

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
 Data File : BF112858.D
 Acq On : 5 Mar 2019 17:56
 Operator : JU/SJ
 Sample : K1729-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RICH-REC-ROAD-STONE-10

Manual Integrations
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Sohil
 3/6/2019 12:24:25 PM

Quant Time: Mar 06 03:34:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	187726	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	733737	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	358494	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	724082	20.00	ng	0.00
76) Chrysene-d12	13.87	240	535876	20.00	ng	0.00
87) Perylene-d12	15.29	264	512760	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	164822	13.66	ng	0.00
7) Phenol-d6	6.37	99	827899	54.61	ng	0.00
23) Nitrobenzene-d5	7.30	82	763510	62.27	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	2507	0.66	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1487833	64.53	ng	0.00
79) Terphenyl-d14	12.83	244	1593812	57.66	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.49	163	85486	3.234	ng	100
71) Phenanthrene	11.27	178	130148	3.613	ng	99
75) Fluoranthene	12.45	202	214223	5.550	ng	96
78) Pyrene	12.68	202	161435	3.573	ng	98
88) Benzo(b)fluoranthene	14.88	252	83594m	2.520	ng	

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

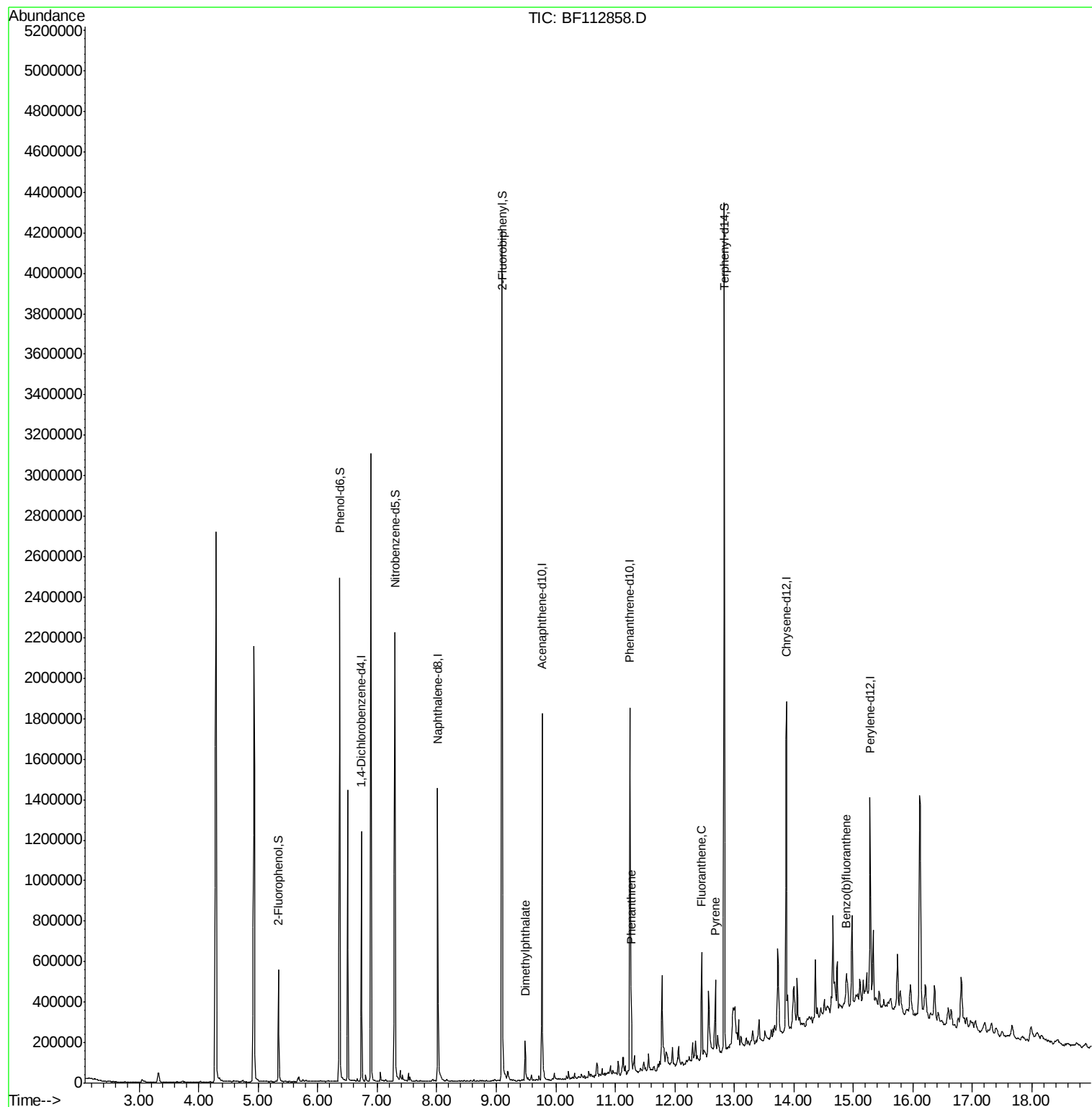
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
Data File : BF112858.D
Acq On : 5 Mar 2019 17:56
Operator : JU/SJ
Sample : K1729-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

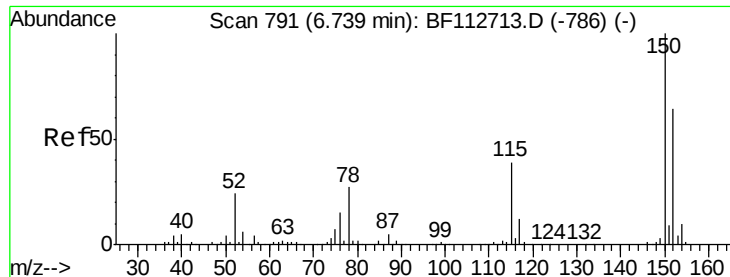
Instrument :
BNA_F
ClientSampleId :
RICH-REC-ROAD-STONE-10

Manual Integrations
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 15:40:43 2019
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#1

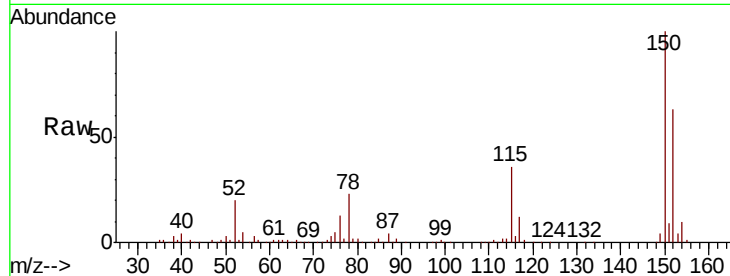
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF112858.D
Acq: 5 Mar 2019 17:56

Instrument :
BNA_F
ClientSampleId :
RICH-REC-ROAD-STONE-10

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.2	186.2
115	57.5	48.2	72.4

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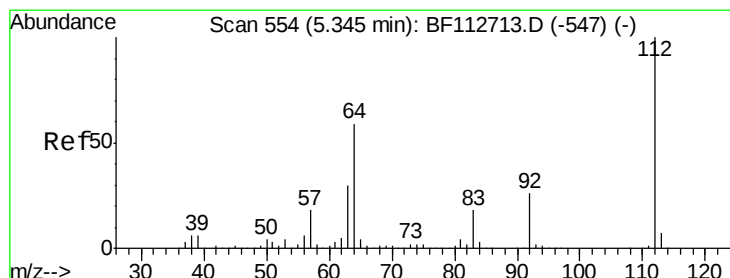
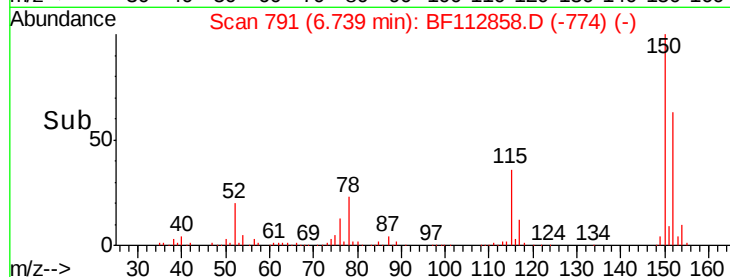
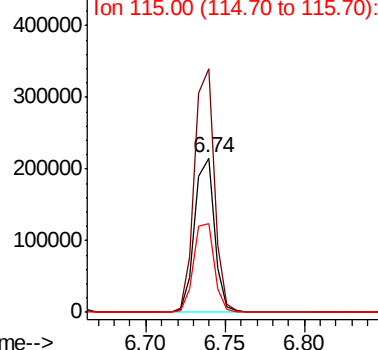


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

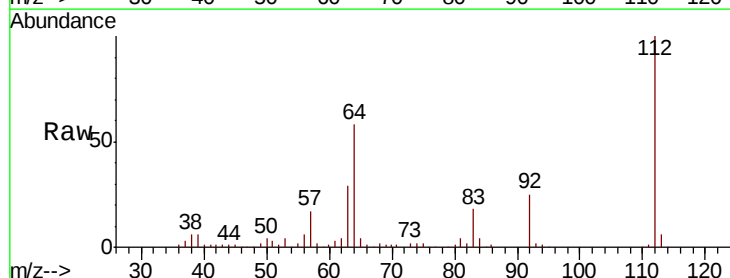
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 13.658 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF112858.D
Acq: 5 Mar 2019 17:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.6	47.6	71.4
63	28.6	24.4	36.6

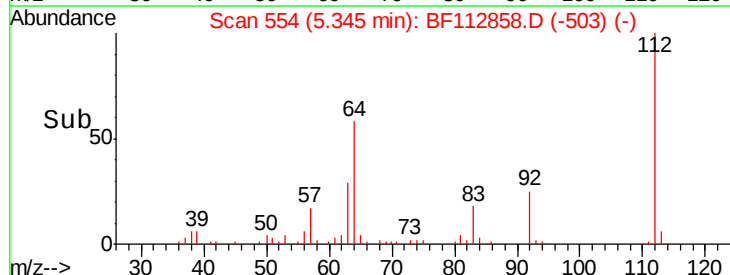
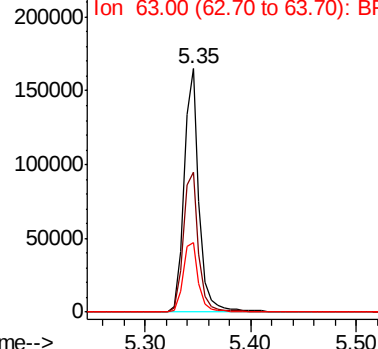


Abundance

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: 54.612 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF112858.D

Acq: 5 Mar 2019 17:56

Instrument :

BNA_F

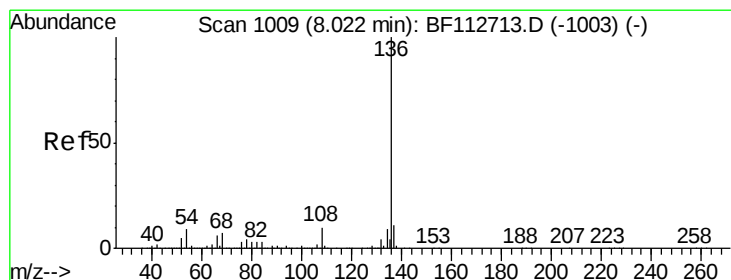
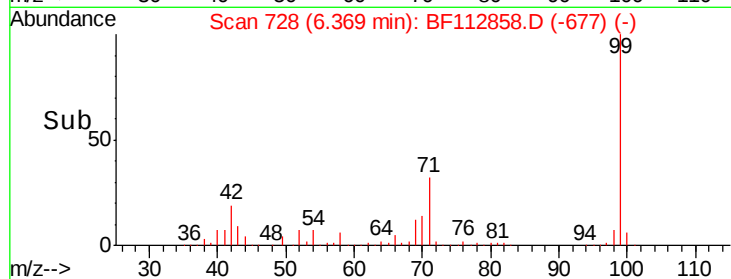
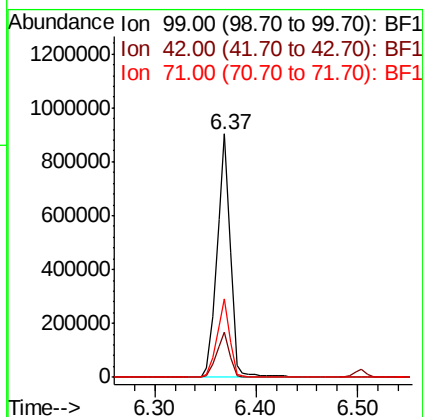
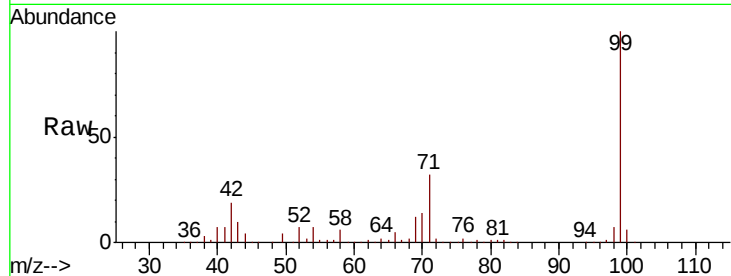
ClientSampleId :

RICH-REC-ROAD-STONE-10

Tot Ion:	99	Resp:	827899
Ion	Ratio	Lower	Upper
99	100		
42	18.5	16.3	24.5
71	32.2	26.2	39.4

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#21

Naphthalene-d8

Concen: 20.000 ng

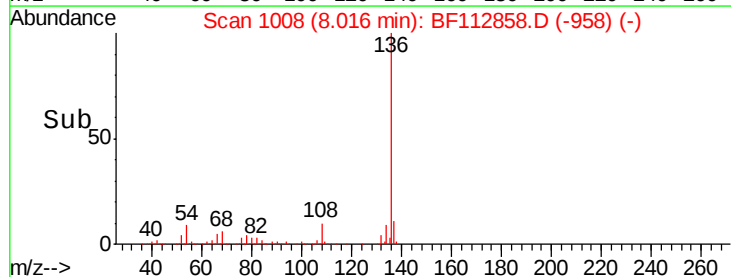
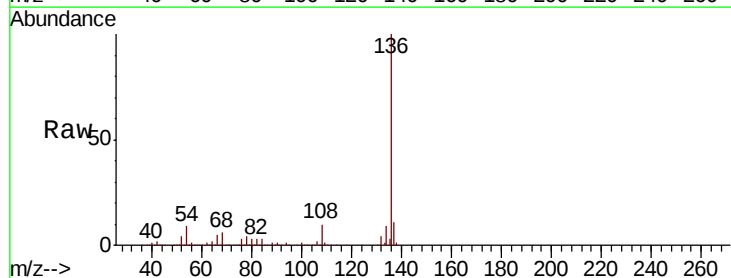
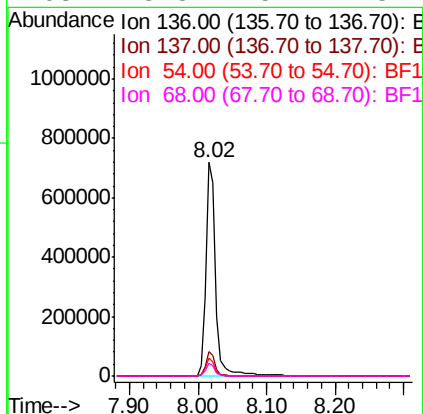
RT: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF112858.D

Acq: 5 Mar 2019 17:56

Tgt Ion:	136	Resp:	733737
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.6	7.3	10.9
68	5.8	5.4	8.2





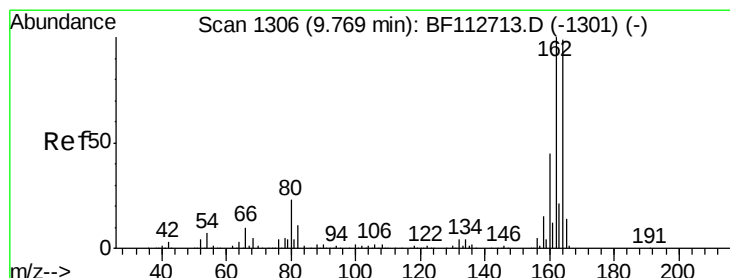
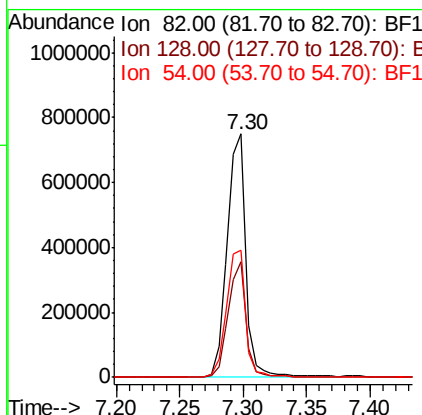
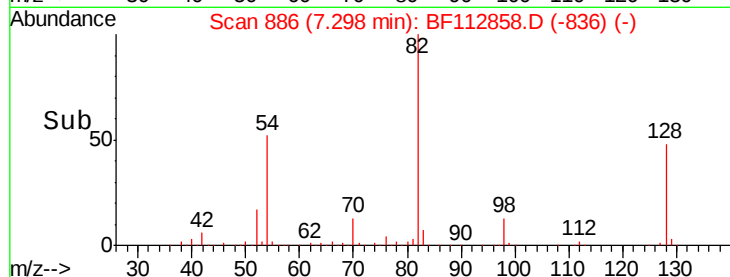
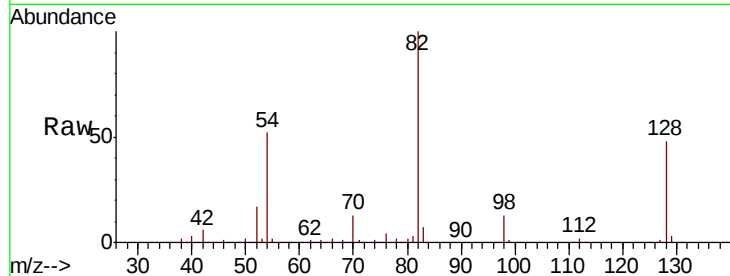
#23
Nitrobenzene-d5
Concen: 62.266 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112858.D
Acq: 5 Mar 2019 17:56

Instrument :
BNA_F
ClientSampleId :
RICH-REC-ROAD-STONE-10

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.7	36.3	54.5
54	52.0	43.7	65.5

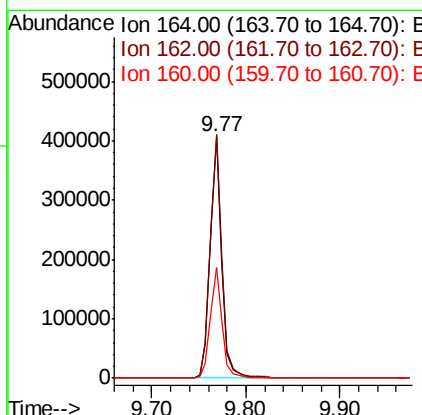
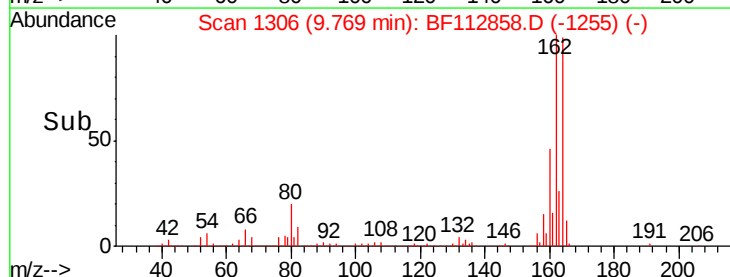
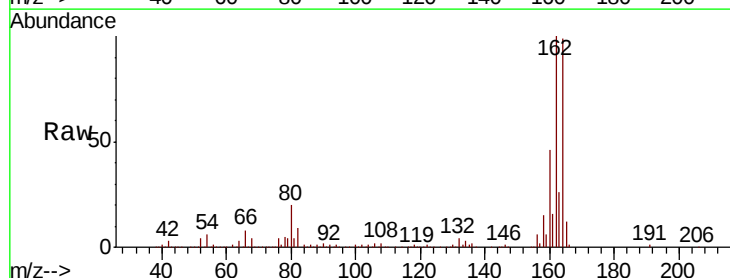
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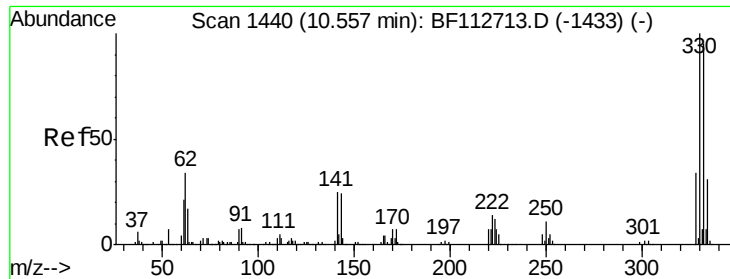
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF112858.D
Acq: 5 Mar 2019 17:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.6	120.8
160	45.9	36.0	54.0





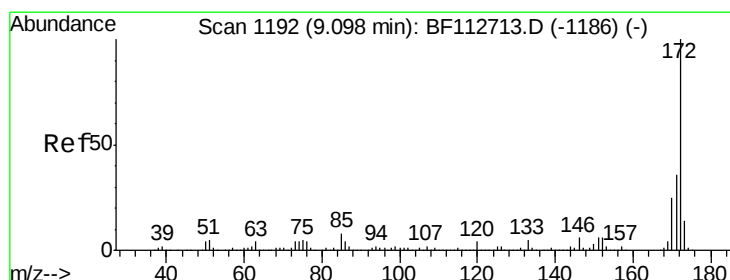
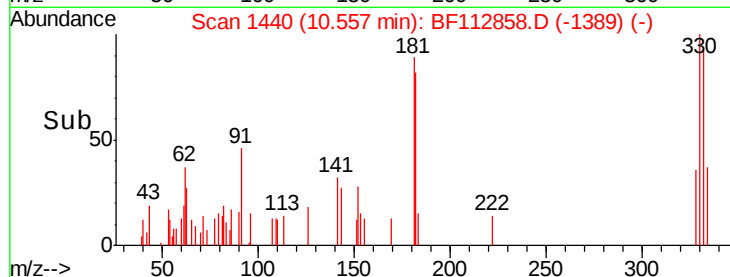
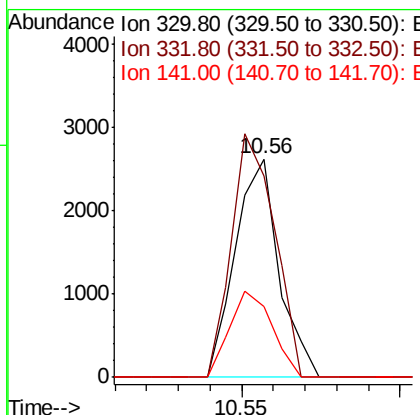
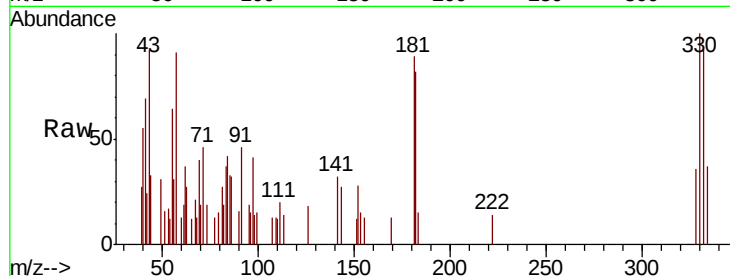
#42
 2,4,6-Tribromophenol
 Concen: 0.659 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF112858.D
 Acq: 5 Mar 2019 17:56

Instrument :
 BNA_F
 ClientSampleId :
 RICH-REC-ROAD-STONE-10

Tot Ion	Ratio	Lower	Upper
330	100		
332	109.3	76.2	114.4
141	37.9	27.0	40.6

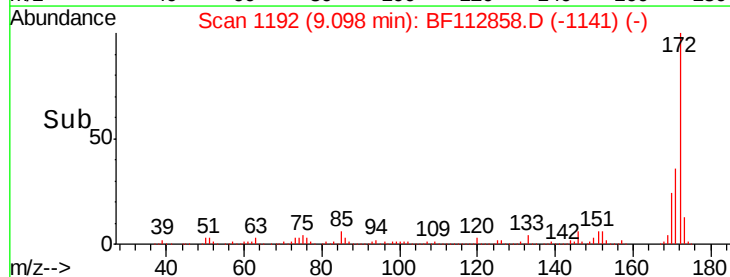
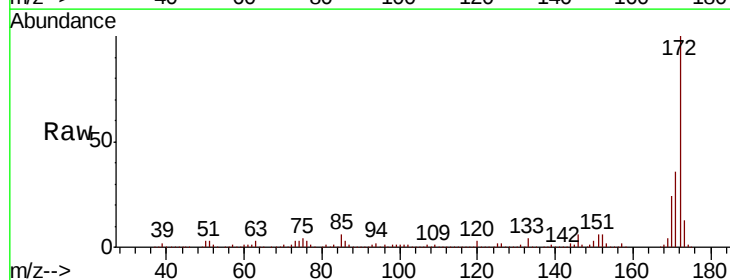
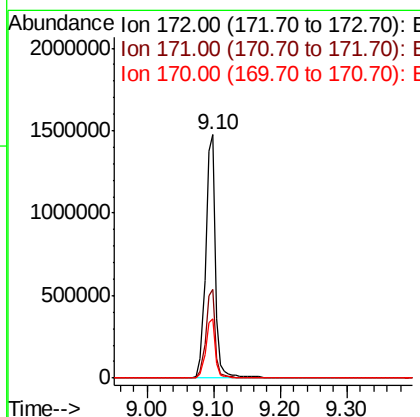
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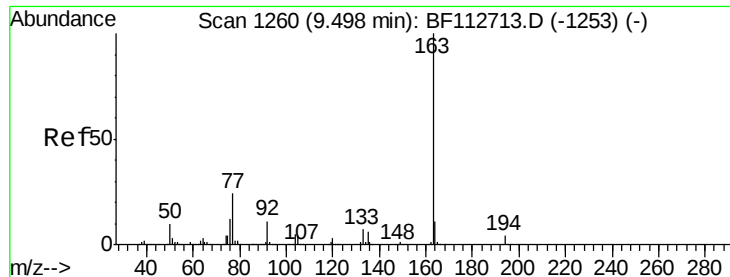
Sohil
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#45
 2-Fluorobiphenyl
 Concen: 64.533 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF112858.D
 Acq: 5 Mar 2019 17:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.4
170	24.1	20.0	30.0





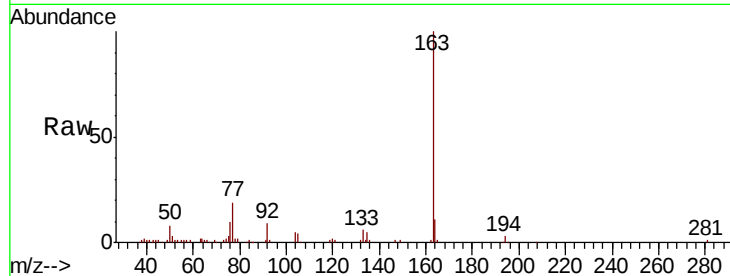
#50
Dimethylphthalate
Concen: 3.234 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF112858.D
Acq: 5 Mar 2019 17:56

Instrument :
BNA_F
ClientSampleId :
RICH-REC-ROAD-STONE-10

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.0	4.4
164	10.5	8.4	12.6

Manual Integrations
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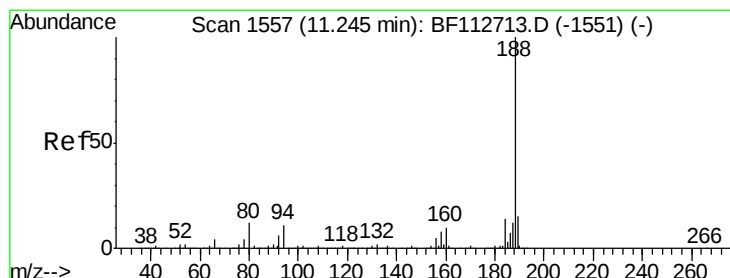
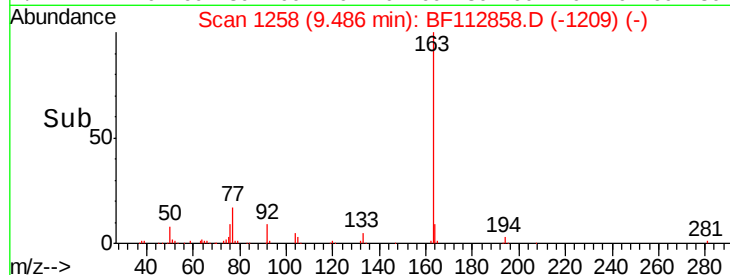
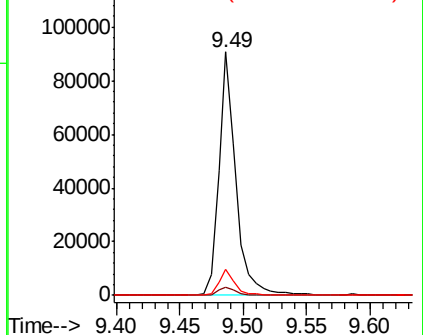


Abundance

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: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF112858.D
Acq: 5 Mar 2019 17:56

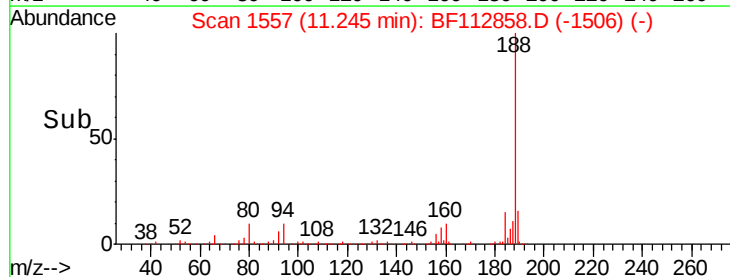
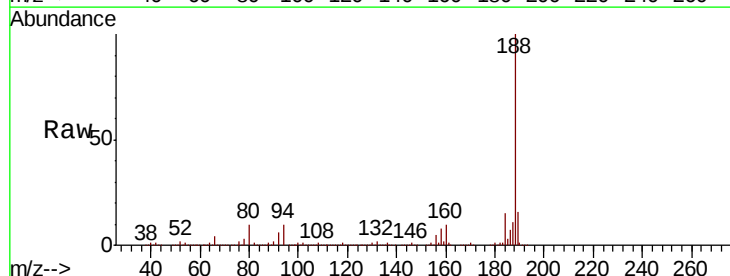
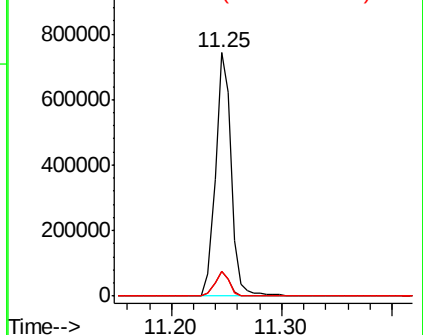
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	9.0	13.4
80	10.3	9.2	13.8

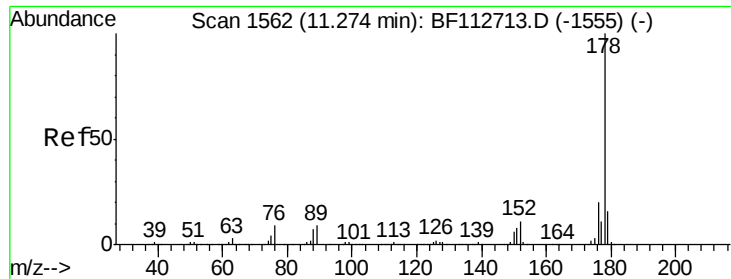
Abundance

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





#71

Phenanthrene

Concen: 3.613 ng

RT: 11.27 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BF112858.D

Acq: 5 Mar 2019 17:56

Instrument :

BNA_F

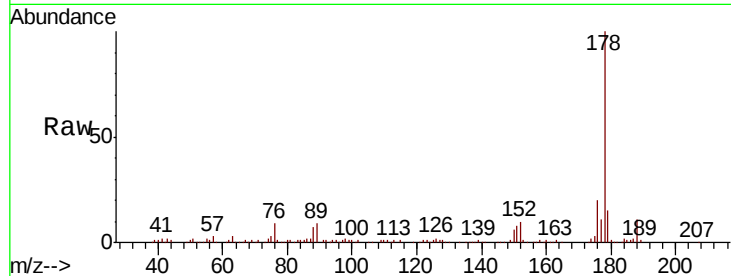
ClientSampleId :

RICH-REC-ROAD-STONE-10

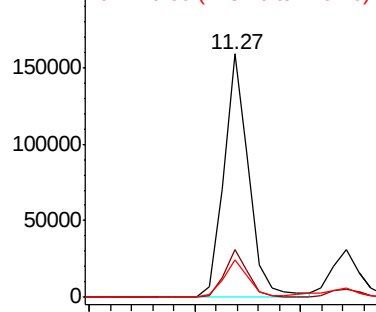
Tot Ion:	178	Resp:	130148
Ion Ratio	Lower	Upper	
178	100		
176	19.9	16.3	24.5
179	15.4	12.7	19.1

Manual Integrations
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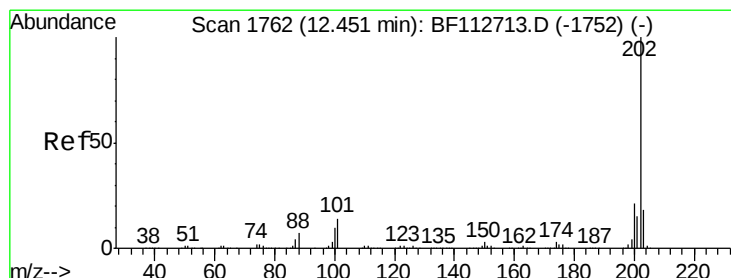
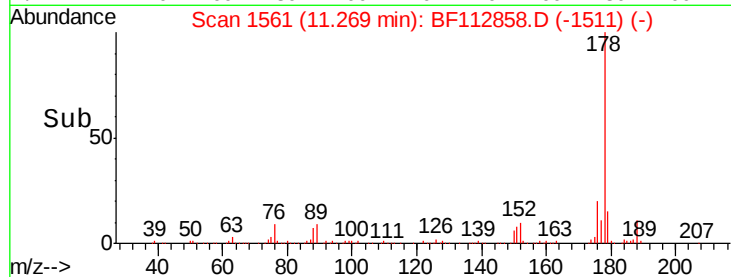
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



Time--> 11.20 11.25 11.30



#75

Fluoranthene

Concen: 5.550 ng

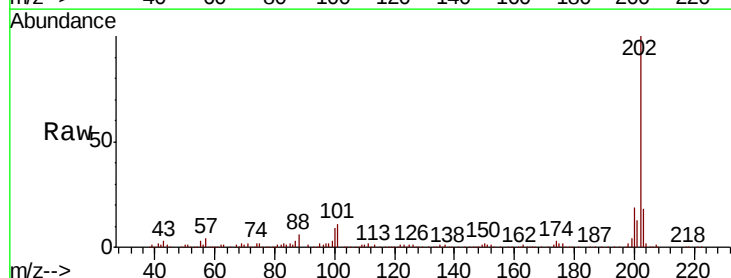
RT: 12.45 min Scan# 1762

Delta R.T. 0.00 min

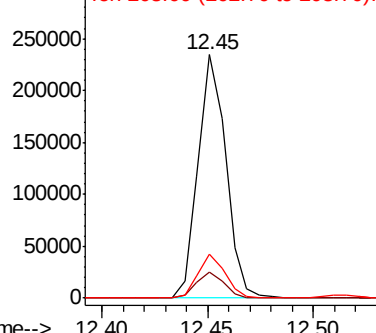
Lab File: BF112858.D

Acq: 5 Mar 2019 17:56

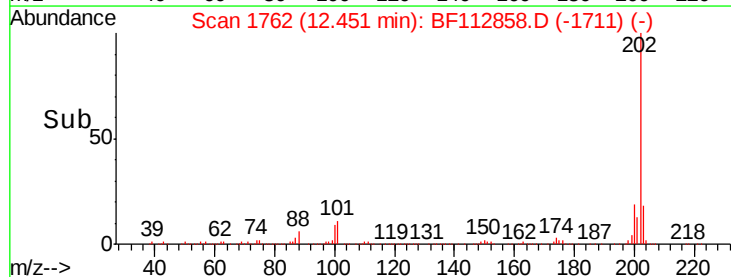
Tgt Ion:	202	Resp:	214223
Ion Ratio	Lower	Upper	
202	100		
101	10.6	0.0	33.8
203	18.0	0.0	38.4

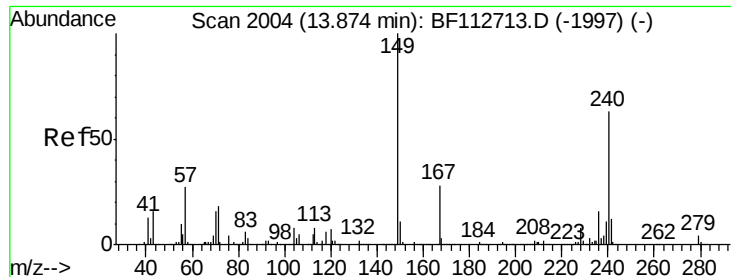


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time--> 12.40 12.45 12.50





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BF112858.D

Acq: 5 Mar 2019 17:56

Instrument :

BNA_F

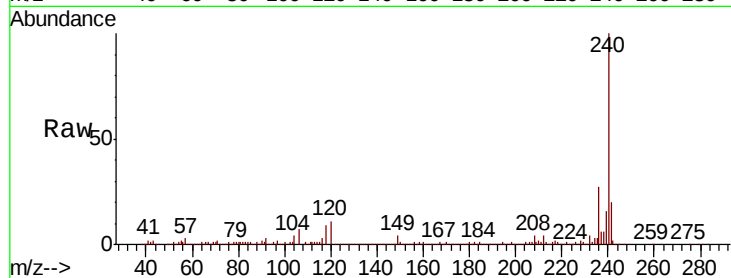
ClientSampleId :

RICH-REC-ROAD-STONE-10

Tot Ion:	240	Resp:	535876
Ion Ratio	Lower	Upper	
240	100		
120	11.0	8.9	13.3
236	26.7	20.7	31.1

Manual Integrations
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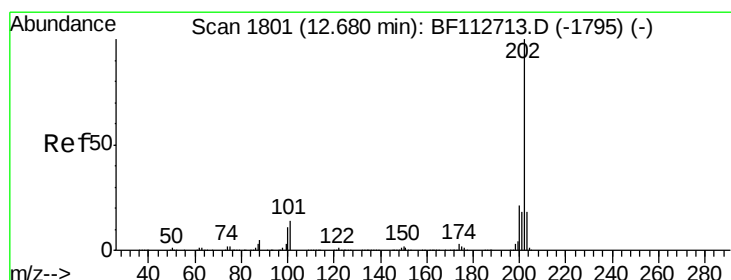
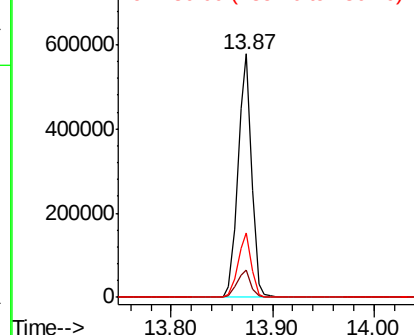
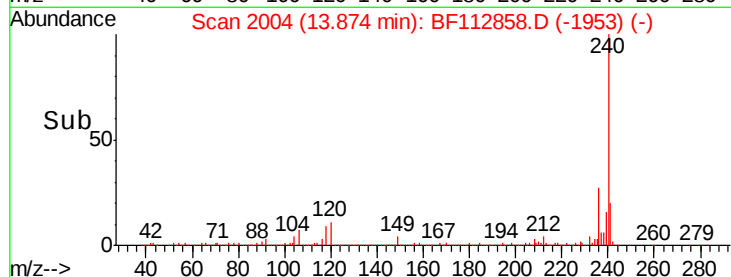


Abundance

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: 3.573 ng

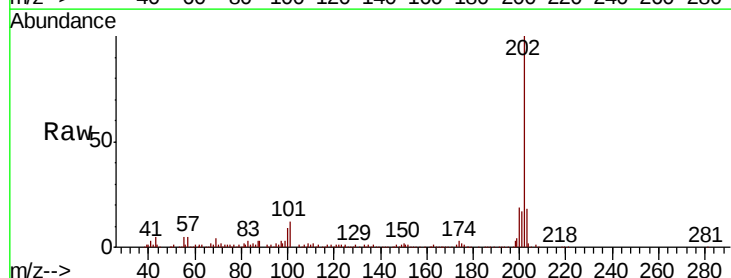
RT: 12.68 min Scan# 1801

Delta R.T. 0.00 min

Lab File: BF112858.D

Acq: 5 Mar 2019 17:56

Tgt Ion:	202	Resp:	161435
Ion Ratio	Lower	Upper	
202	100		
200	19.4	17.0	25.4
203	17.6	14.4	21.6

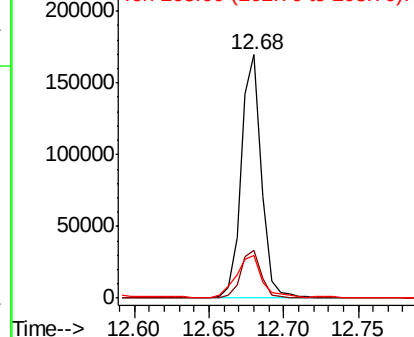
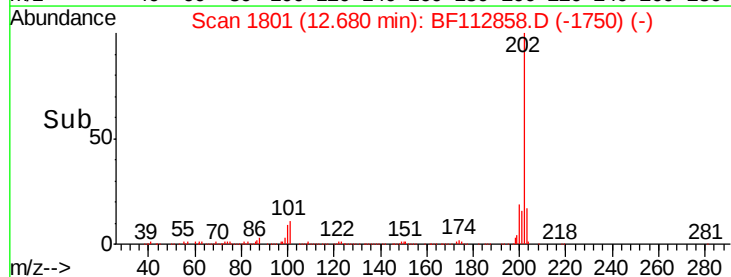


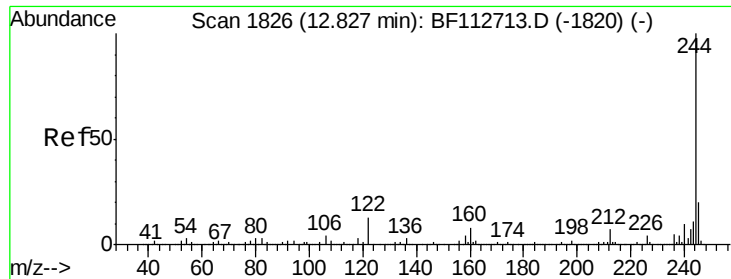
Abundance

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





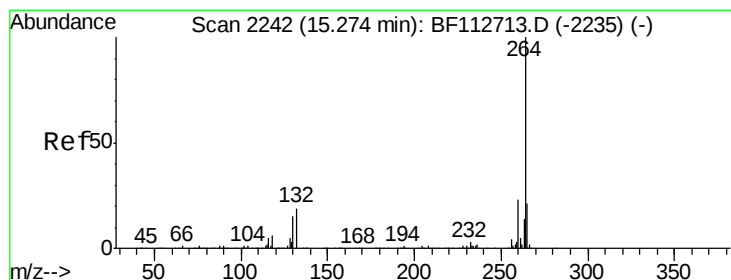
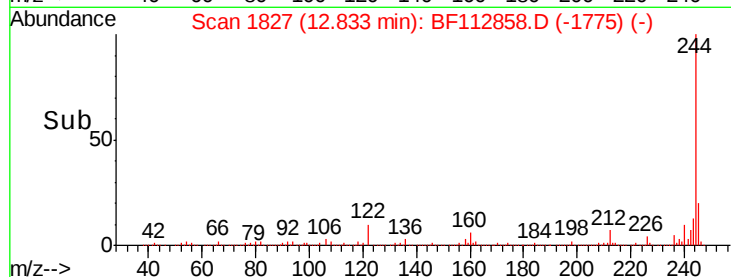
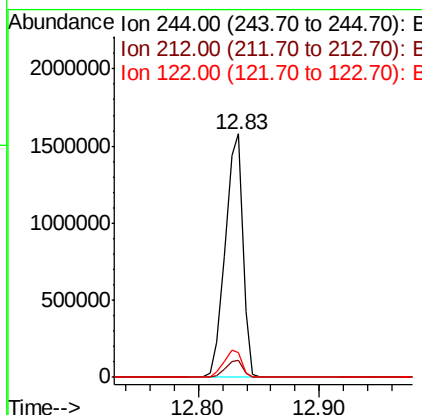
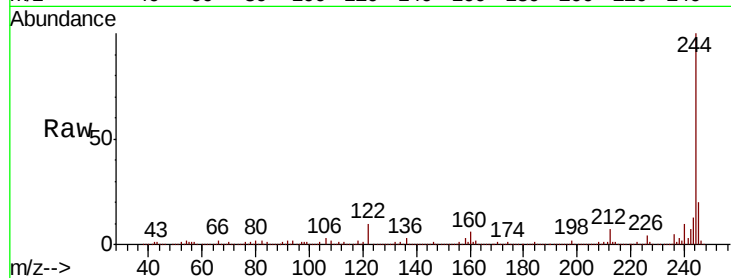
#79
 Terphenyl-d14
 Concen: 57.655 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. 0.01 min
 Lab File: BF112858.D
 Acq: 5 Mar 2019 17:56

Instrument :
 BNA_F
 ClientSampleId :
 RICH-REC-ROAD-STONE-10

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	10.4	10.5	15.7

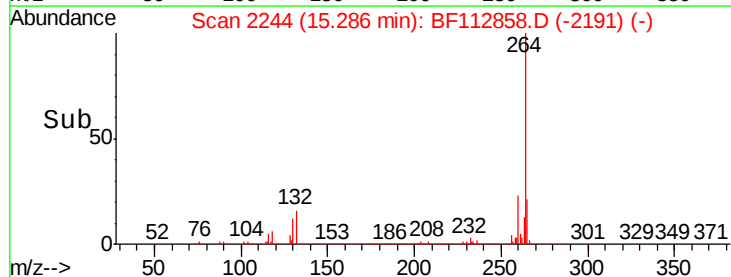
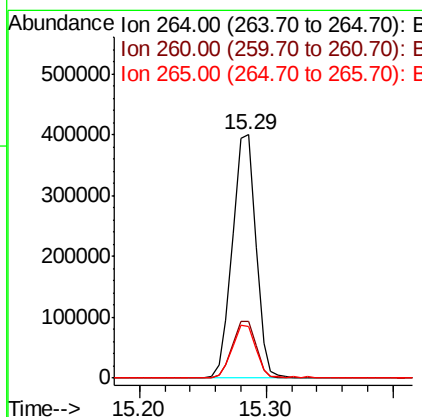
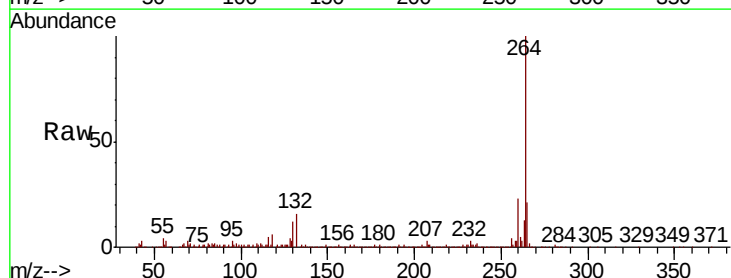
Manual Integrations
 APPROVED

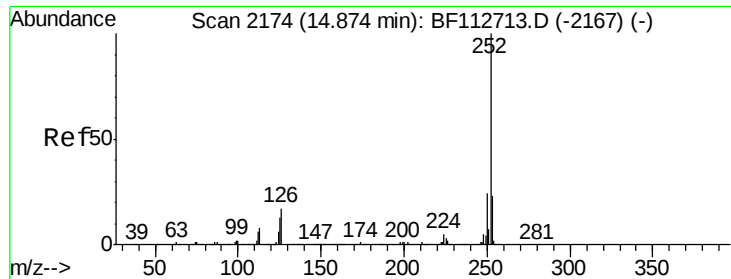
Sohil
 3/6/2019 12:24:25 PM



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2244
 Delta R.T. 0.01 min
 Lab File: BF112858.D
 Acq: 5 Mar 2019 17:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.4	17.2	25.8





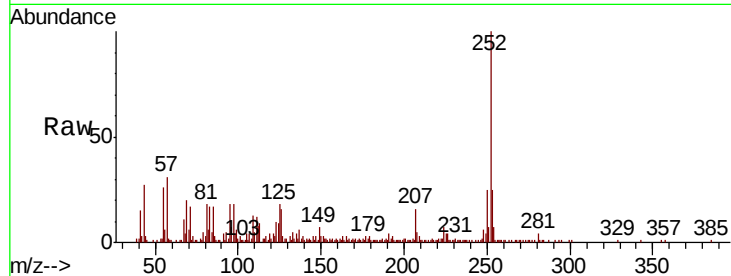
#88
 Benzo(b)fluoranthene
 Concen: 2.520 ng m
 RT: 14.88 min Scan# 2175
 Delta R.T. 0.01 min
 Lab File: BF112858.D
 Acq: 5 Mar 2019 17:56

Instrument :
 BNA_F
 ClientSampleId :
 RICH-REC-ROAD-STONE-10

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.0	27.0
125	18.2	10.2	15.2

Manual Integrations
 APPROVED

Sohil
 3/6/2019 12:24:25 PM



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

