

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF082120\
 Data File : BF121371.D
 Acq On : 21 Aug 2020 17:10
 Operator : JU/CG
 Sample : L3729-18
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-5-(4-5)

Quant Time: Sep 01 11:24:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 04:56:10 2020
 Response via : Initial Calibration

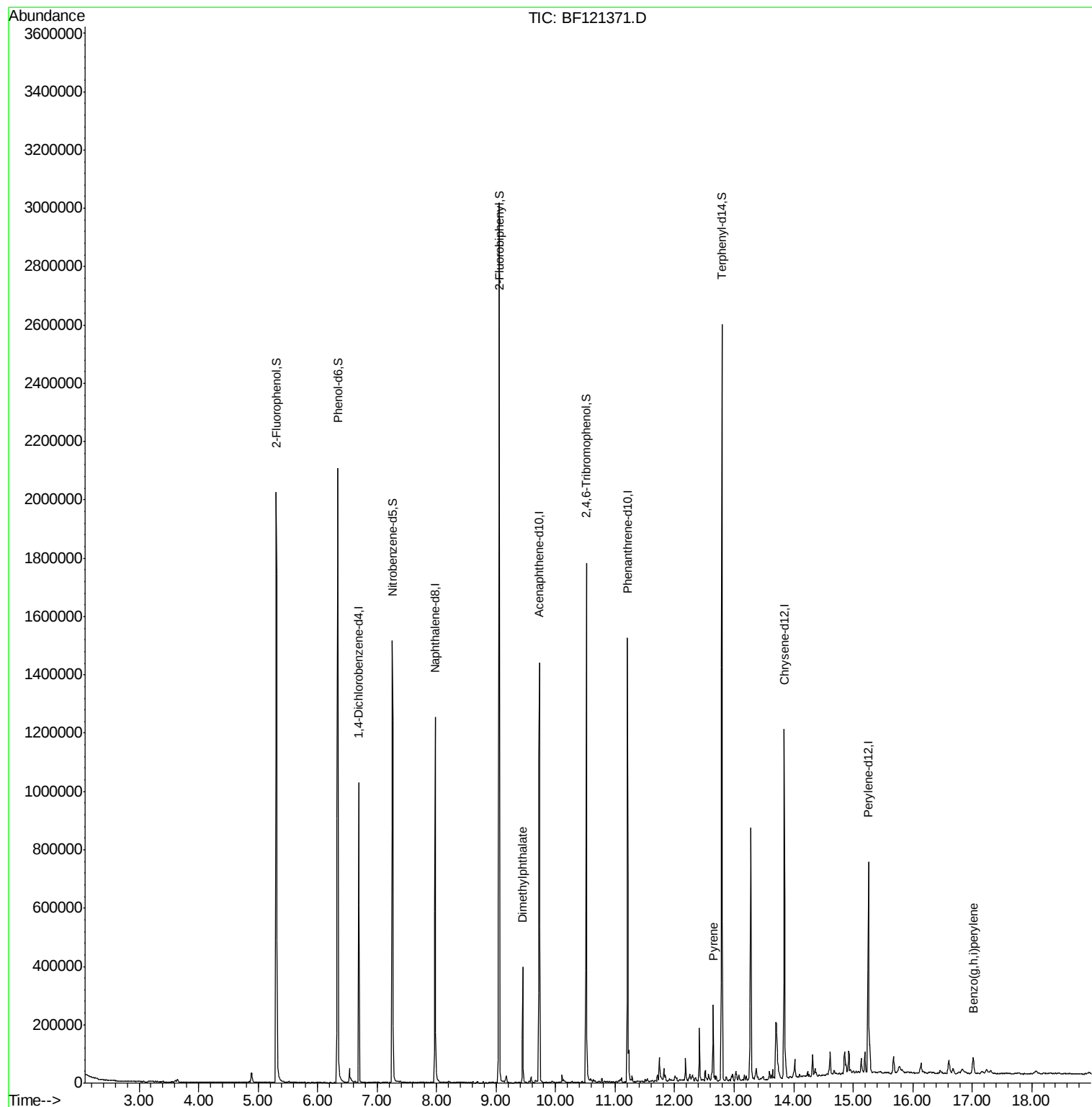
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	144346	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	558973	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	283781	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	544394	20.00	ng	0.00
76) Chrysene-d12	13.84	240	376807	20.00	ng	0.00
86) Perylene-d12	15.26	264	331831	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	656352	74.56	ng	0.00
7) Phenol-d6	6.34	99	787027	70.03	ng	0.00
23) Nitrobenzene-d5	7.26	82	522269	52.84	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	230977	69.85	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	938409	59.62	ng	0.00
79) Terphenyl-d14	12.79	244	900678	46.71	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.45	163	147146	7.127	ng	100
78) Pyrene	12.64	202	98734	3.488	ng	98
92) Benzo(a,h,i)perylene	17.02	276	44004	2.710	ng	98

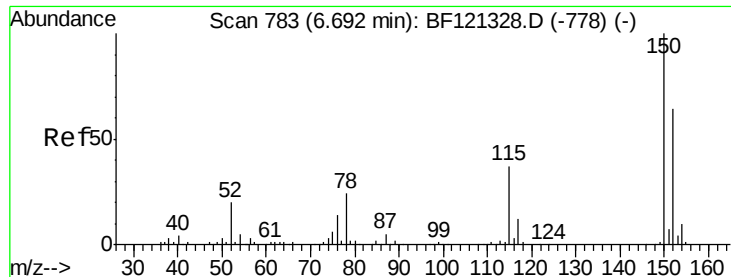
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.69 min Scan# 783

Delta R.T. -0.00 min

Lab File: BF121371.D

Acq: 21 Aug 2020 17:10

Instrument :

BNA_F

ClientSampleId :

COMP-5-(4-5)

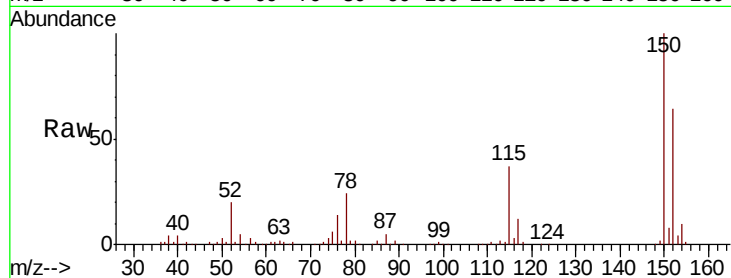
Tot Ion:152 Resp: 144346

Ion Ratio Lower Upper

152 100

150 155.1 124.8 187.2

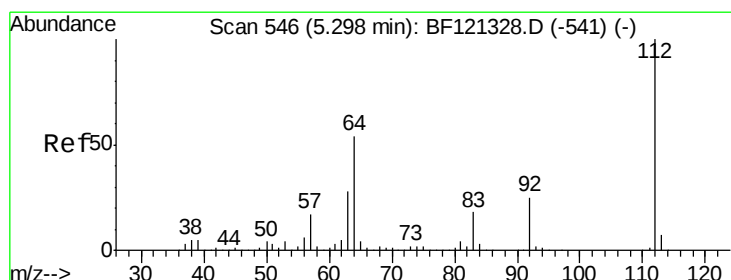
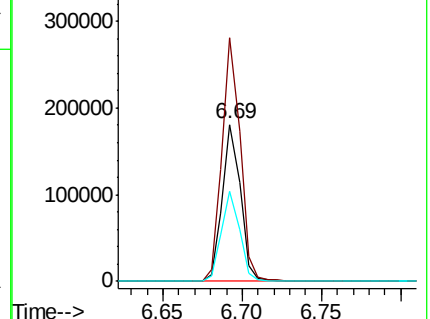
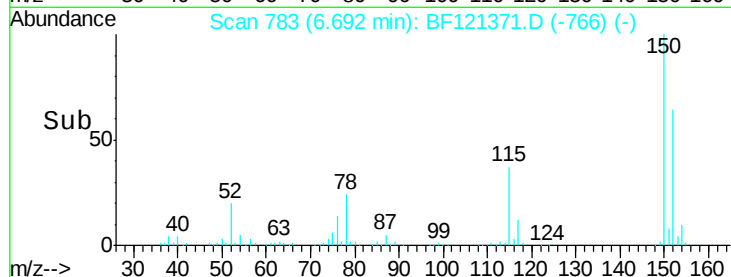
115 57.7 46.1 69.1



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: 74.560 ng

RT: 5.30 min Scan# 547

Delta R.T. 0.01 min

Lab File: BF121371.D

Acq: 21 Aug 2020 17:10

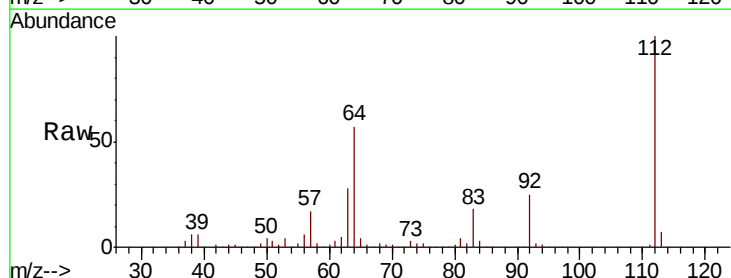
Tgt Ion:112 Resp: 656352

Ion Ratio Lower Upper

112 100

64 56.8 43.5 65.3

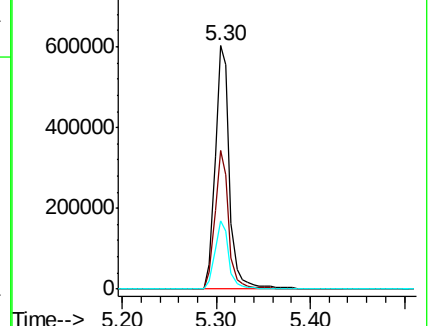
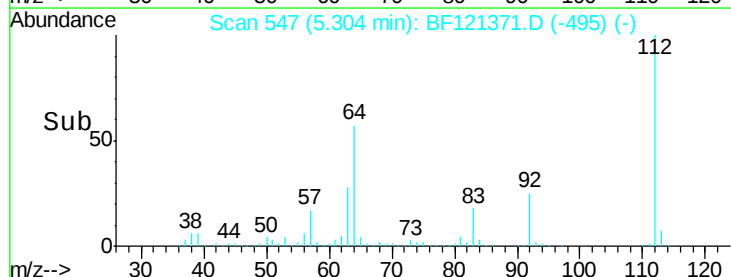
63 28.2 22.0 33.0

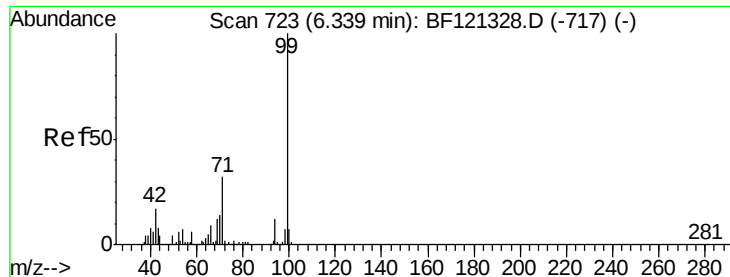


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 70.034 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF121371.D

Acq: 21 Aug 2020 17:10

Instrument :

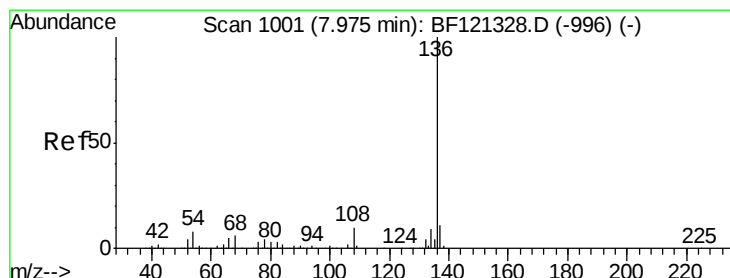
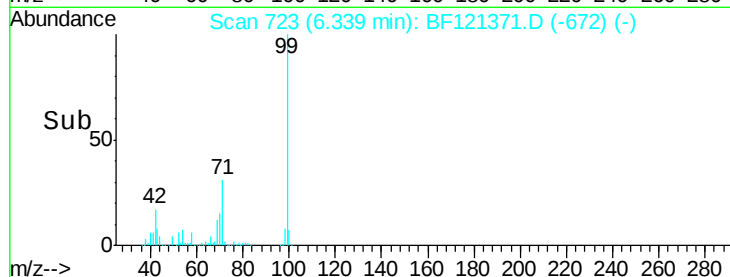
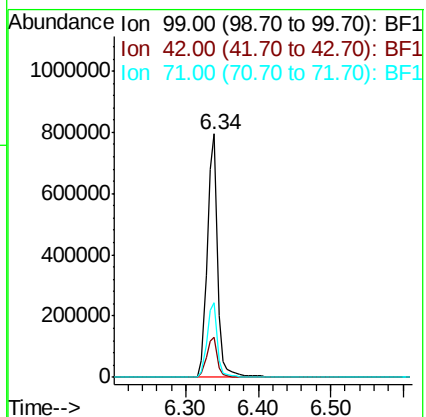
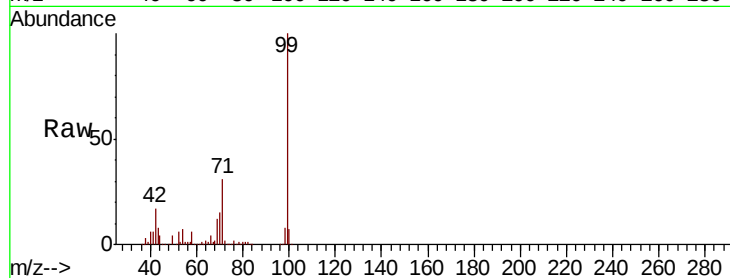
BNA_F

ClientSampleId :

COMP-5-(4-5)

Tot Ion: 99 Resp: 787027

Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.5	20.3
71	30.7	25.2	37.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

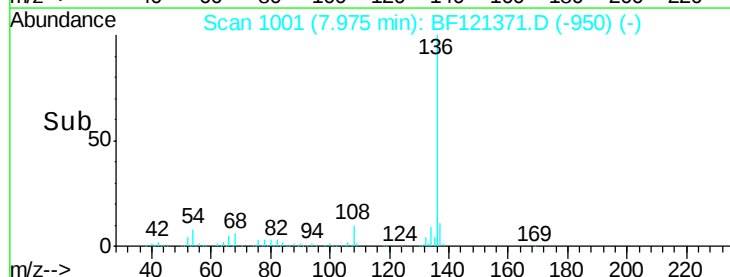
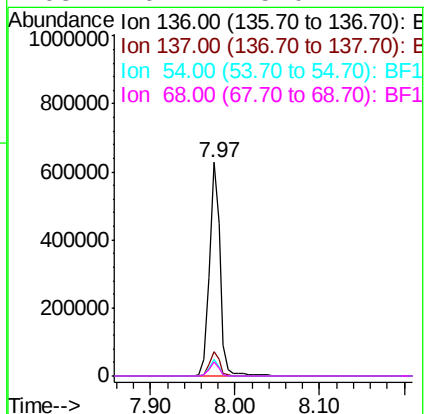
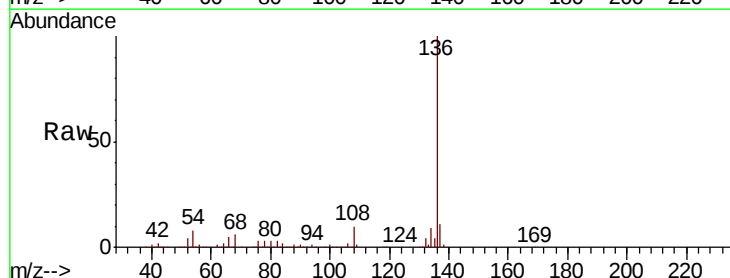
Delta R.T. -0.00 min

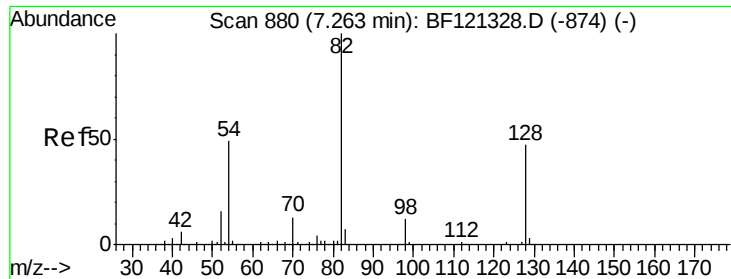
Lab File: BF121371.D

Acq: 21 Aug 2020 17:10

Tgt Ion: 136 Resp: 558973

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.6	6.1	9.1
68	6.4	5.0	7.4

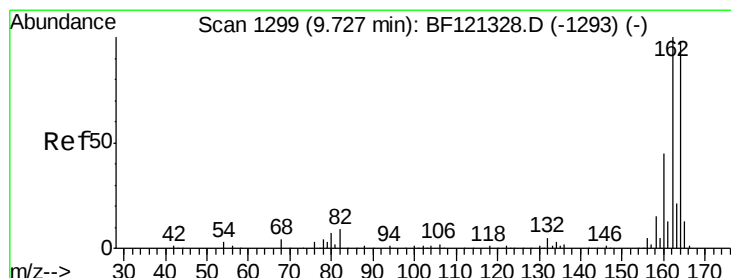
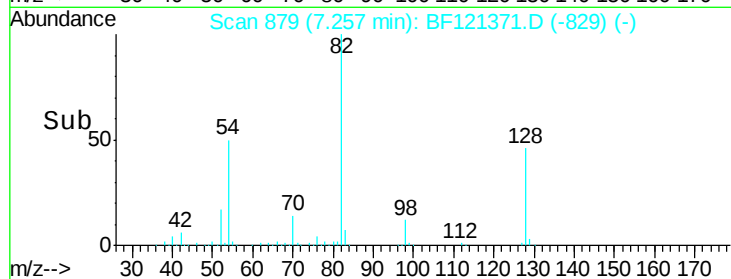
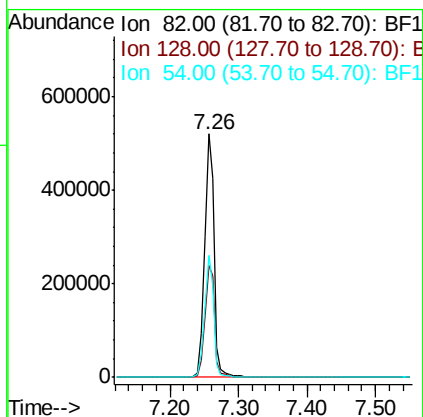
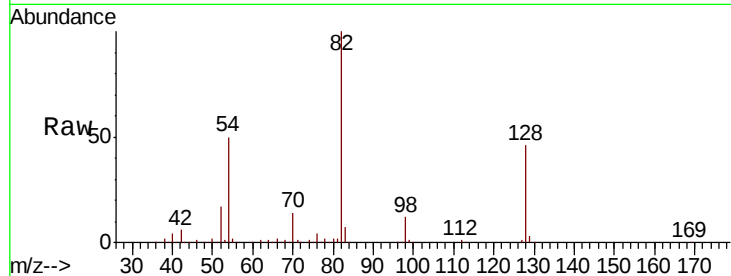




#23
 Nitrobenzene-d5
 Concen: 52.842 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF121371.D
 Acq: 21 Aug 2020 17:10

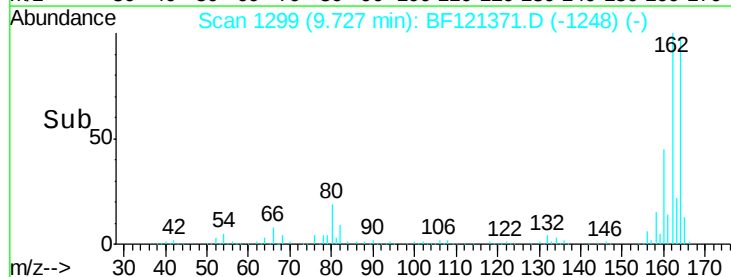
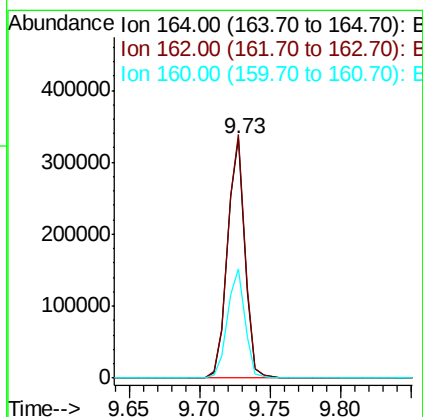
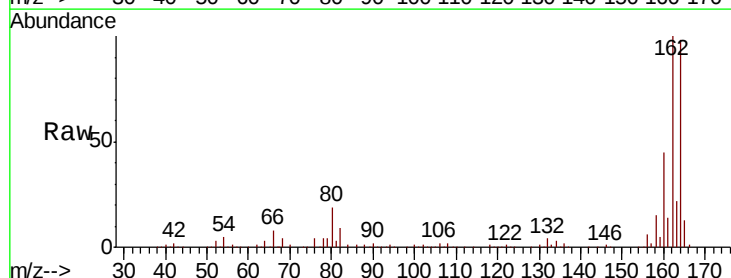
Instrument :
 BNA_F
 ClientSampleId :
 COMP-5-(4-5)

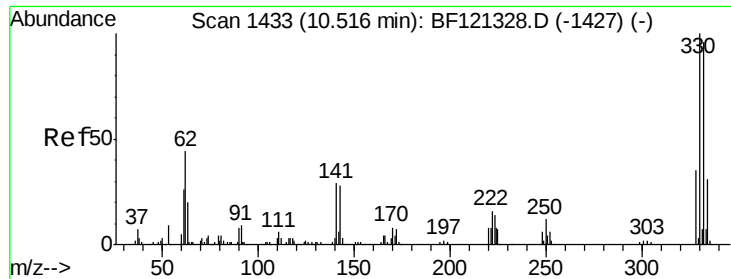
Tot Ion	82	Resp	522269
Ion Ratio	Lower	Upper	
82	100		
128	46.2	37.9	56.9
54	50.2	39.0	58.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.00 min
 Lab File: BF121371.D
 Acq: 21 Aug 2020 17:10

Tgt Ion	164	Resp	283781
Ion Ratio	Lower	Upper	
164	100		
162	101.6	81.7	122.5
160	45.8	37.0	55.4

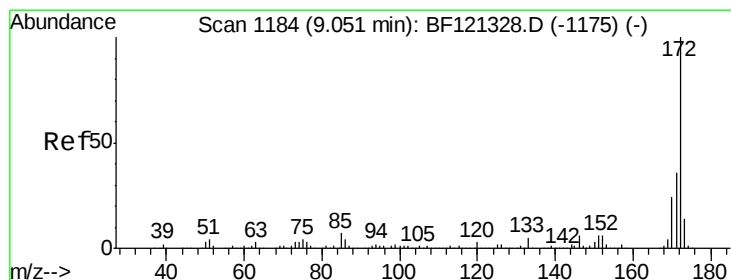
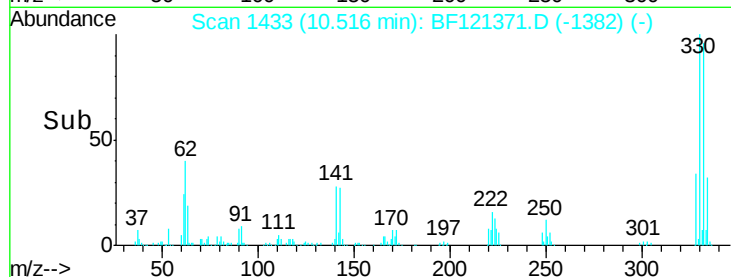
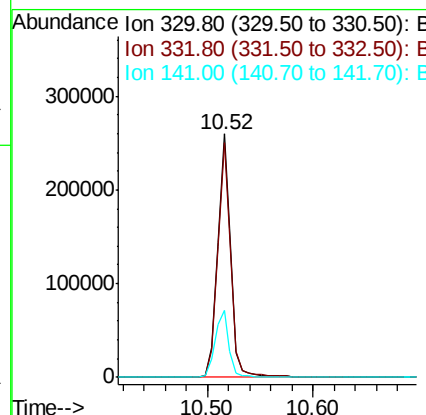
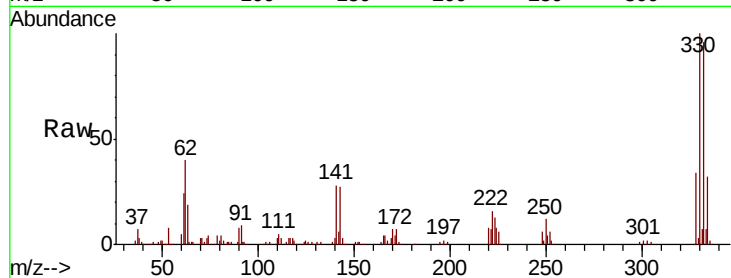




#42
 2,4,6-Tribromophenol
 Concen: 69.846 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BF121371.D
 Acq: 21 Aug 2020 17:10

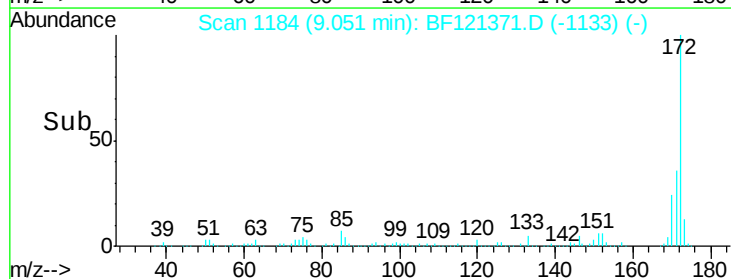
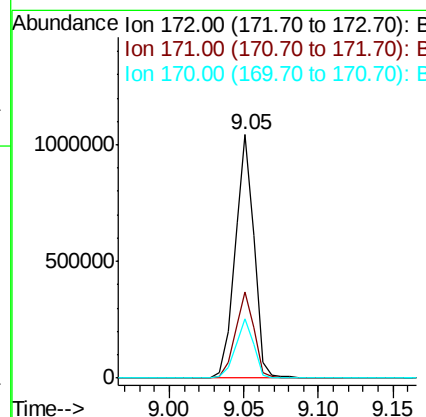
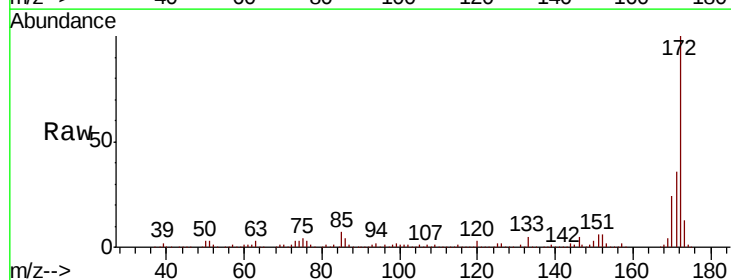
Instrument :
 BNA_F
 ClientSampleId :
 COMP-5-(4-5)

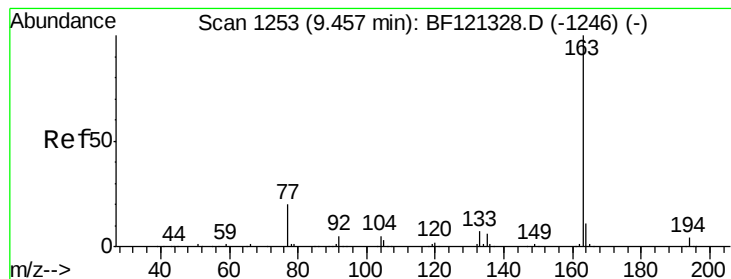
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.9	115.3
141	29.1	22.8	34.2



#45
 2-Fluorobiphenyl
 Concen: 59.621 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF121371.D
 Acq: 21 Aug 2020 17:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.0	43.6
170	24.2	19.4	29.2





#50

Dimethylphthalate

Concen: 7.127 ng

RT: 9.45 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BF121371.D

Acq: 21 Aug 2020 17:10

Instrument :

BNA_F

ClientSampleId :

COMP-5-(4-5)

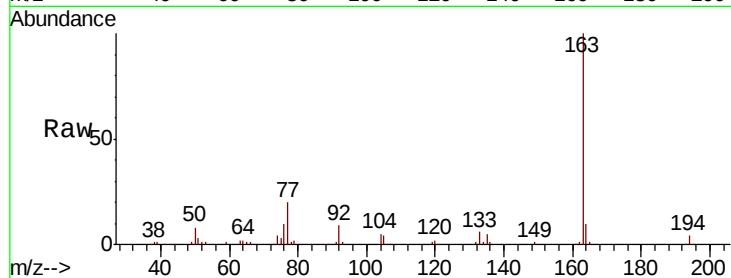
Tot Ion:163 Resp: 147146

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

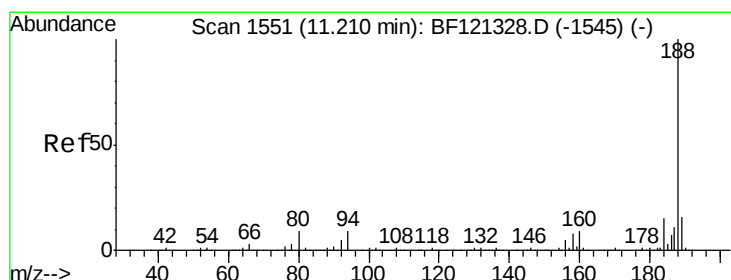
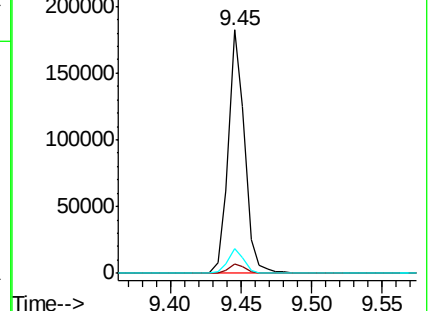
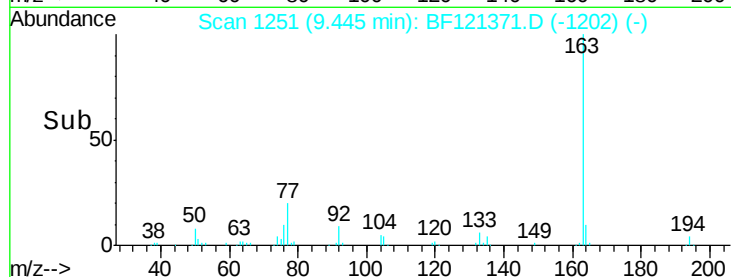
164 10.4 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.21 min Scan# 1551

Delta R.T. -0.00 min

Lab File: BF121371.D

Acq: 21 Aug 2020 17:10

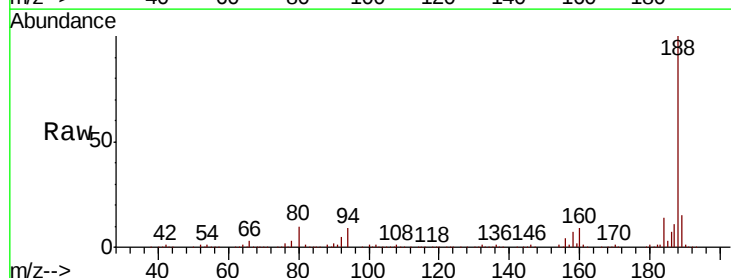
Tgt Ion:188 Resp: 544394

Ion Ratio Lower Upper

188 100

94 9.1 7.2 10.8

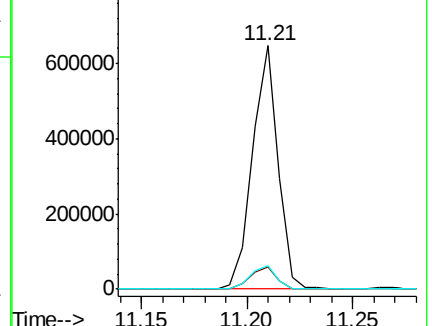
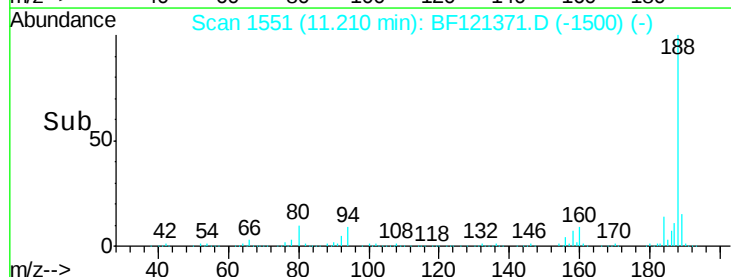
80 9.6 7.4 11.0

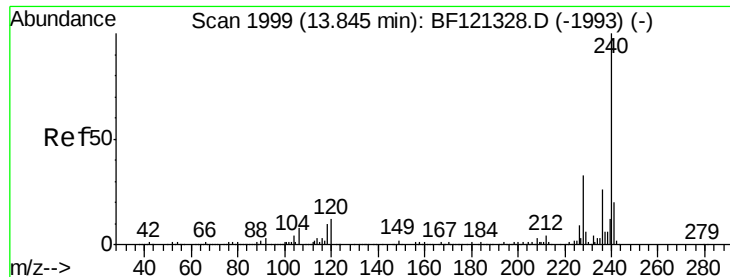


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.84 min Scan# 1999

Delta R.T. -0.00 min

Lab File: BF121371.D

Acq: 21 Aug 2020 17:10

Instrument :

BNA_F

ClientSampleId :

COMP-5-(4-5)

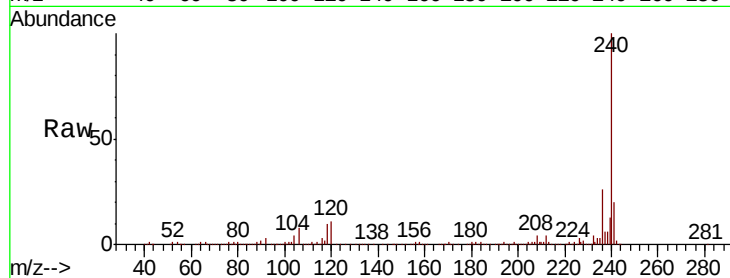
Tot Ion:240 Resp: 376807

Ion Ratio Lower Upper

240 100

120 11.4 9.6 14.4

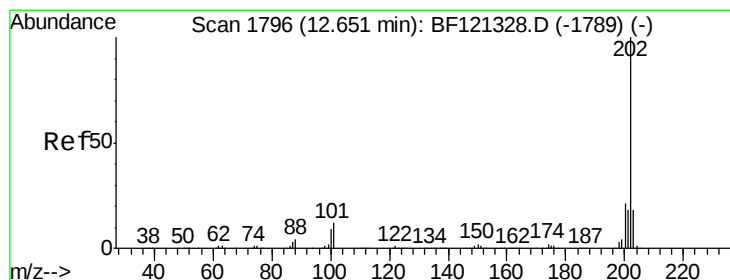
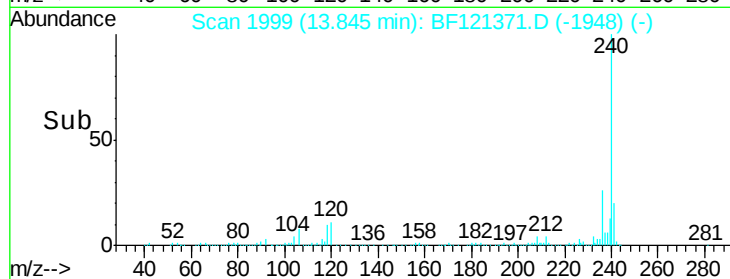
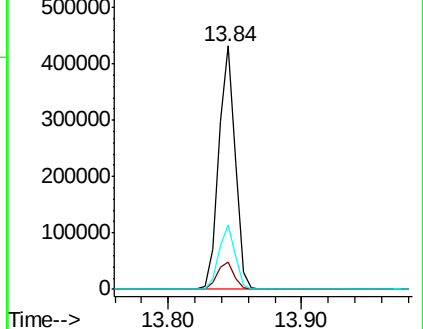
236 26.4 20.6 31.0



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



#78

Pyrene

Concen: 3.488 ng

RT: 12.64 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BF121371.D

Acq: 21 Aug 2020 17:10

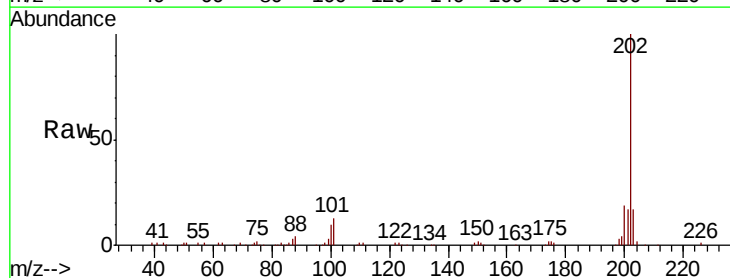
Tgt Ion:202 Resp: 98734

Ion Ratio Lower Upper

202 100

200 19.2 16.6 24.8

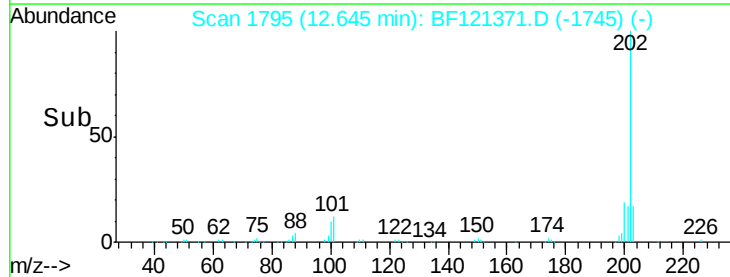
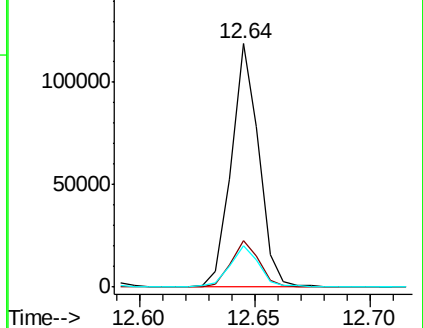
203 17.1 14.2 21.2

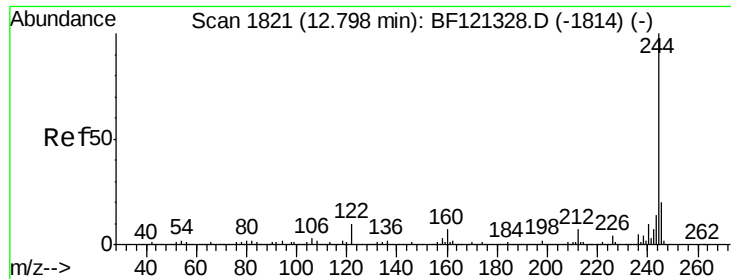


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

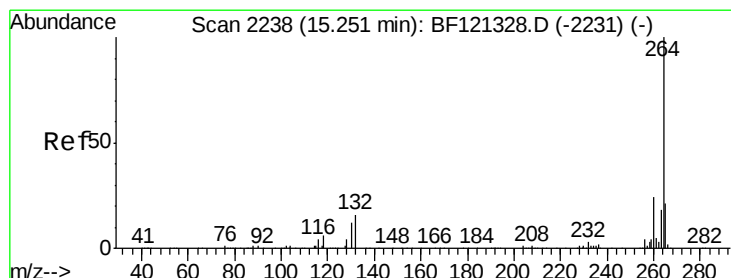
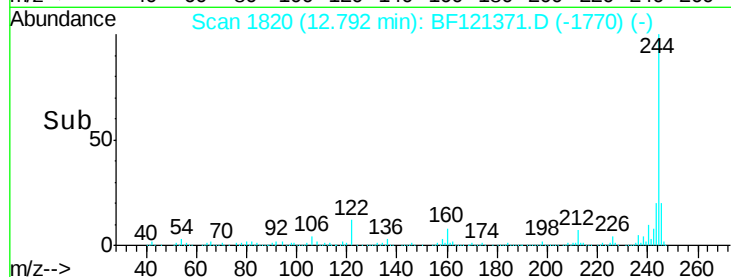
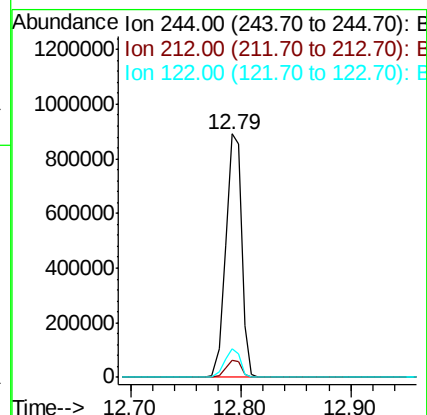
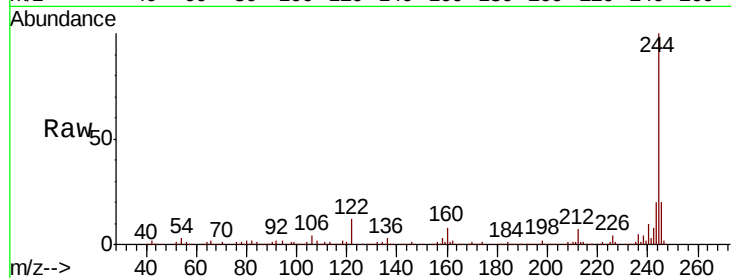




#79
 Terphenyl-d14
 Concen: 46.710 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF121371.D
 Acq: 21 Aug 2020 17:10

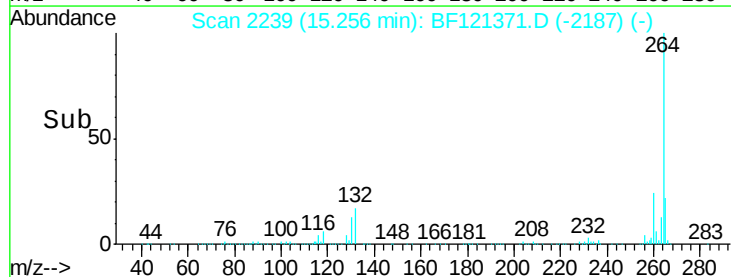
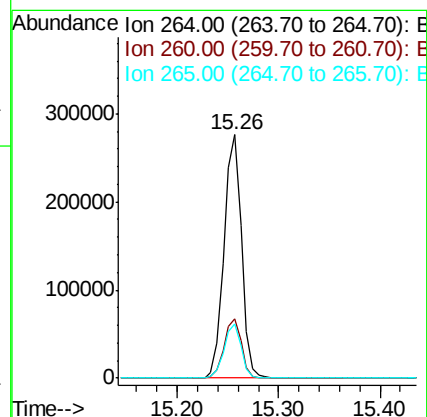
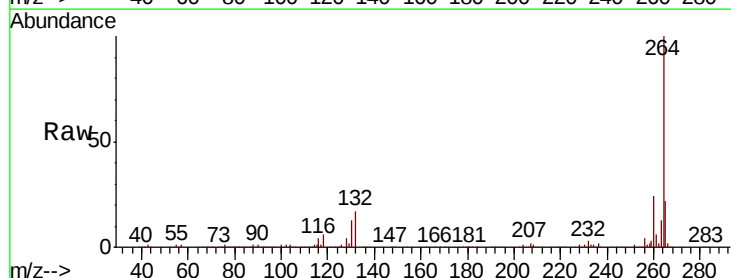
Instrument :
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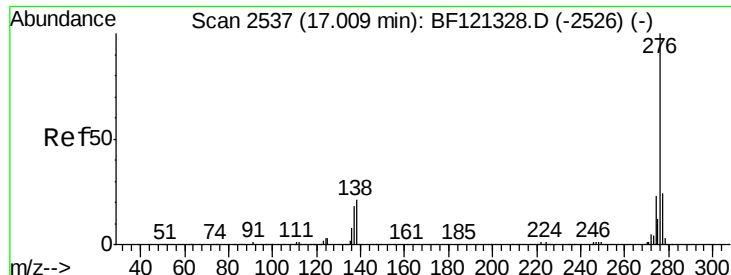
Tot Ion:244 Resp: 900678
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 11.9 7.8 11.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.26 min Scan# 2239
 Delta R.T. 0.01 min
 Lab File: BF121371.D
 Acq: 21 Aug 2020 17:10

Tgt Ion:264 Resp: 331831
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.5 29.3
 265 22.3 17.1 25.7





#92

Benzo(a,h,i)perylene

Concen: 2.710 ng

RT: 17.02 min Scan# 2538

Delta R.T. 0.01 min

Lab File: BF121371.D

Acq: 21 Aug 2020 17:10

Instrument :

BNA_F

ClientSampleId :

COMP-5-(4-5)

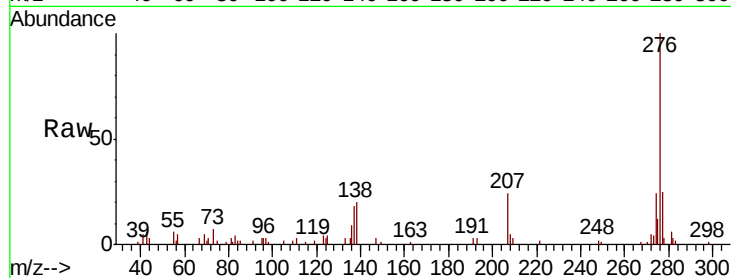
Tot Ion:276 Resp: 44004

Ion Ratio Lower Upper

276 100

277 25.1 19.3 28.9

138 20.3 16.8 25.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

