

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052319\
 Data File : BF114524.D
 Acq On : 23 May 2019 14:22
 Operator : JU/SJ
 Sample : K2886-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OUTFALL001-WK-3

Quant Time: May 24 07:33:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 07:23:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	169000	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	635471	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	309568	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	638931	20.00	ng	0.00
76) Chrysene-d12	13.98	240	531520	20.00	ng	0.00
87) Perylene-d12	15.44	264	535877	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	713366	67.93	ng	0.00
7) Phenol-d6	6.46	99	594041	47.83	ng	0.00
23) Nitrobenzene-d5	7.38	82	1124751	99.33	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	471216	147.24	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1940206	94.81	ng	0.00
79) Terphenyl-d14	12.92	244	2210288	85.72	ng	0.00

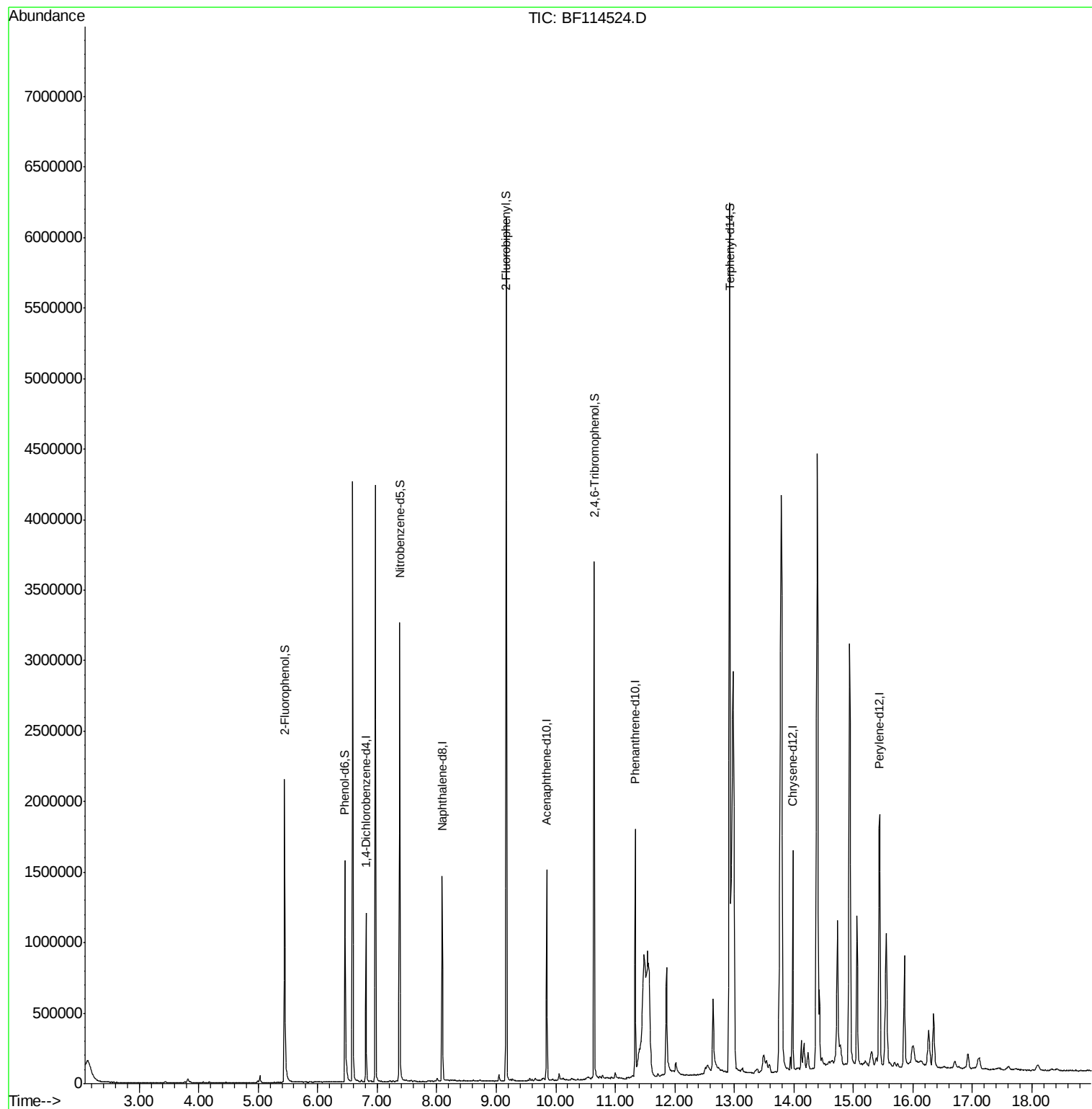
Target Compounds Qvalue

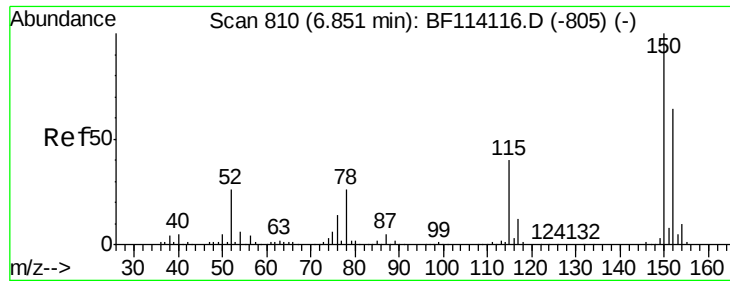
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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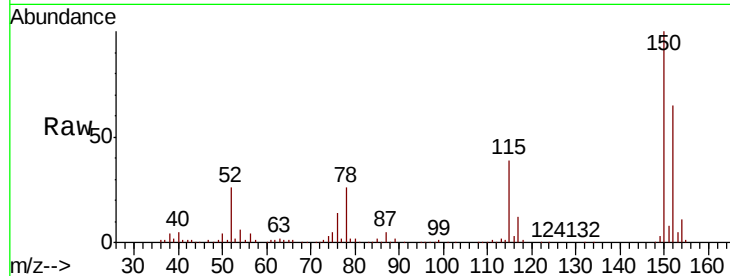


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF114524.D
Acq: 23 May 2019 14:22

Instrument :
BNA_F
ClientSampleId :
OUTFALL001-WK-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	124.3	186.5
115	60.1	49.1	73.7

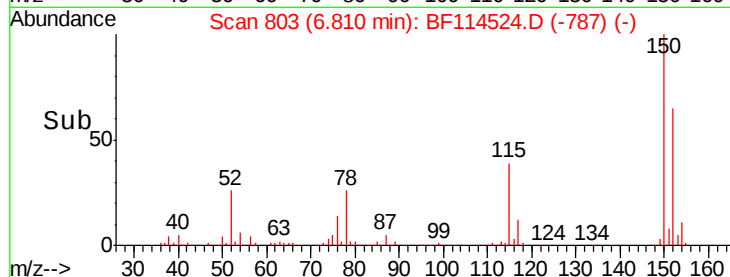
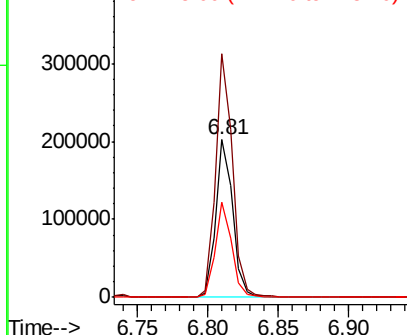


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

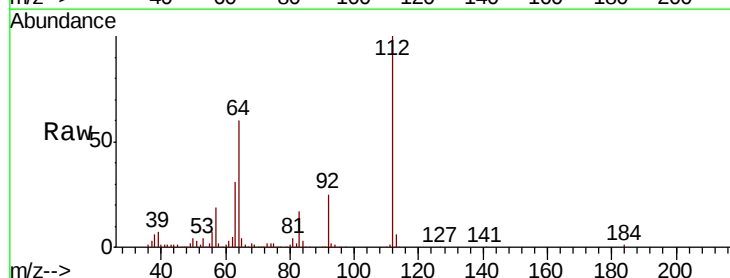
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 67.929 ng
RT: 5.45 min Scan# 571
Delta R.T. -0.00 min
Lab File: BF114524.D
Acq: 23 May 2019 14:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.1	49.0	73.6
63	30.5	24.6	37.0

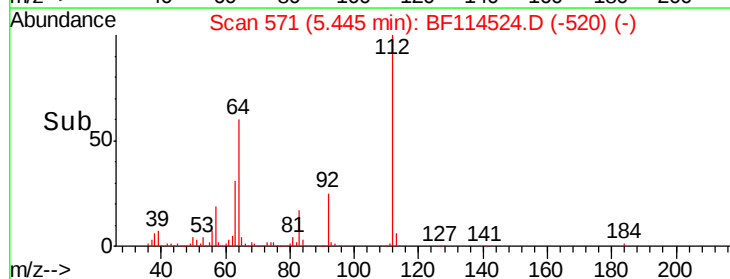
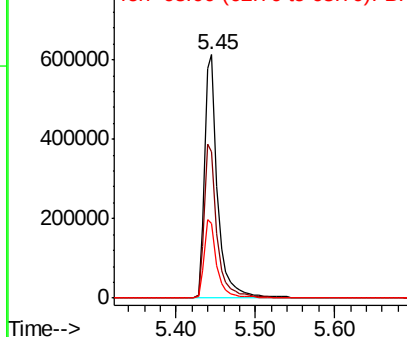


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 47.827 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF114524.D

Acq: 23 May 2019 14:22

Instrument :

BNA_F

ClientSampleId :

OUTFALL001-WK-3

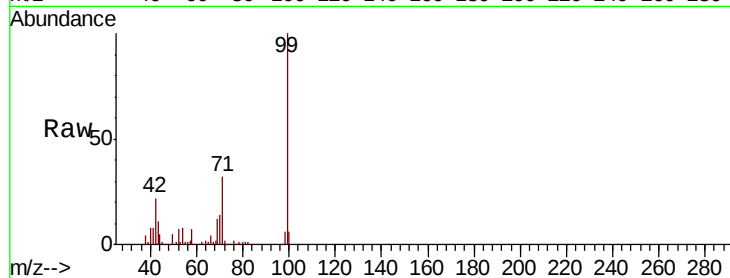
Tot Ion: 99 Resp: 594041

Ion Ratio Lower Upper

99 100

42 21.8 17.9 26.9

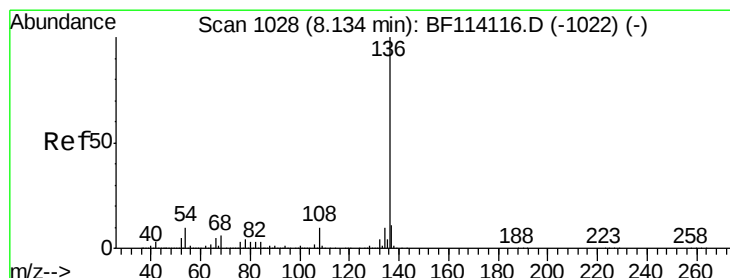
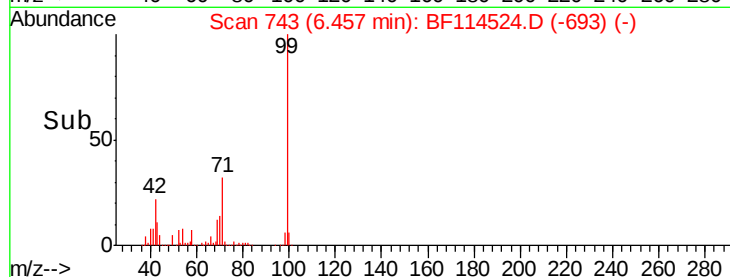
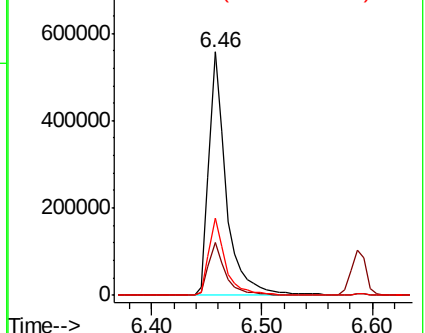
71 31.9 26.2 39.2



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF114524.D

Acq: 23 May 2019 14:22

Tgt Ion: 136 Resp: 635471

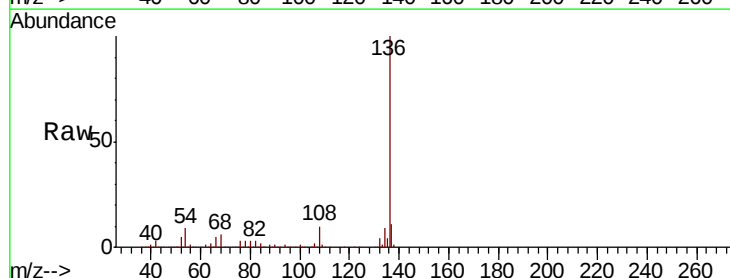
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 9.4 7.8 11.8

68 6.0 5.1 7.7

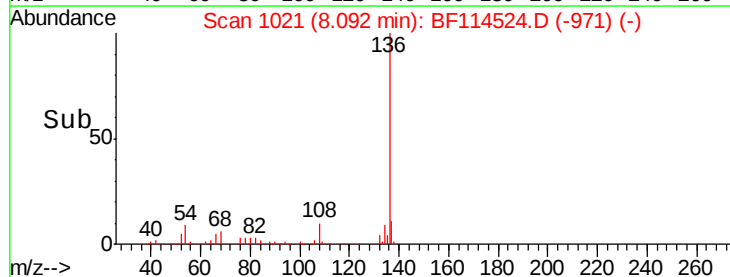
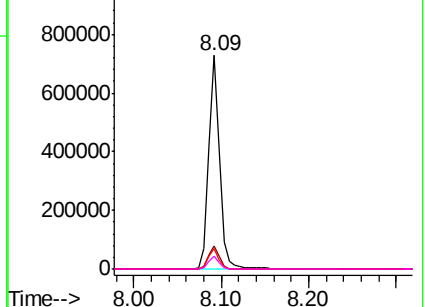


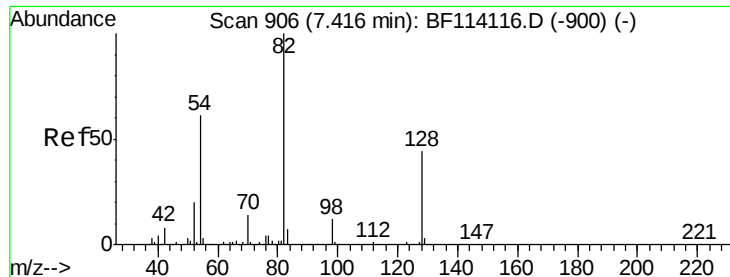
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

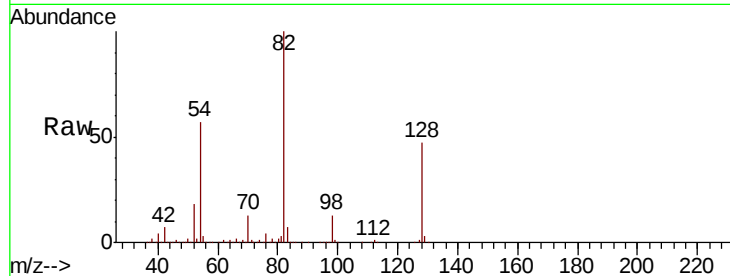




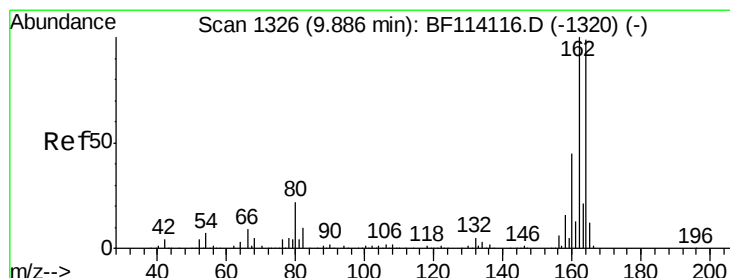
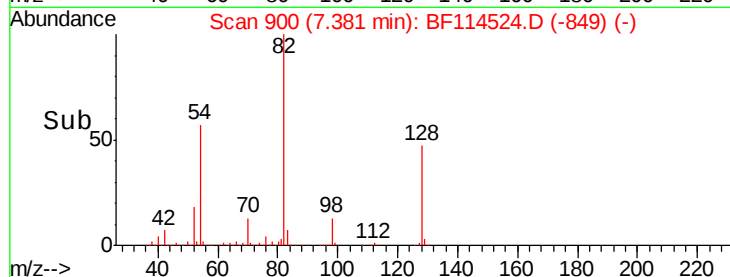
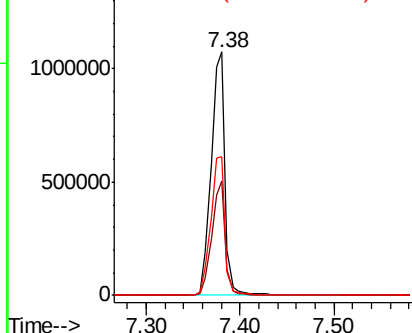
#23
Nitrobenzene-d5
Concen: 99.330 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF114524.D
Acq: 23 May 2019 14:22

Instrument :
BNA_F
ClientSampleId :
OUTFALL001-WK-3

Tot Ion: 82 Resp: 1124751
Ion Ratio Lower Upper
82 100
128 46.8 35.5 53.3
54 57.1 48.5 72.7

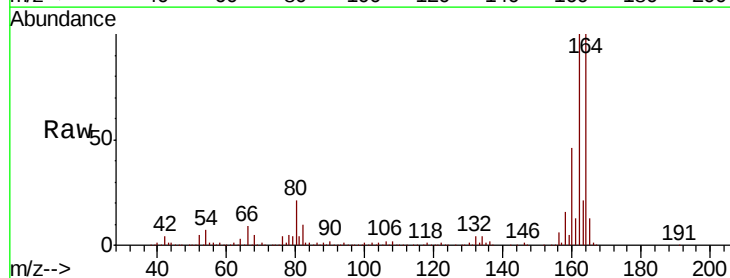


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

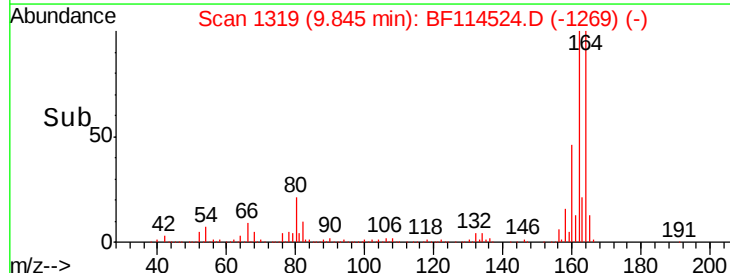
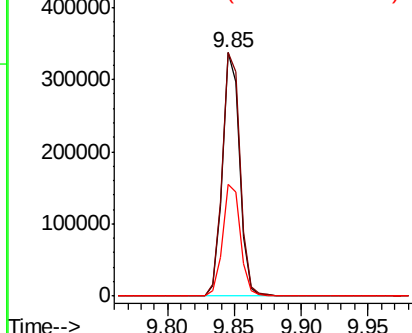


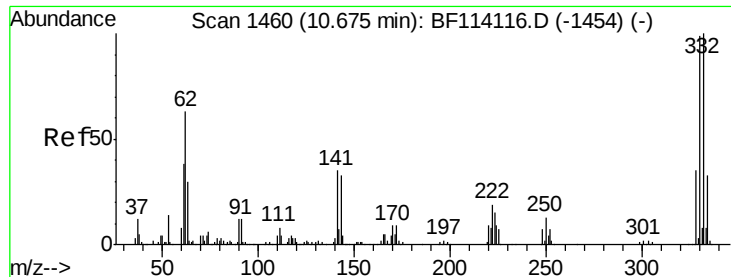
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF114524.D
Acq: 23 May 2019 14:22

Tgt Ion:164 Resp: 309568
Ion Ratio Lower Upper
164 100
162 100.0 80.6 120.8
160 46.2 36.5 54.7



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

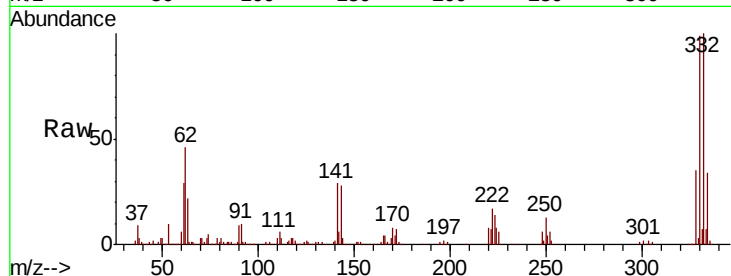




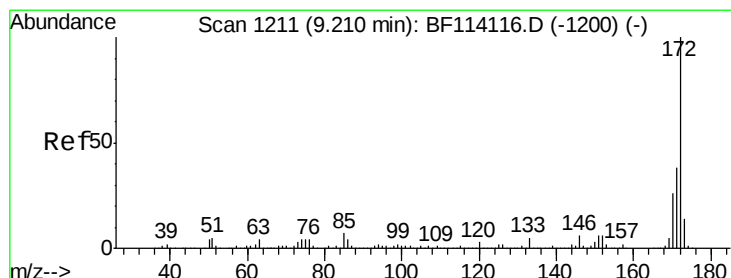
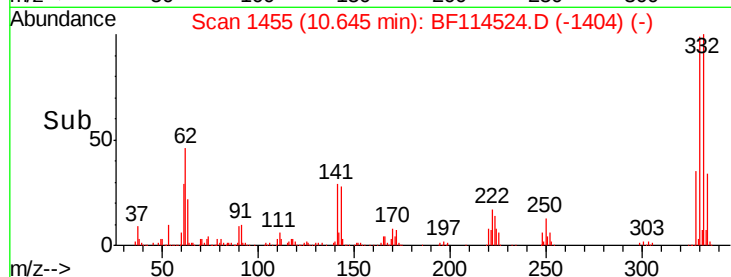
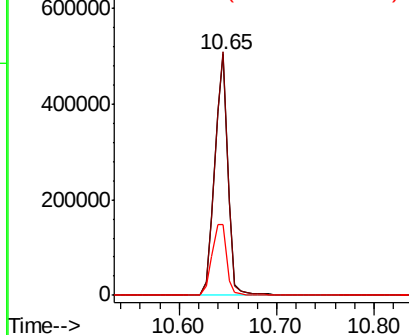
#42
 2,4,6-Tribromophenol
 Concen: 147.236 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BF114524.D
 Acq: 23 May 2019 14:22

Instrument :
 BNA_F
 ClientSampleId :
 OUTFALL001-WK-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	100.3	81.4	122.2
141	33.4	26.6	40.0

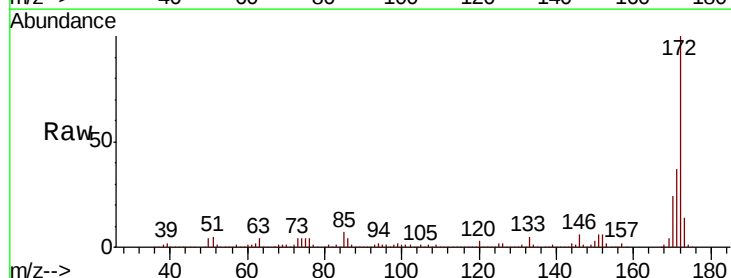


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

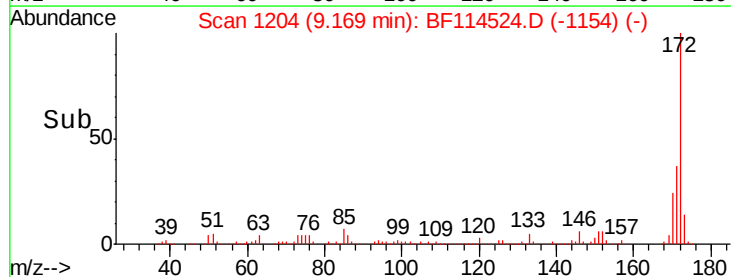
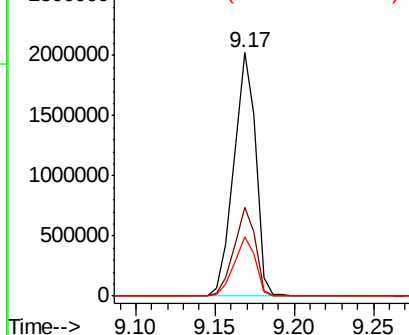


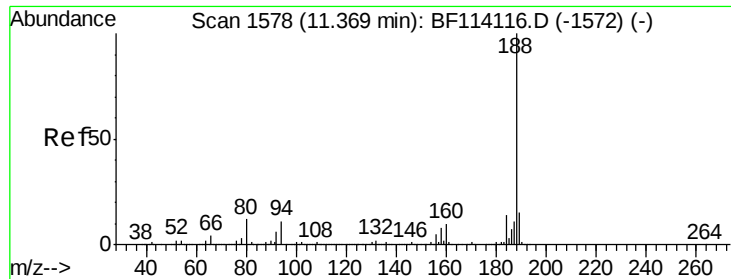
#45
 2-Fluorobiphenyl
 Concen: 94.806 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF114524.D
 Acq: 23 May 2019 14:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.7	46.1
170	24.4	20.5	30.7



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF114524.D

Acq: 23 May 2019 14:22

Instrument :

BNA_F

ClientSampleId :

OUTFALL001-WK-3

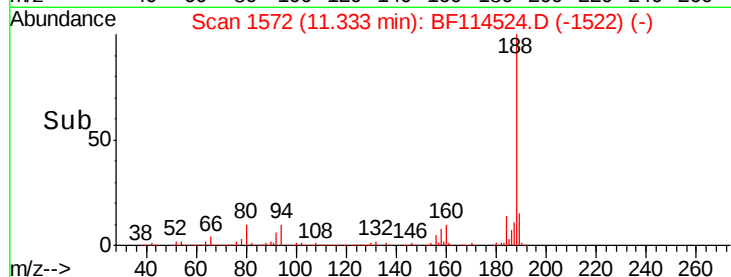
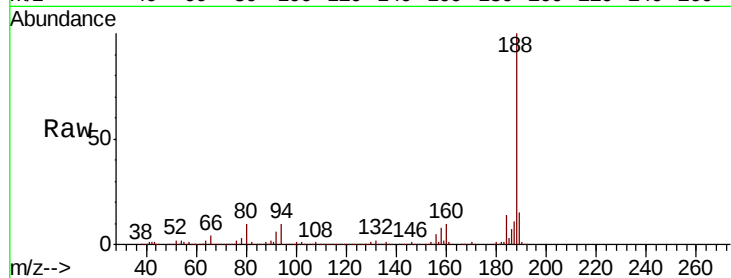
Tot Ion:188 Resp: 638931

Ion Ratio Lower Upper

188 100

94 10.1 8.4 12.6

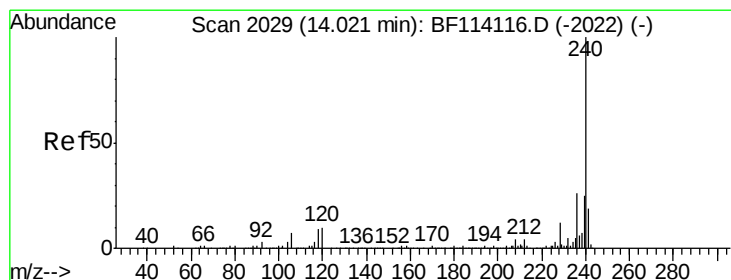
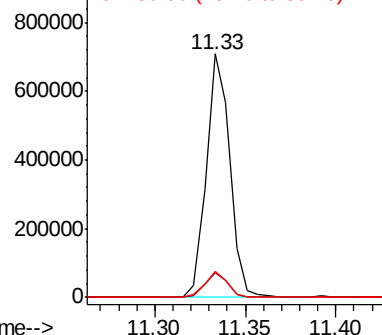
80 10.5 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF114524.D

Acq: 23 May 2019 14:22

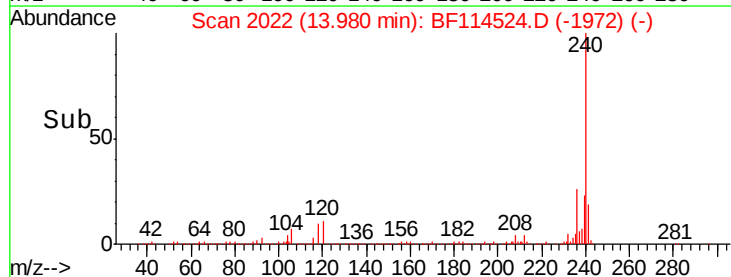
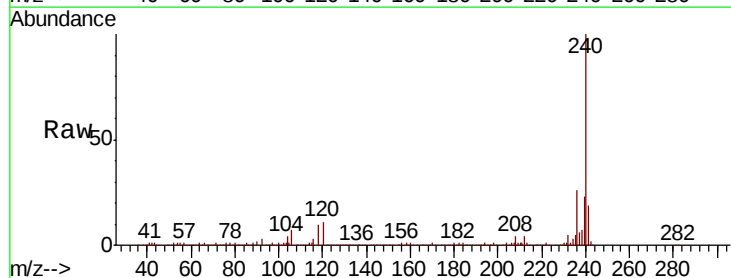
Tgt Ion:240 Resp: 531520

Ion Ratio Lower Upper

240 100

120 10.9 8.3 12.5

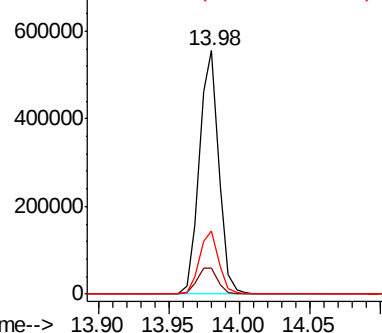
236 25.9 20.8 31.2

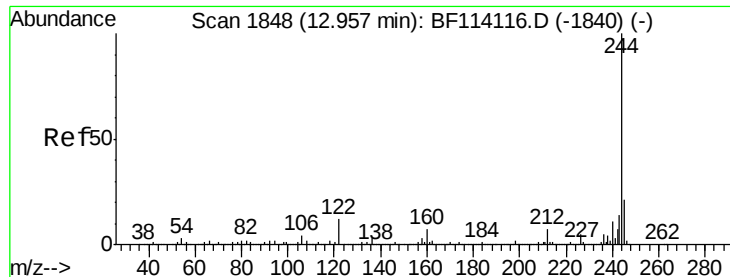


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 85.723 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.01 min

Lab File: BF114524.D

Acq: 23 May 2019 14:22

Instrument :

BNA_F

ClientSampleId :

OUTFALL001-WK-3

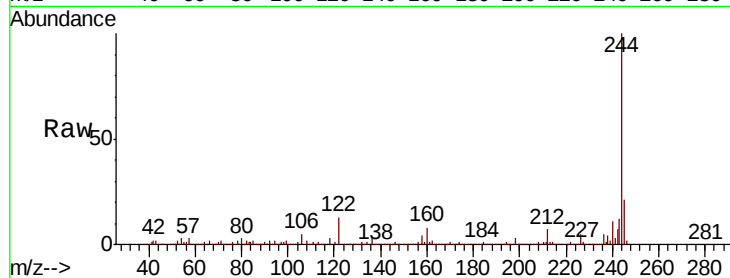
Tot Ion:244 Resp: 2210288

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.6

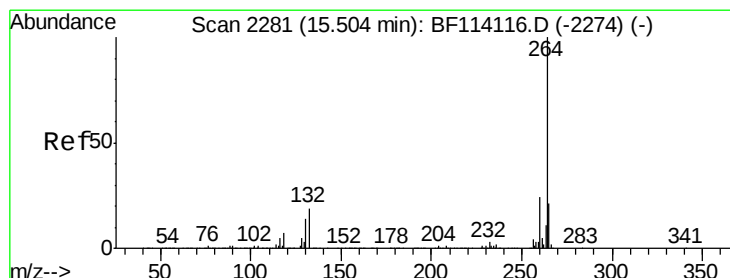
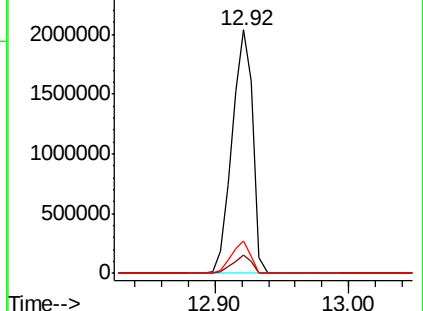
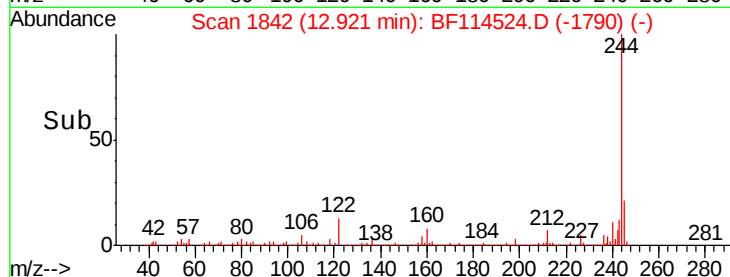
122 13.3 9.4 14.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2271

Delta R.T. -0.01 min

Lab File: BF114524.D

Acq: 23 May 2019 14:22

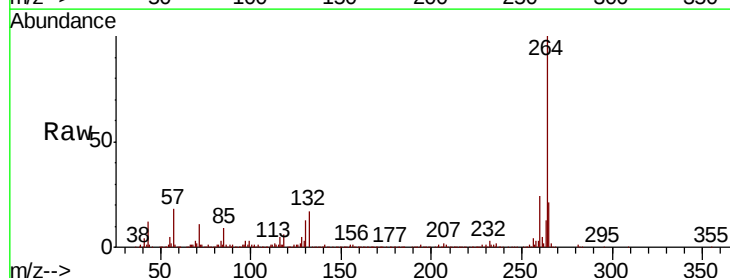
Tgt Ion:264 Resp: 535877

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.0

265 21.1 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

