

Data File : BP001616.D
Acq On : 15 Jan 2020 19:06
Operator : JU
Sample : L1125-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FESB-34-(4.5-5)

Quant Time: Jan 16 06:01:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 14 21:52:04 2020
Response via : Initial Calibration

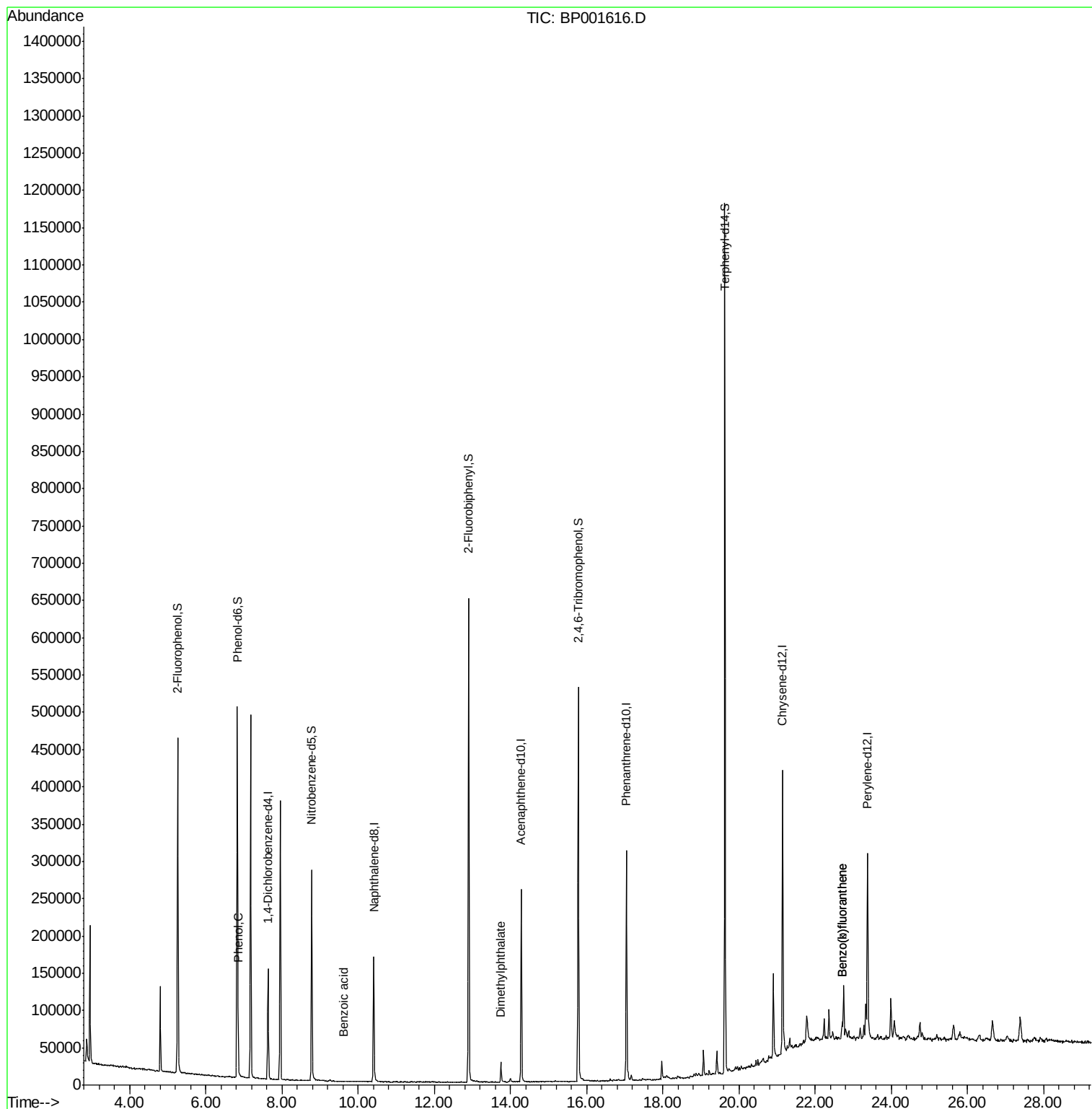
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	33083	20.00	ng	0.00
21) Naphthalene-d8	10.41	136	120026	20.00	ng	0.00
39) Acenaphthene-d10	14.28	164	81342	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	182299	20.00	ng	0.00
76) Chrysene-d12	21.15	240	169940	20.00	ng	-0.01
87) Perylene-d12	23.37	264	179087	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	148986	88.22	ng	0.00
7) Phenol-d6	6.83	99	215603	79.88	ng	0.00
23) Nitrobenzene-d5	8.78	82	149706	54.50	ng	0.00
42) 2,4,6-Tribromophenol	15.78	330	84589	68.32	ng	-0.01
45) 2-Fluorobiphenyl	12.90	172	308674	55.79	ng	0.00
79) Terphenyl-d14	19.63	244	494065	53.18	ng	-0.01
Target Compounds						
10) Phenol	6.85	94	5670	2.031	ng	Qvalue # 80
32) Benzoic acid	9.61	122	6	4.707	ng	90
50) Dimethylphthalate	13.75	163	18253	2.724	ng	99
88) Benzo(b)fluoranthene	22.72	252	28412	2.518	ng	# 95
89) Benzo(k)fluoranthene	22.72	252	28412	2.582	ng	# 94

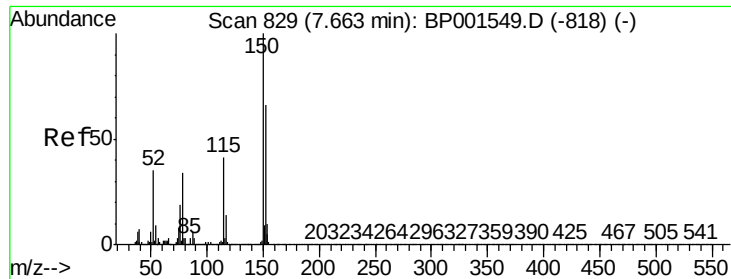
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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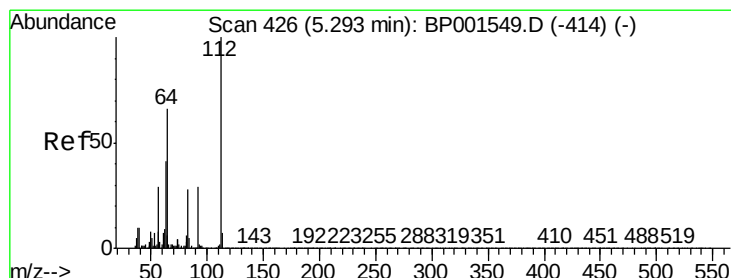
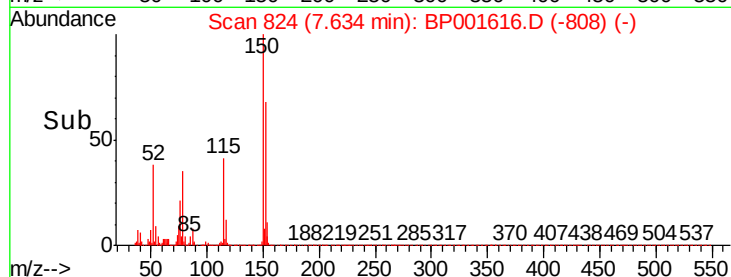
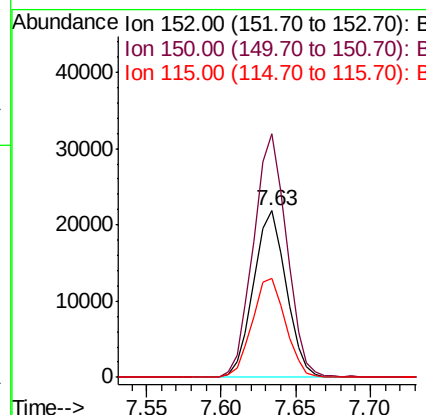
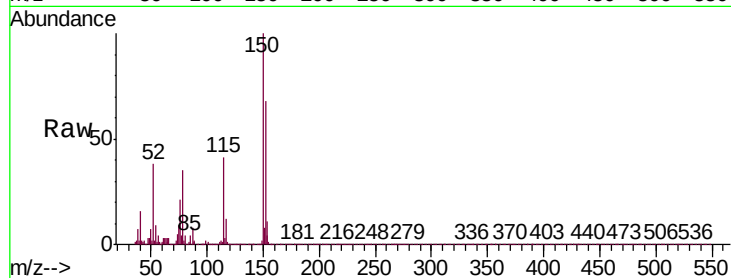




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 824
Delta R.T. -0.01 min
Lab File: BP001616.D
Acq: 15 Jan 2020 19:06

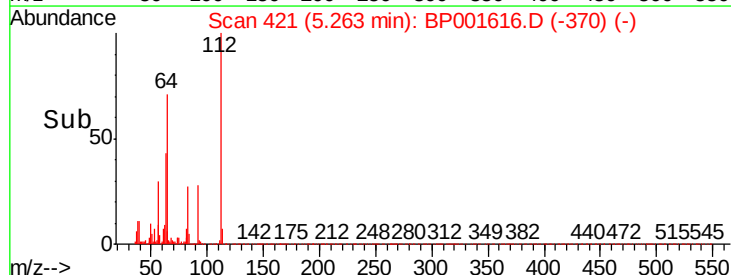
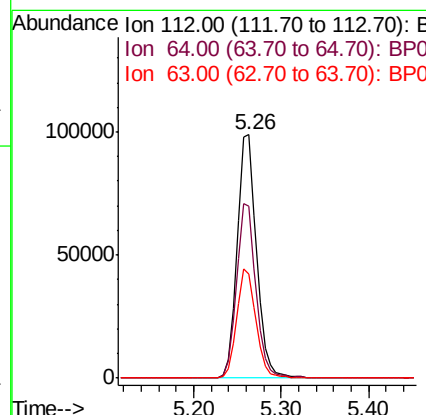
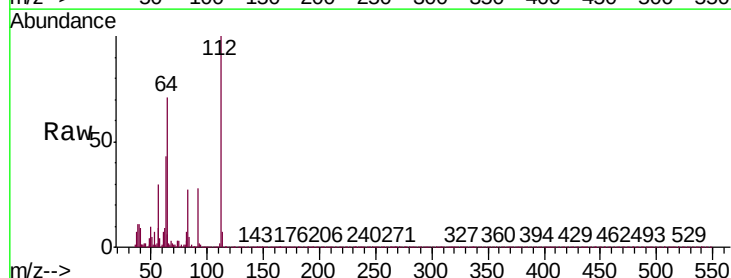
Instrument :
BNA_P
ClientSampleId :
FESB-34-(4.5-5)

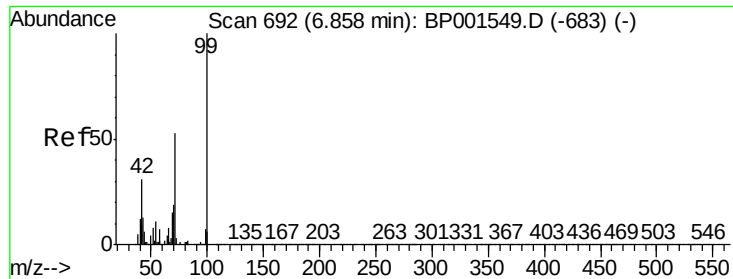
Tgt Ion:152 Resp: 33083
Ion Ratio Lower Upper
152 100
150 146.4 122.0 183.0
115 59.5 50.7 76.1



#5
2-Fluorophenol
Concen: 88.217 ng
RT: 5.26 min Scan# 421
Delta R.T. -0.00 min
Lab File: BP001616.D
Acq: 15 Jan 2020 19:06

Tgt Ion:112 Resp: 148986
Ion Ratio Lower Upper
112 100
64 70.5 52.8 79.2
63 42.8 33.1 49.7





#7

Phenol-d6

Concen: 79.879 ng

RT: 6.83 min Scan# 687

Delta R.T. -0.01 min

Lab File: BP001616.D

Acq: 15 Jan 2020 19:06

Instrument :

BNA_P

ClientSampleId :

FESB-34-(4.5-5)

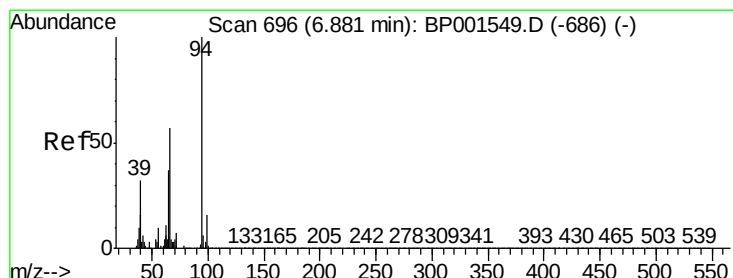
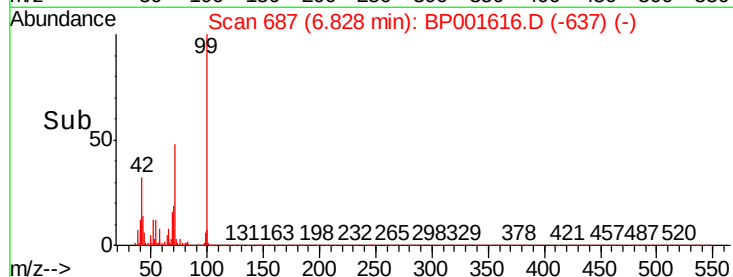
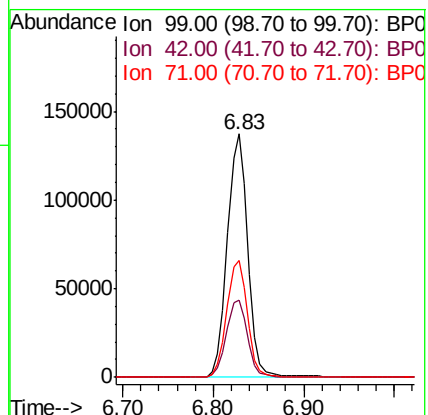
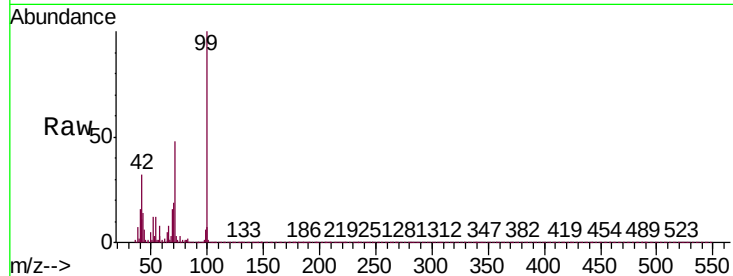
Tgt Ion: 99 Resp: 215603

Ion Ratio Lower Upper

99 100

42 31.5 24.5 36.7

71 48.2 42.4 63.6



#10

Phenol

Concen: 2.031 ng

RT: 6.85 min Scan# 691

Delta R.T. -0.01 min

Lab File: BP001616.D

Acq: 15 Jan 2020 19:06

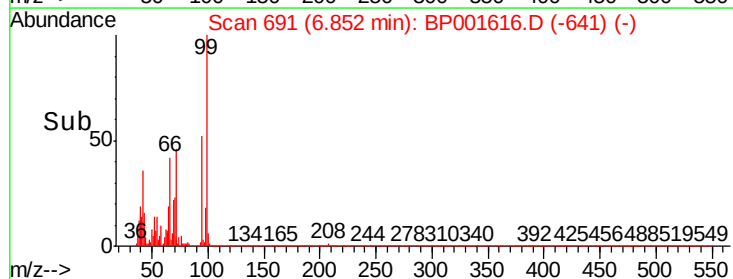
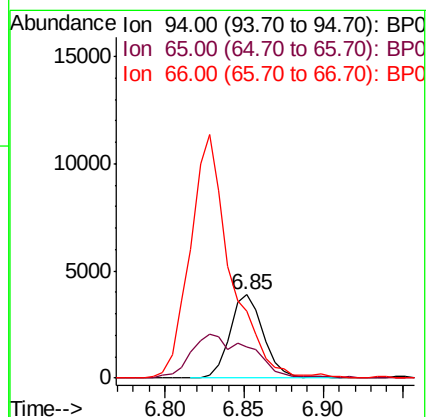
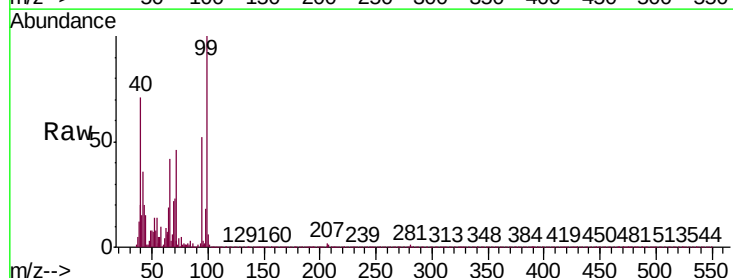
Tgt Ion: 94 Resp: 5670

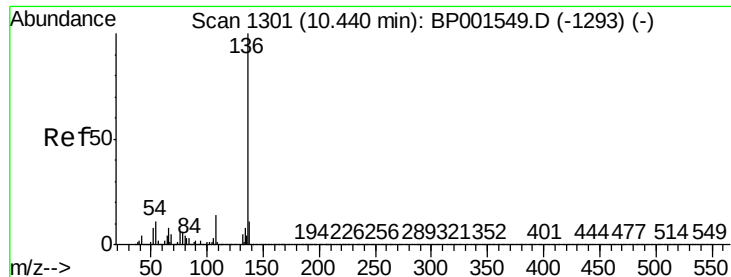
Ion Ratio Lower Upper

94 100

65 37.1 17.5 57.5

66 80.2 36.7 76.7#

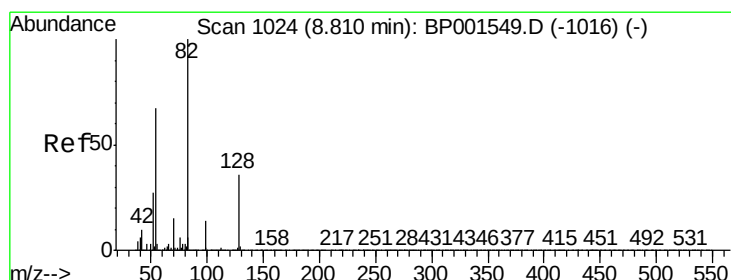
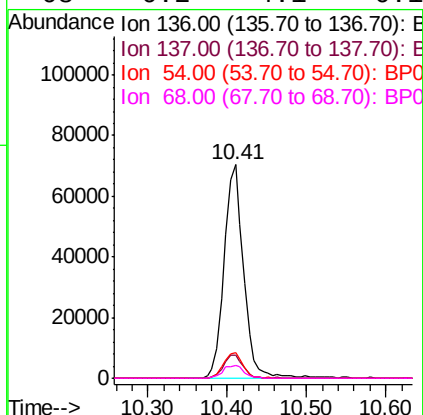
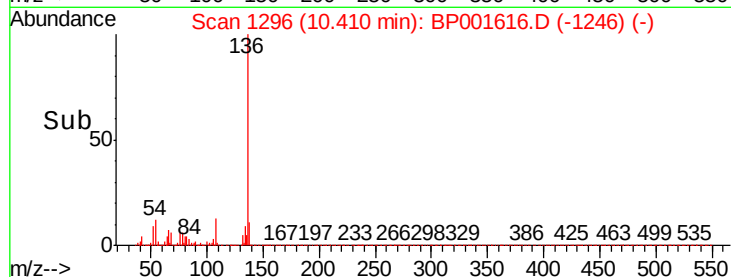
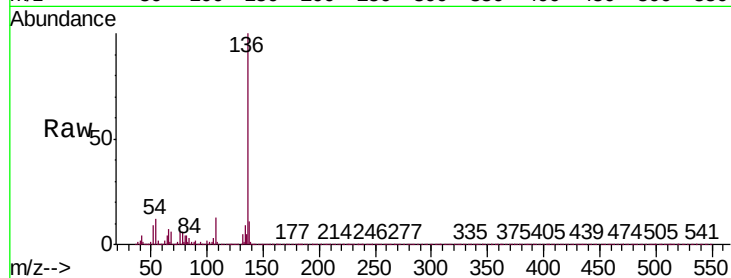




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.41 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BP001616.D
Acq: 15 Jan 2020 19:06

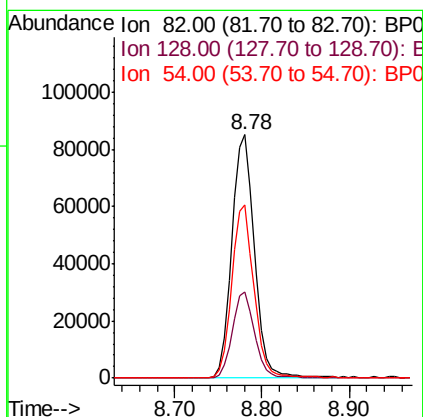
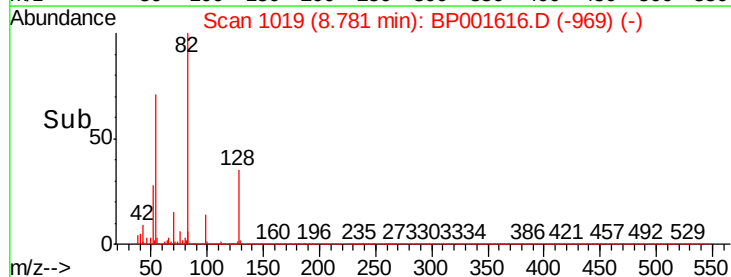
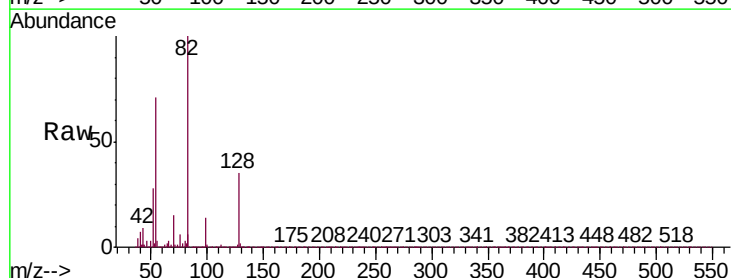
Instrument :
BNA_P
ClientSampleId :
FESB-34-(4.5-5)

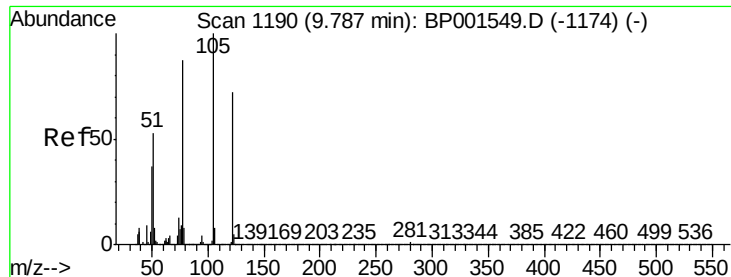
Tgt Ion:	136	Resp:	120026
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	12.3	9.2	13.8
68	6.2	4.1	6.1#



#23
Nitrobenzene-d5
Concen: 54.503 ng
RT: 8.78 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BP001616.D
Acq: 15 Jan 2020 19:06

Tgt Ion:	82	Resp:	149706
Ion	Ratio	Lower	Upper
82	100		
128	35.3	28.4	42.6
54	71.0	53.4	80.2

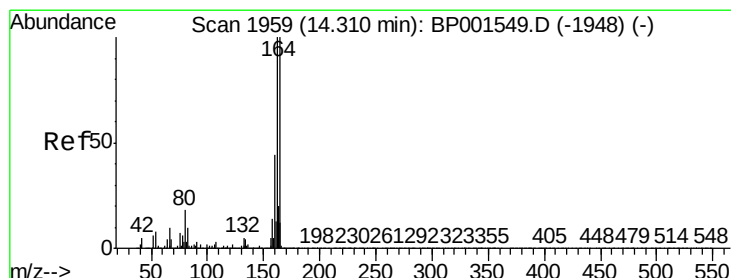
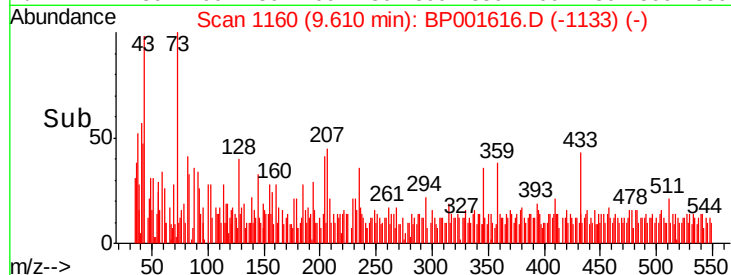
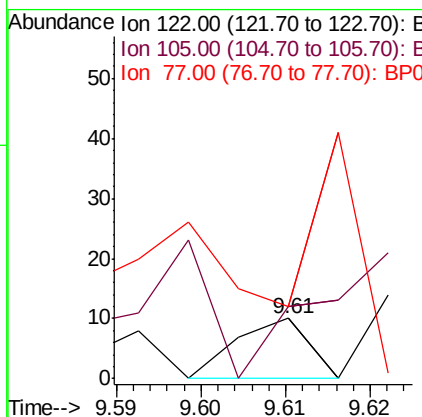
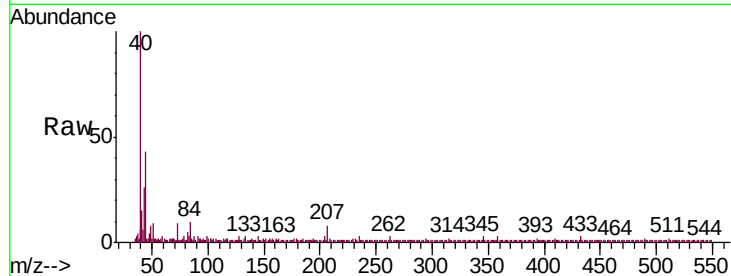




#32
Benzoic acid
Concen: 4.707 ng
RT: 9.61 min Scan# 1160
Delta R.T. -0.14 min
Lab File: BP001616.D
Acq: 15 Jan 2020 19:06

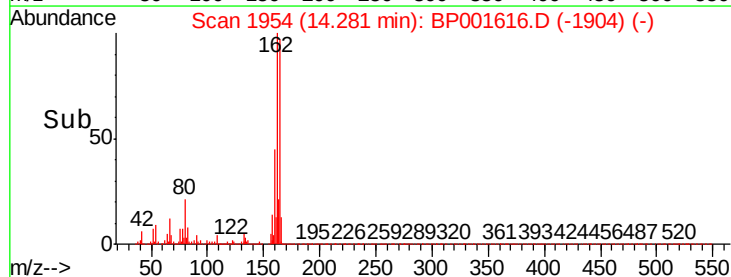
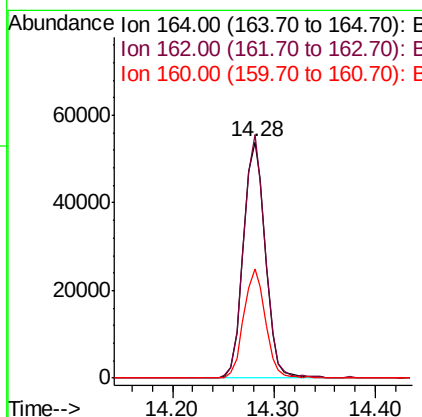
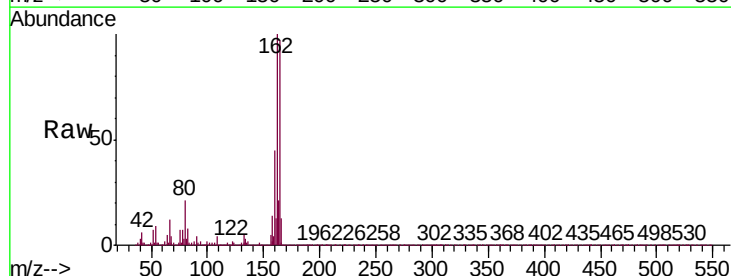
Instrument :
BNA_P
ClientSampleId :
FESB-34-(4.5-5)

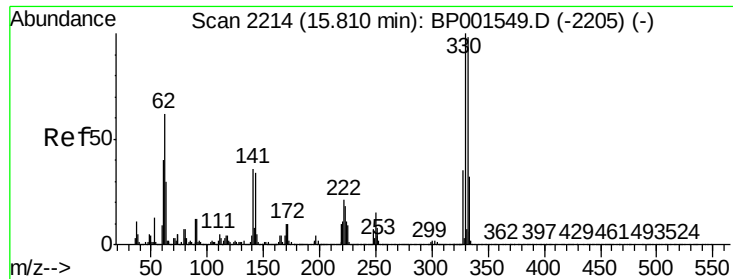
Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.0	119.5	159.5
77	120.0	102.8	142.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.28 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BP001616.D
Acq: 15 Jan 2020 19:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	79.8	119.6
160	46.2	35.0	52.6

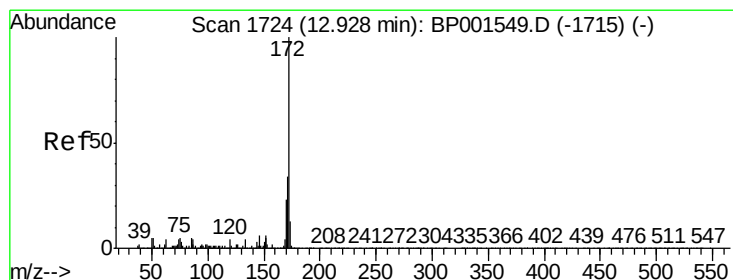
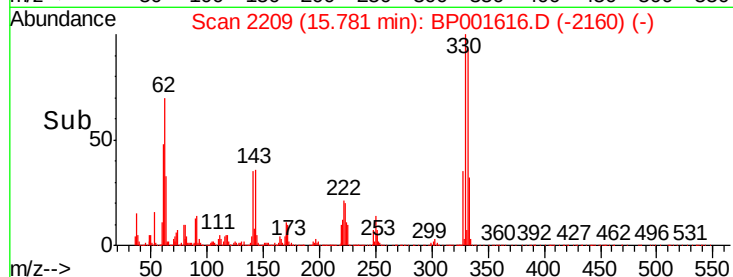
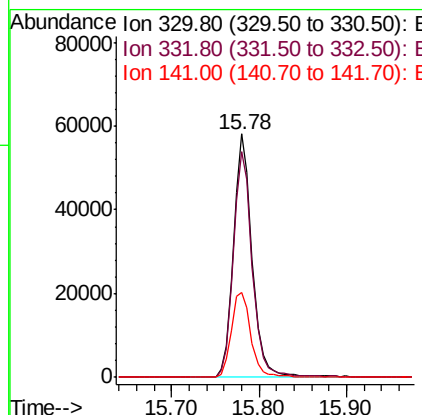
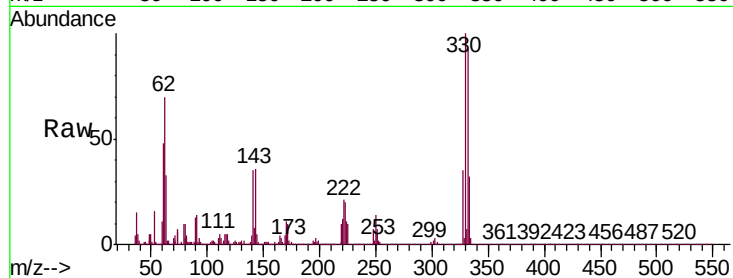




#42
 2,4,6-Tribromophenol
 Concen: 68.317 ng
 RT: 15.78 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: BP001616.D
 Acq: 15 Jan 2020 19:06

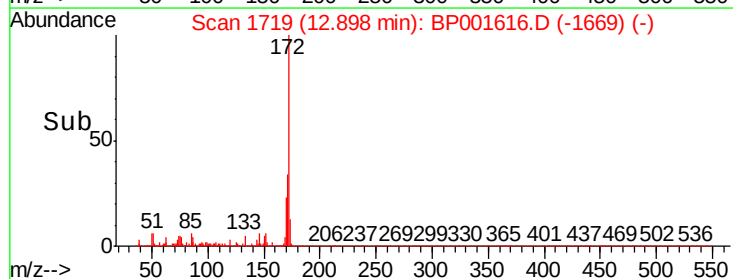
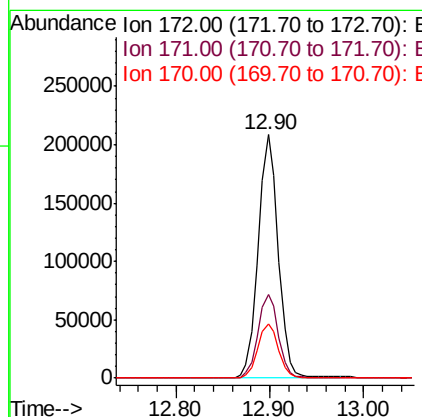
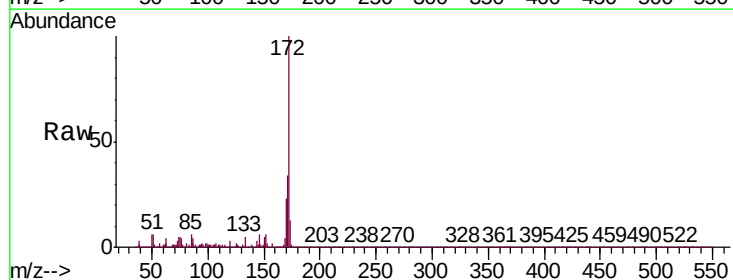
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 FESB-34-(4.5-5)

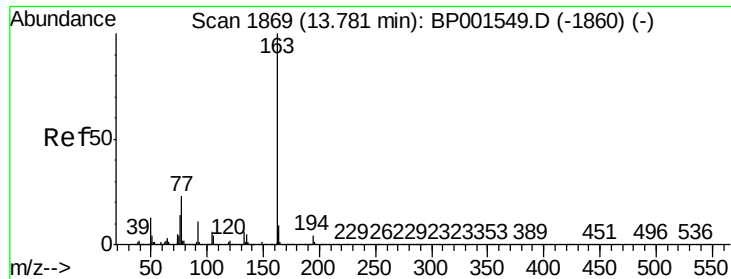
Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.7	77.8	116.6
141	36.8	28.7	43.1



#45
 2-Fluorobiphenyl
 Concen: 55.793 ng
 RT: 12.90 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BP001616.D
 Acq: 15 Jan 2020 19:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.1	27.6	41.4
170	22.5	18.3	27.5

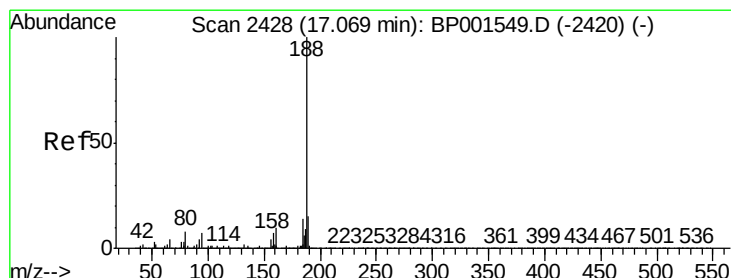
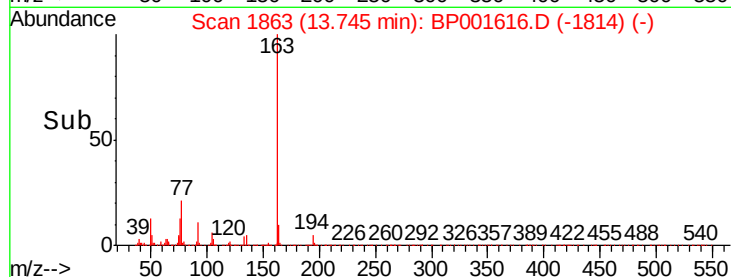
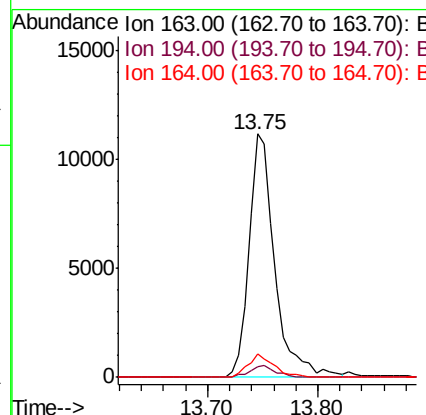
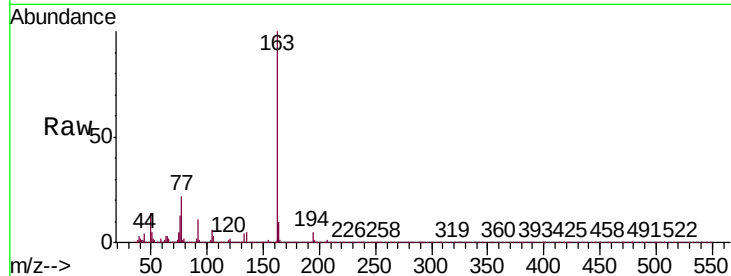




#50
Dimethylphthalate
Concen: 2.724 ng
RT: 13.75 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BP001616.D
Acq: 15 Jan 2020 19:06

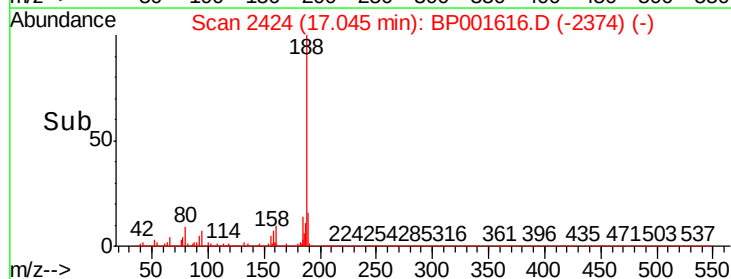
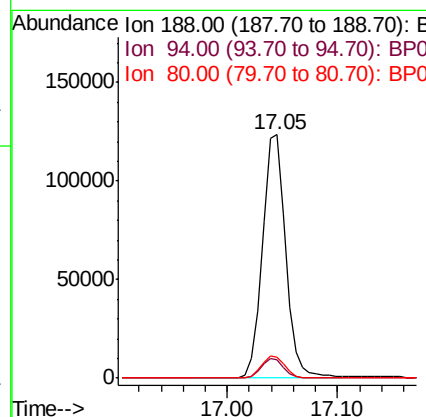
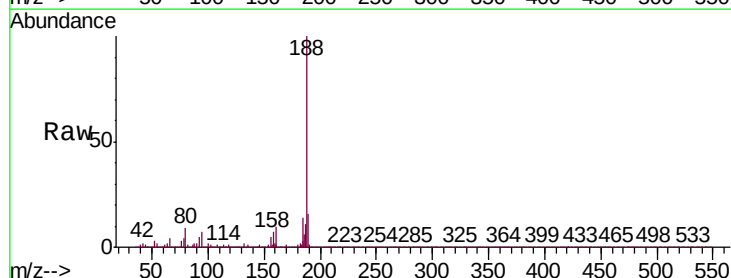
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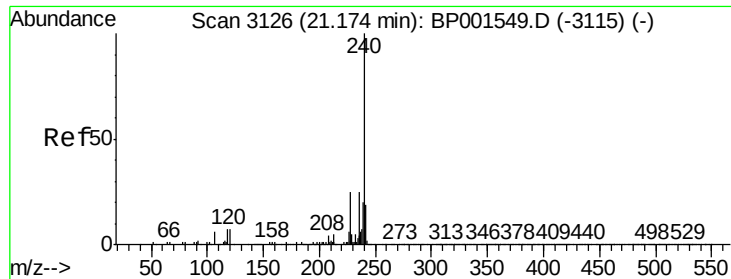
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.6	5.4
164	9.8	7.5	11.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2424
Delta R.T. -0.01 min
Lab File: BP001616.D
Acq: 15 Jan 2020 19:06

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.5	5.9	8.9
80	8.6	6.8	10.2

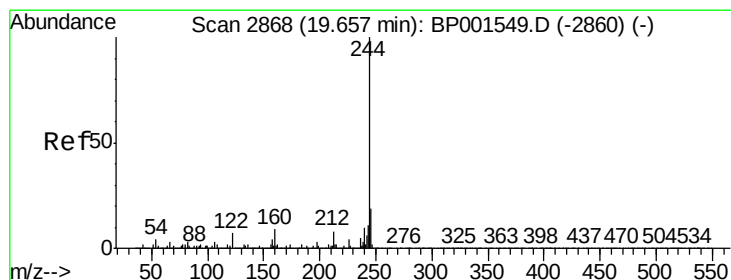
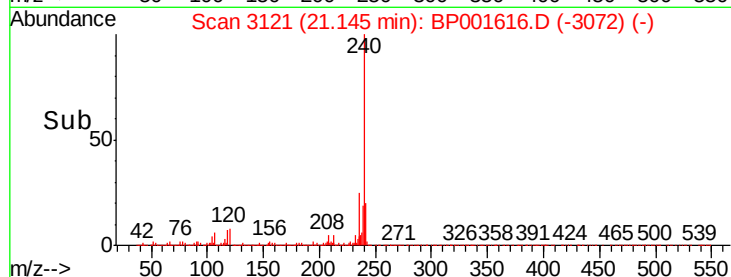
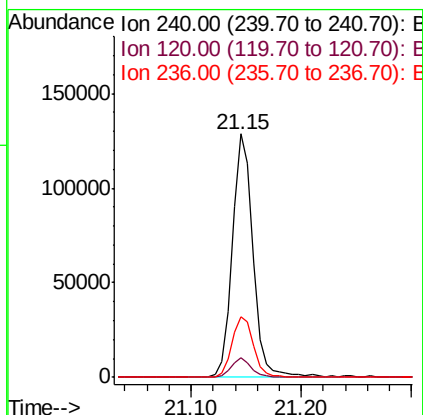
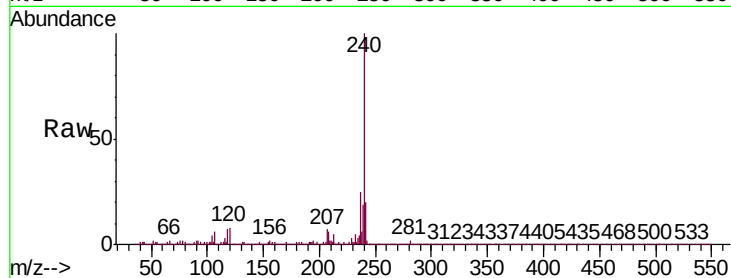




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.15 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BP001616.D
Acq: 15 Jan 2020 19:06

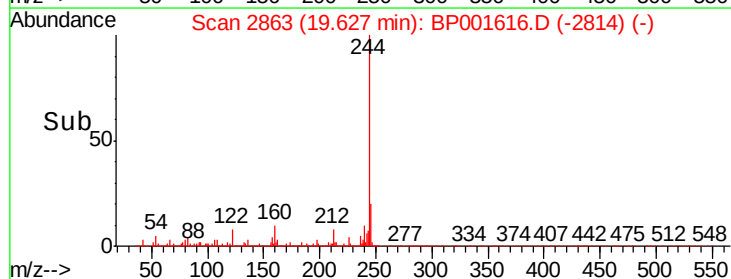
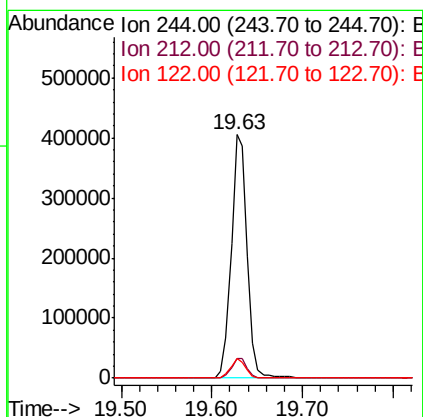
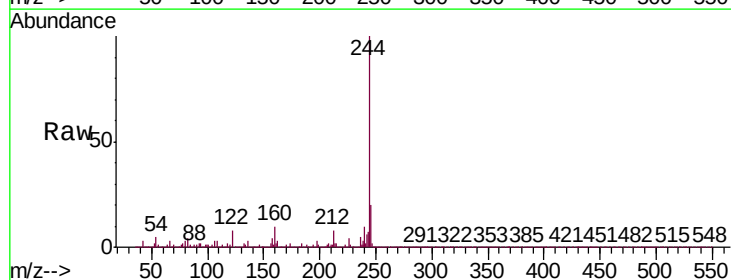
Instrument :
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FESB-34-(4.5-5)

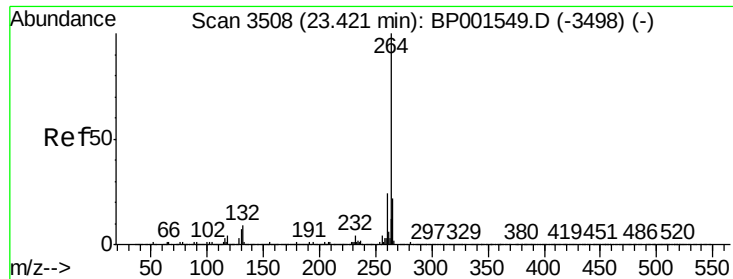
Tgt Ion:240 Resp: 169940
Ion Ratio Lower Upper
240 100
120 7.8 5.7 8.5
236 25.1 20.4 30.6



#79
Terphenyl-d14
Concen: 53.175 ng
RT: 19.63 min Scan# 2863
Delta R.T. -0.01 min
Lab File: BP001616.D
Acq: 15 Jan 2020 19:06

Tgt Ion:244 Resp: 494065
Ion Ratio Lower Upper
244 100
212 8.2 6.3 9.5
122 8.0 5.8 8.6





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.37 min Scan# 3500

Delta R.T. -0.02 min

Lab File: BP001616.D

Acq: 15 Jan 2020 19:06

Instrument :

BNA_P

ClientSampleId :

FESB-34-(4.5-5)

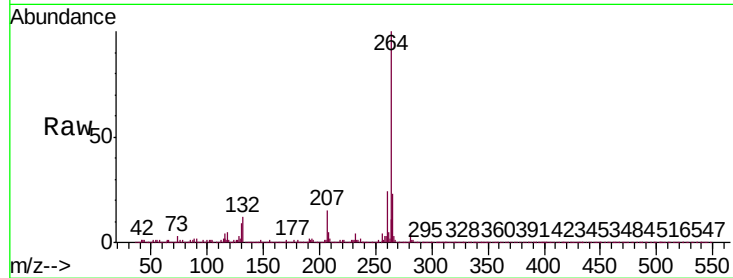
Tgt Ion:264 Resp: 179087

Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.6

265 23.0 18.2 27.4

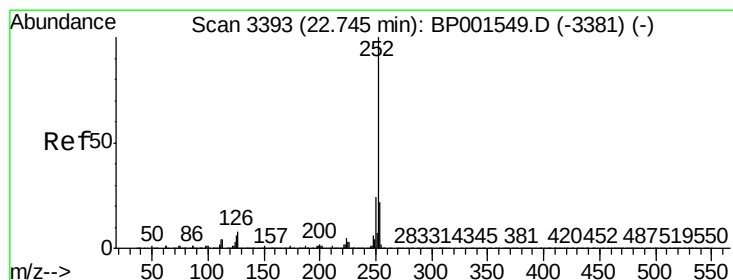
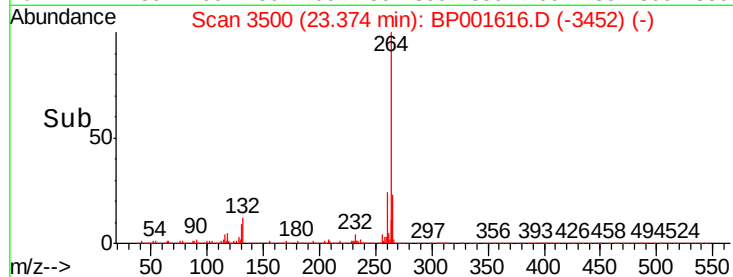
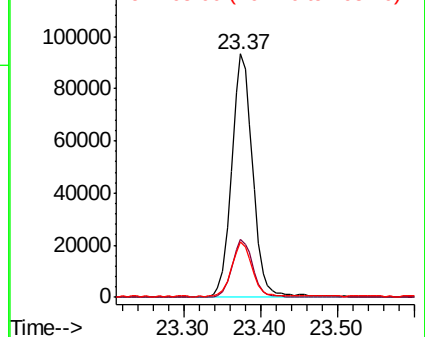


Abundance

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



#88

Benzo(b)fluoranthene

Concen: 2.518 ng

RT: 22.72 min Scan# 3388

Delta R.T. -0.01 min

Lab File: BP001616.D

Acq: 15 Jan 2020 19:06

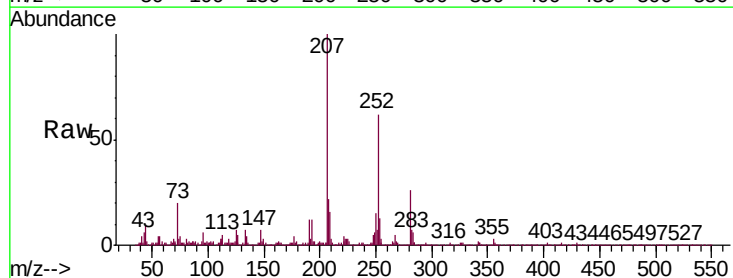
Tgt Ion:252 Resp: 28412

Ion Ratio Lower Upper

252 100

253 20.8 17.6 26.4

125 10.7 4.6 7.0#

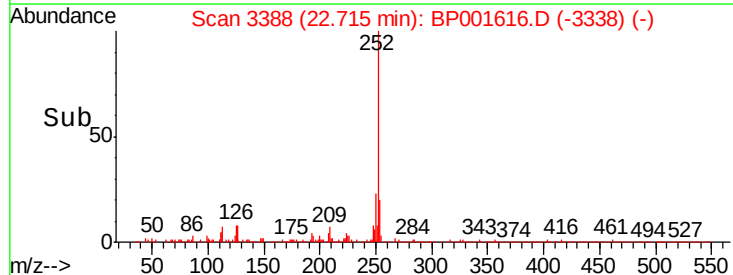
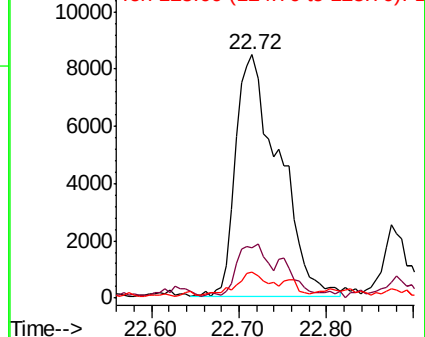


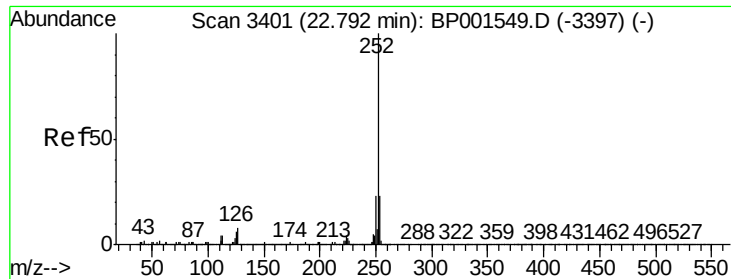
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 2.582 ng

RT: 22.72 min Scan# 3388

Delta R.T. -0.05 min

Lab File: BP001616.D

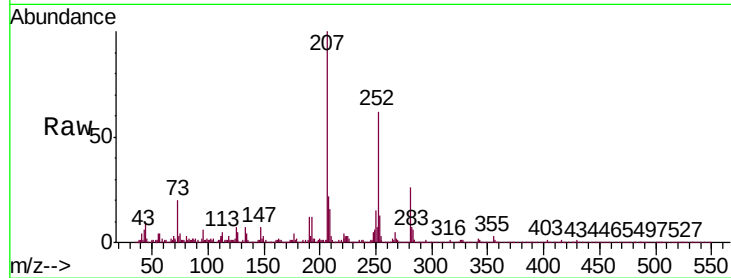
Acq: 15 Jan 2020 19:06

Instrument :

BNA_P

ClientSampleId :

FESB-34-(4.5-5)



Tgt Ion:	252	Resp:	28412
Ion	Ratio	Lower	Upper
252	100		
253	20.8	18.2	27.2
125	10.7	4.6	6.8#

