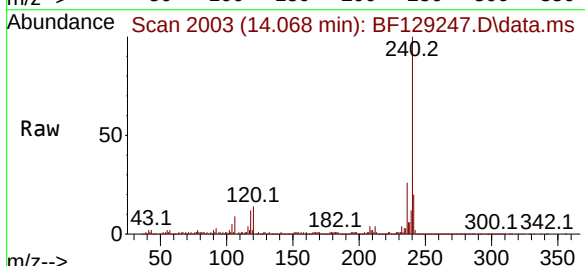
Tgt Ion:240 Resp: 456583

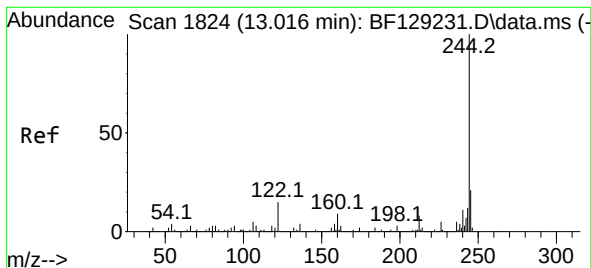
Ion Ratio Lower Upper

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

Instrument :

BNA_F

ClientSampleId :

PIPELINE-PIGGING-TK2045L

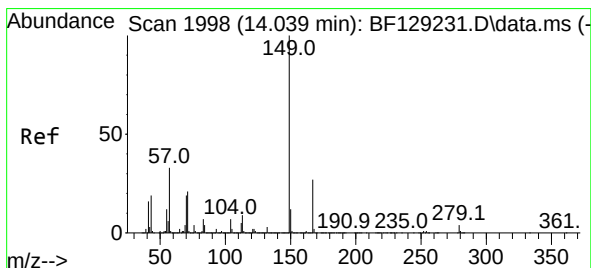
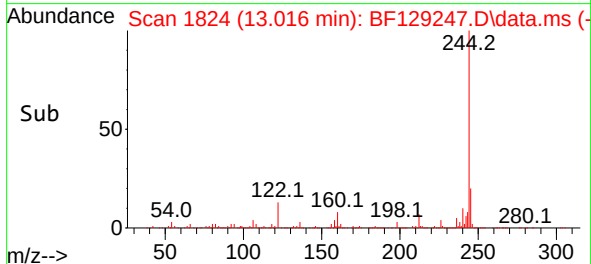
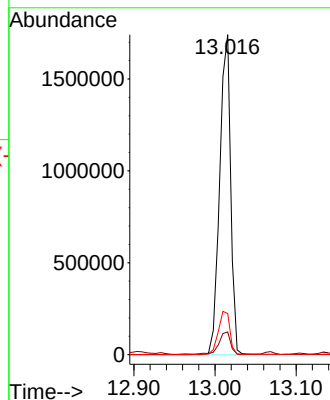
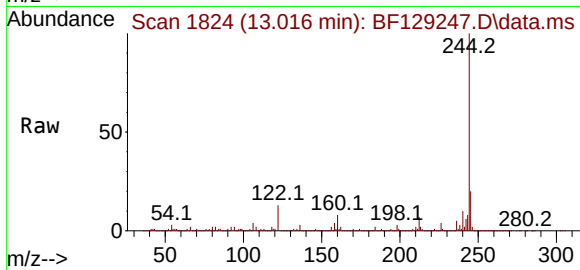
Tgt Ion:244 Resp: 1635615

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

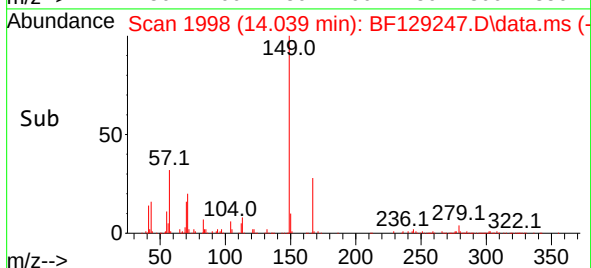
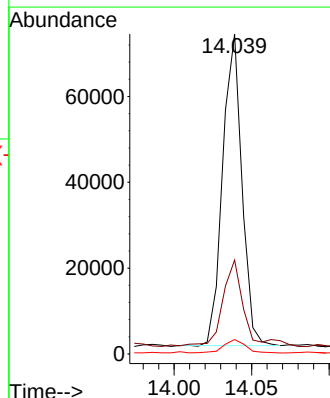
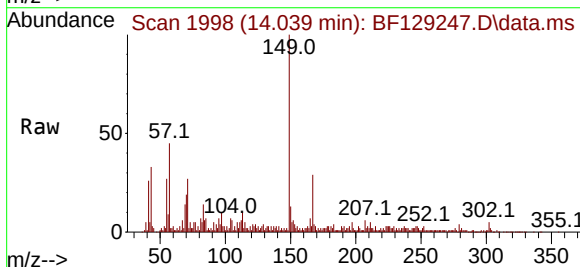
Tgt Ion:149 Resp: 62640

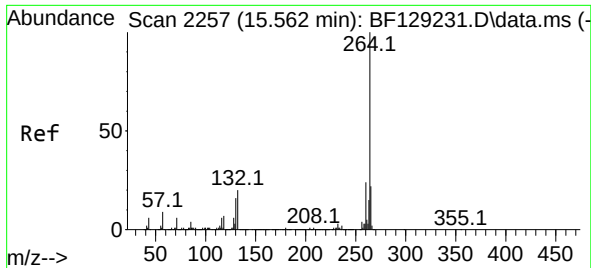
Ion Ratio Lower Upper

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# 21
 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:264 Resp: 430281
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.4 27.6
 265 21.3 17.2 25.8

