

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
 Data File : BF111378.D
 Acq On : 13 Dec 2018 19:08
 Operator : JU/SJ
 Sample : J6342-01RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RICH-REC-ROAD-STONE-8RE

Manual Integrations
 APPROVED

Sohil
 12/14/2018 12:53:30 PM

Quant Time: Dec 13 21:52:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 13:16:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	234740	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	875244	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	327140	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	486956	20.00	ng	0.00
76) Chrysene-d12	13.94	240	222590	20.00	ng	-0.01
87) Perylene-d12	15.40	264	265889	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1116081	80.40	ng	0.00
7) Phenol-d6	6.43	99	1720194	91.91	ng	0.00
23) Nitrobenzene-d5	7.35	82	1172778	75.52	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	107189	37.17	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1884842	92.50	ng	0.00
79) Terphenyl-d14	12.90	244	1355555	134.04	ng	0.00
Target Compounds						
10) Phenol	6.45	94	76368	3.602	ng	90
50) Dimethylphthalate	9.54	163	86781	3.689	ng	98
74) Di-n-butylphthalate	11.87	149	70426	2.334	ng	96
84) Bis(2-ethylhexyl)phthalate	14.00	149	16732737m	1659.443	ng	

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

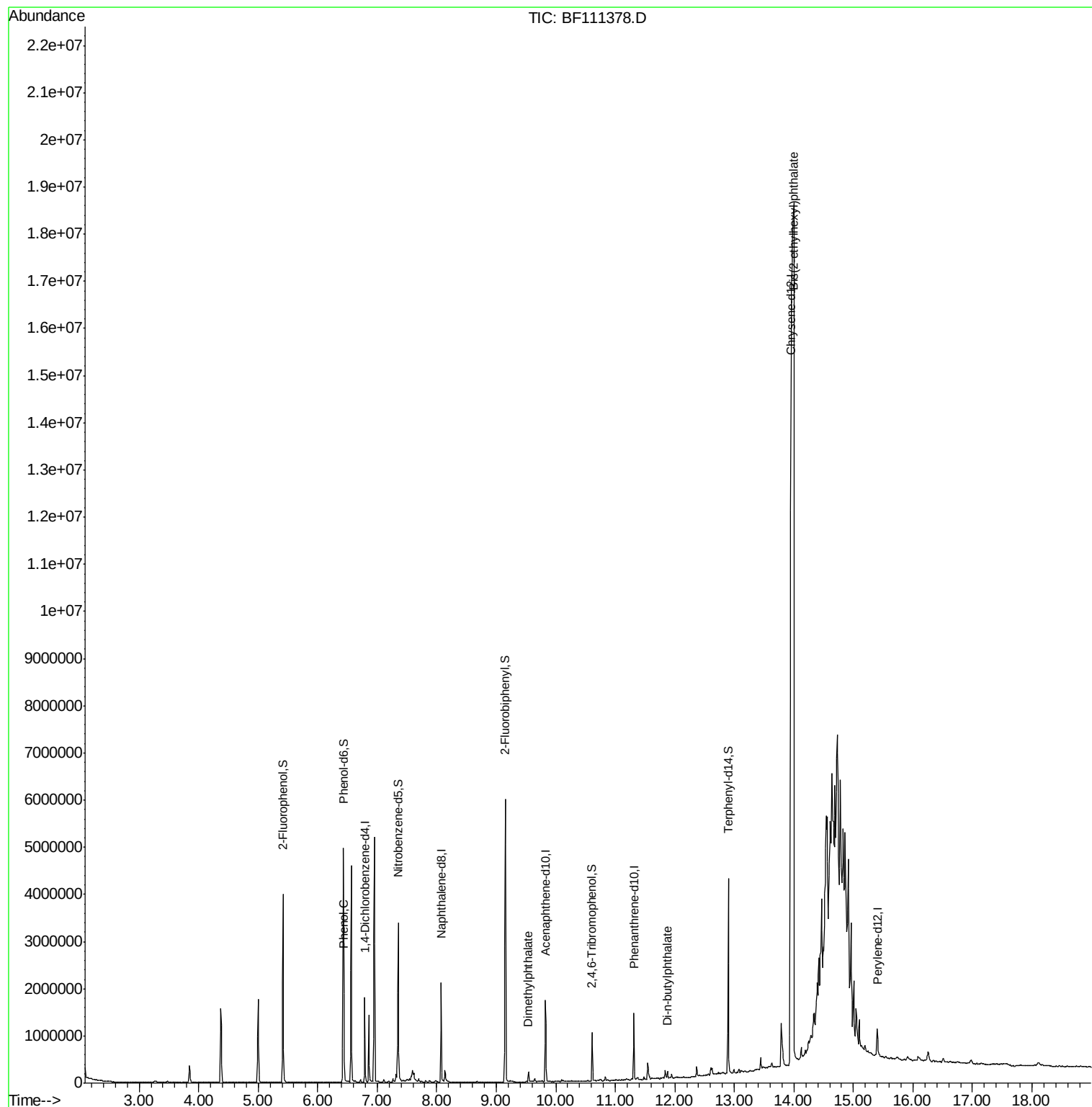
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111378.D
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Operator : JU/SJ
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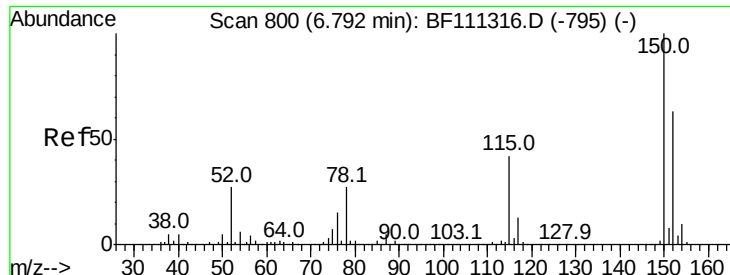
Instrument :
BNA_F
ClientSampleId :
RICH-REC-ROAD-STONE-8RE

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Quant Time: Dec 13 21:52:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 13:16:52 2018
Response via : Initial Calibration





#1

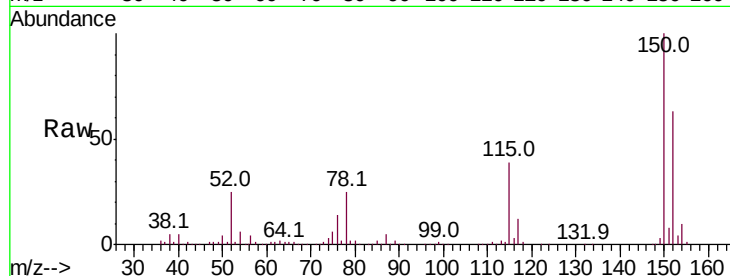
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF111378.D
Acq: 13 Dec 2018 19:08

Instrument :
BNA_F
ClientSampleId :
RICH-REC-ROAD-STONE-8RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	126.6	189.8
115	62.0	50.7	76.1

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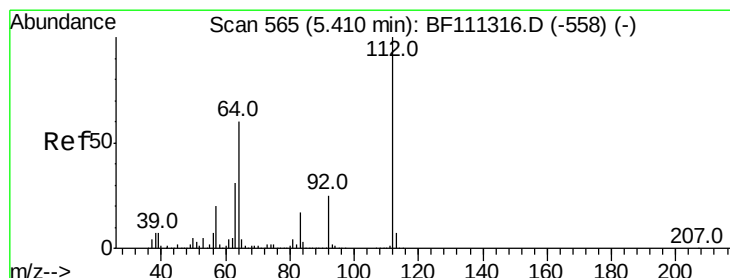
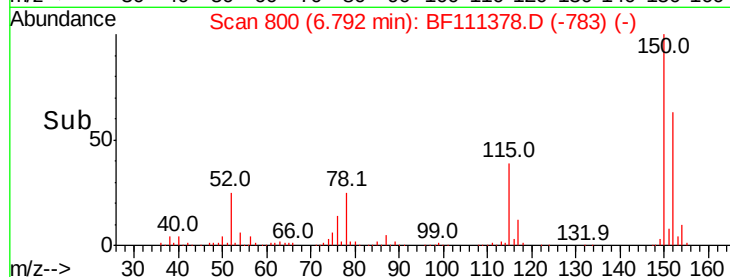
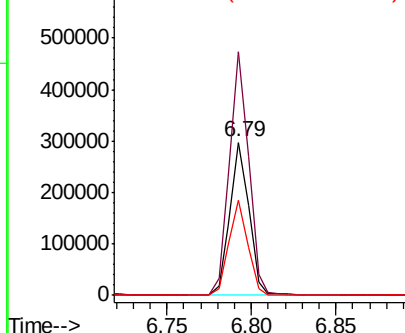


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

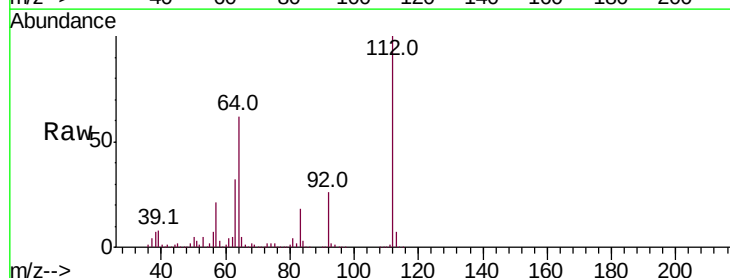
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 80.401 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF111378.D
Acq: 13 Dec 2018 19:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.5	51.8	77.6
63	32.5	26.8	40.2

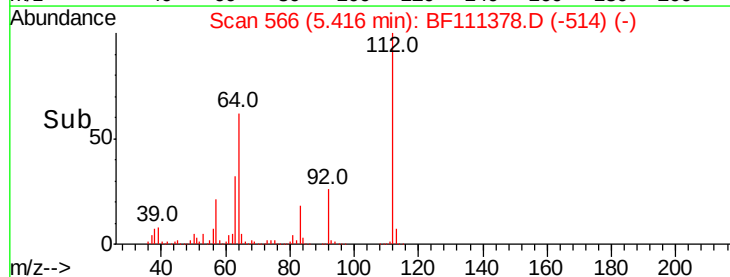
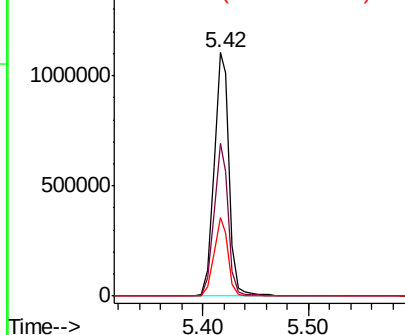


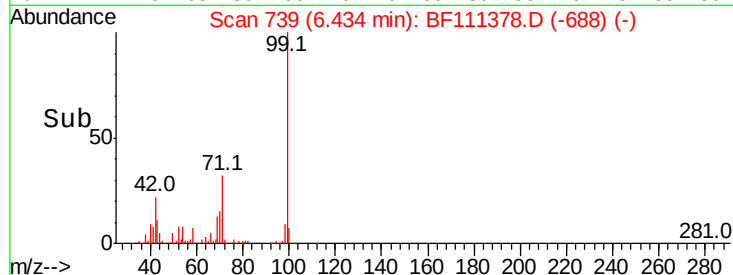
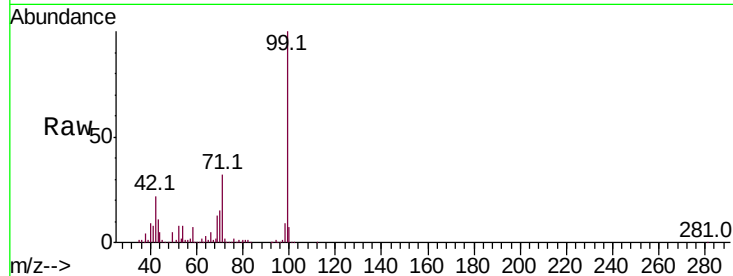
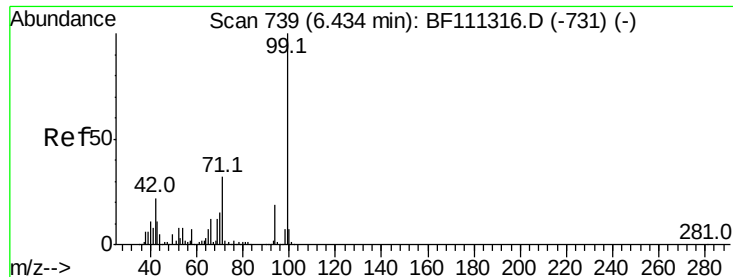
Abundance

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: 91.910 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF111378.D

Acq: 13 Dec 2018 19:08

Tot Ion:	99	Resp:	1720194
Ion	Ratio	Lower	Upper
99	100		
42	22.0	17.4	26.0
71	32.1	26.1	39.1

Instrument :

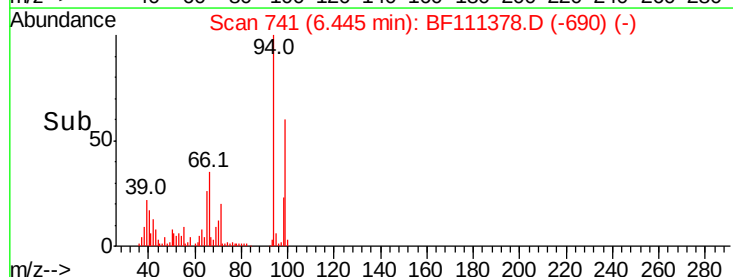
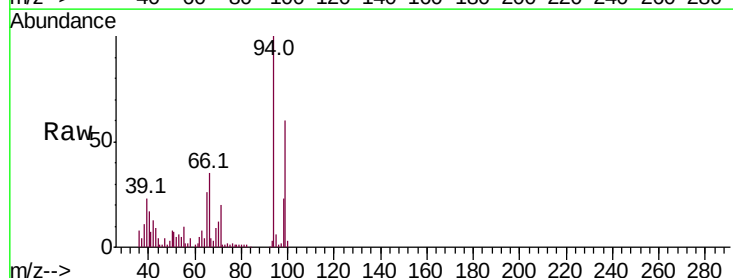
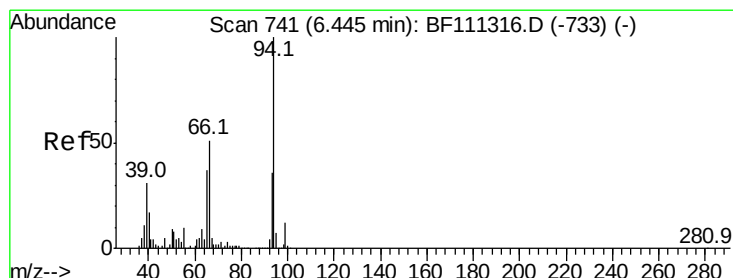
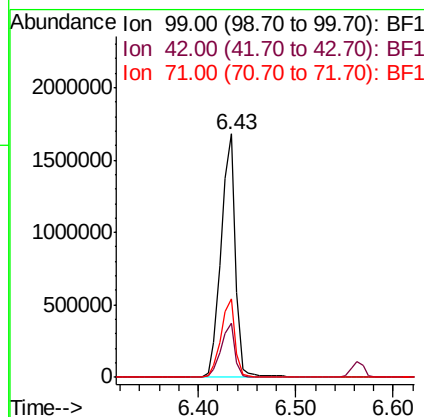
BNA_F

ClientSampleId :

RICH-REC-ROAD-STONE-8RE

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#10

Phenol

Concen: 3.602 ng

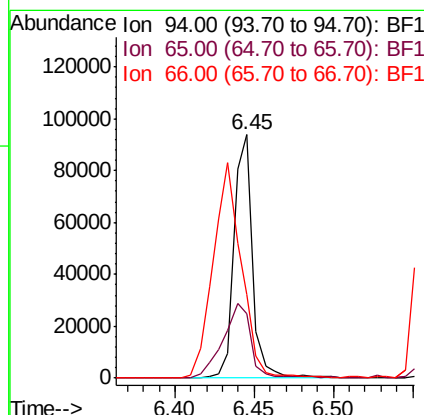
RT: 6.45 min Scan# 741

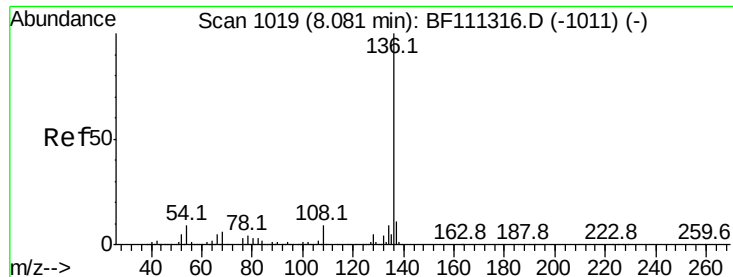
Delta R.T. -0.00 min

Lab File: BF111378.D

Acq: 13 Dec 2018 19:08

Tgt Ion:	94	Resp:	76368
Ion	Ratio	Lower	Upper
94	100		
65	26.3	11.7	51.7
66	34.6	21.0	61.0





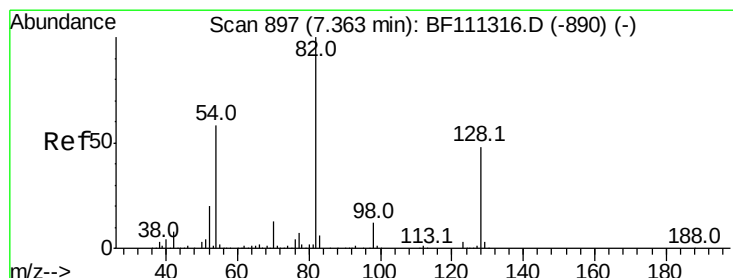
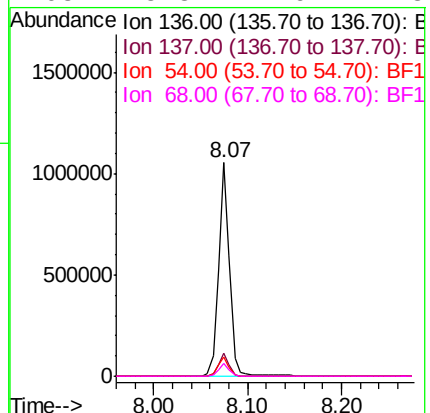
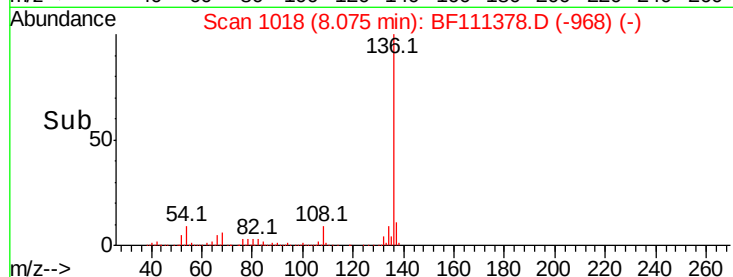
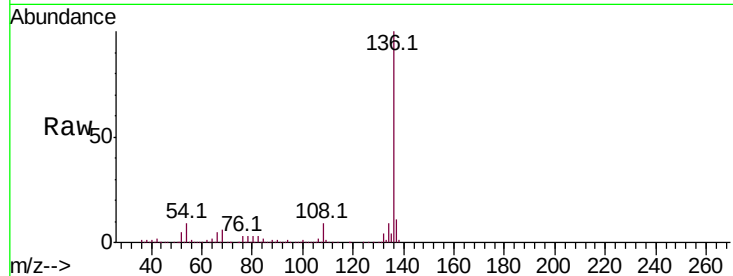
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111378.D
Acq: 13 Dec 2018 19:08

Instrument :
BNA_F
ClientSampleId :
RICH-REC-ROAD-STONE-8RE

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	9.1	13.7	
54	9.2	7.7	11.5	
68	5.8	4.9	7.3	

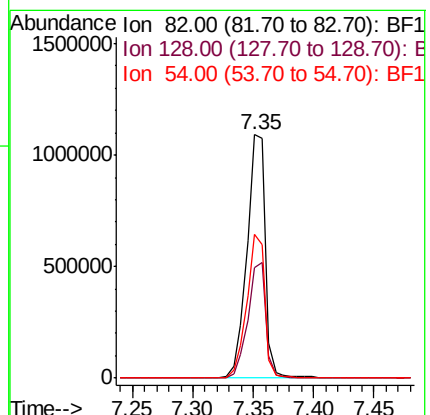
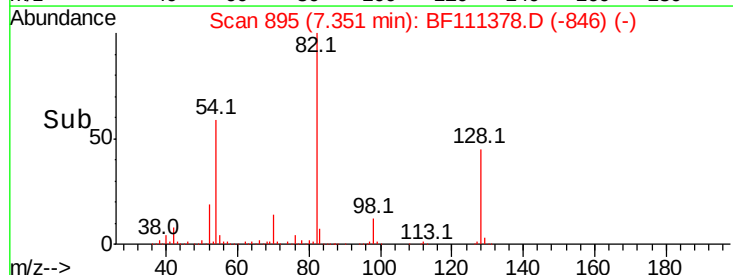
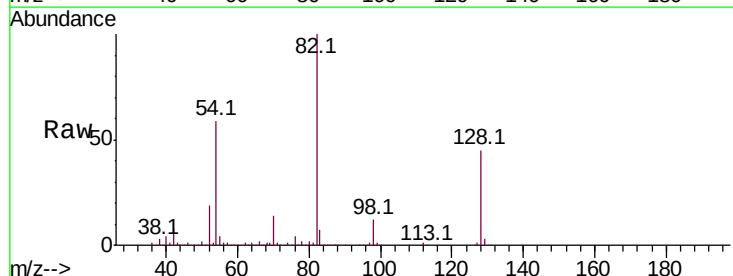
Manual Integrations
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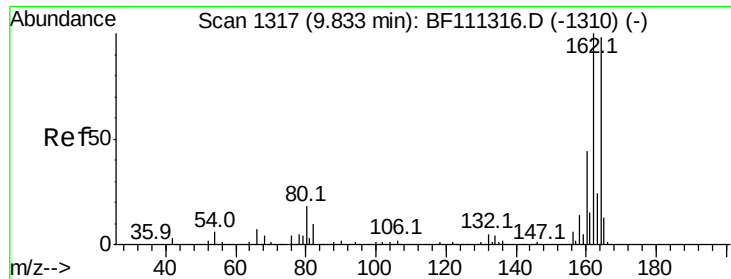
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#23
Nitrobenzene-d5
Concen: 75.524 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111378.D
Acq: 13 Dec 2018 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.1	37.4	56.2	
54	59.0	47.6	71.4	





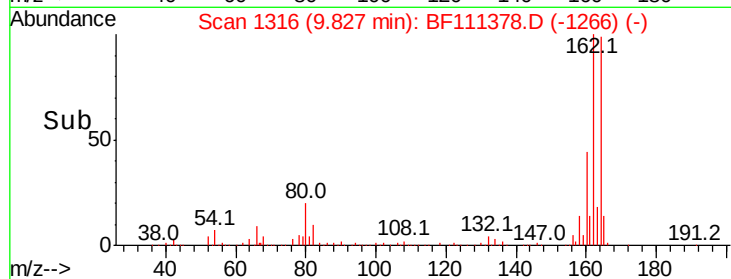
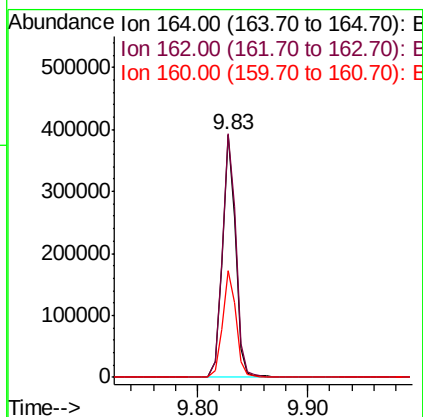
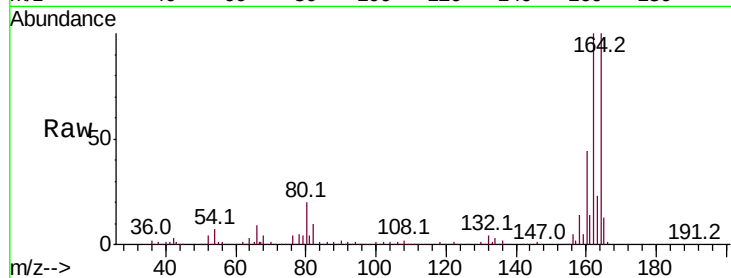
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111378.D
Acq: 13 Dec 2018 19:08

Instrument :
BNA_F
ClientSampleId :
RICH-REC-ROAD-STONE-8RE

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.4	122.0
160	44.2	35.7	53.5

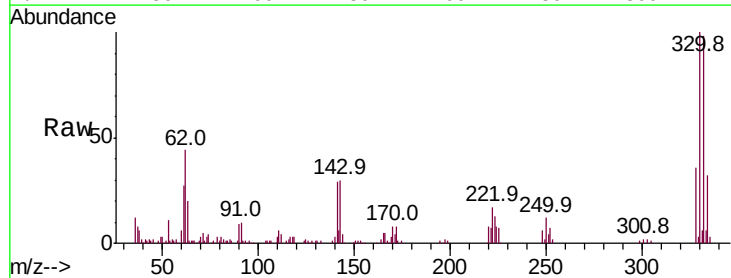
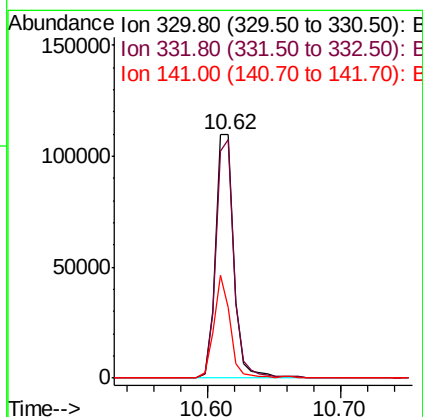
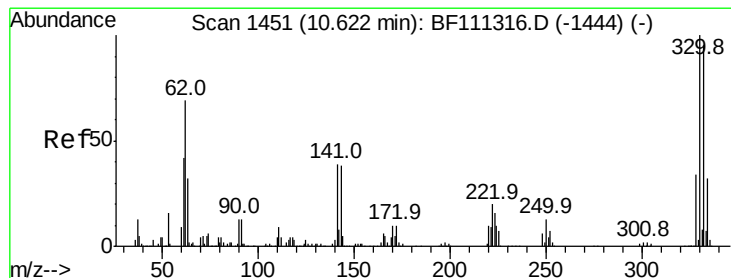
Manual Integrations
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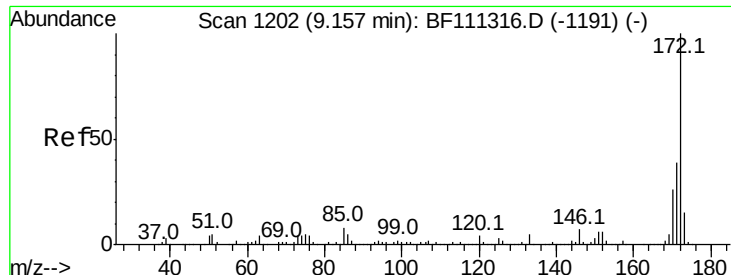
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#42
2,4,6-Tribromophenol
Concen: 37.170 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111378.D
Acq: 13 Dec 2018 19:08

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.0	114.0
141	37.0	31.0	46.6





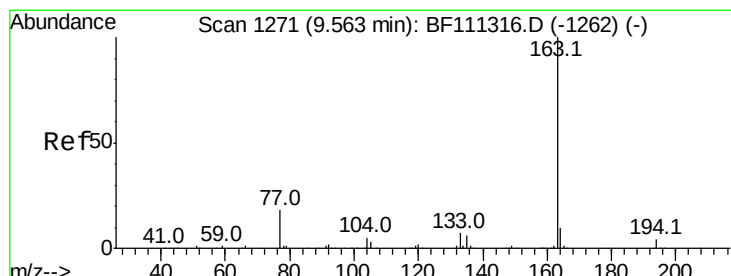
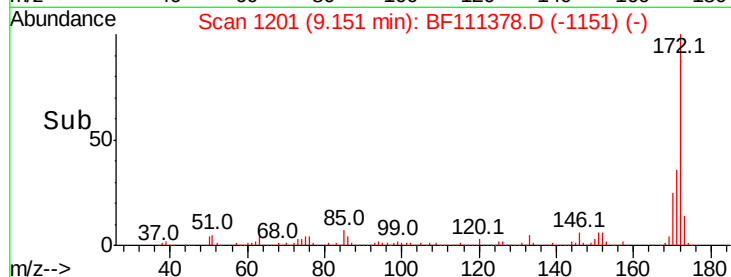
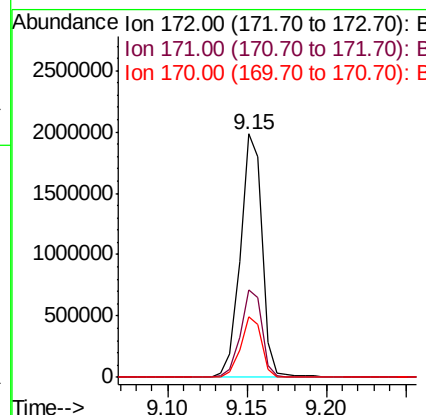
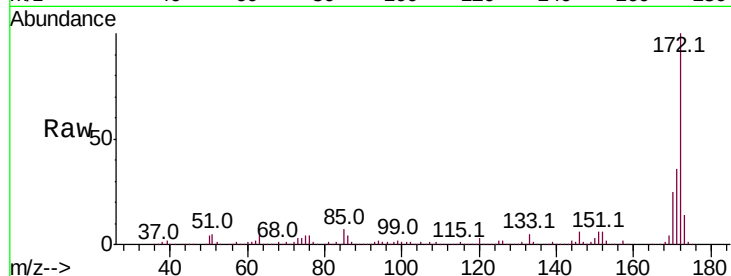
#45
2-Fluorobiphenyl
Concen: 92.501 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111378.D
Acq: 13 Dec 2018 19:08

Instrument :
BNA_F
ClientSampleId :
RICH-REC-ROAD-STONE-8RE

Tot Ion:172 Resp: 1884842
Ion Ratio Lower Upper
172 100
171 35.8 33.0 49.4
170 24.6 22.3 33.5

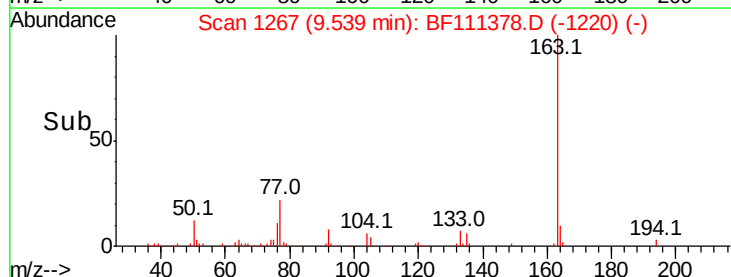
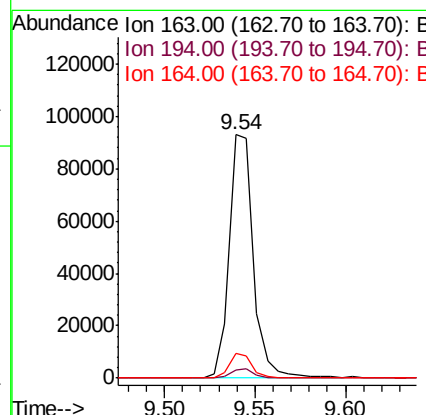
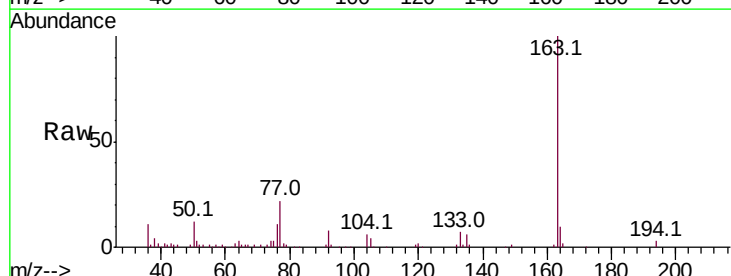
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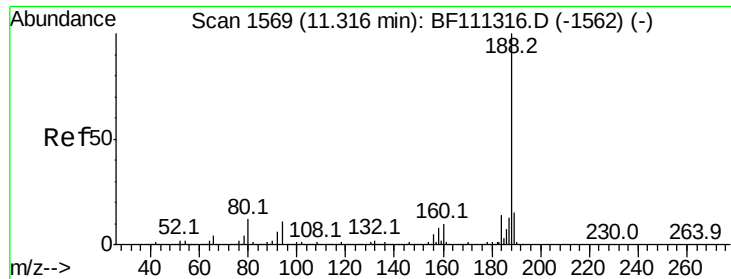
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#50
Dimethylphthalate
Concen: 3.689 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF111378.D
Acq: 13 Dec 2018 19:08

Tgt Ion:163 Resp: 86781
Ion Ratio Lower Upper
163 100
194 3.2 3.0 4.6
164 10.1 8.9 13.3





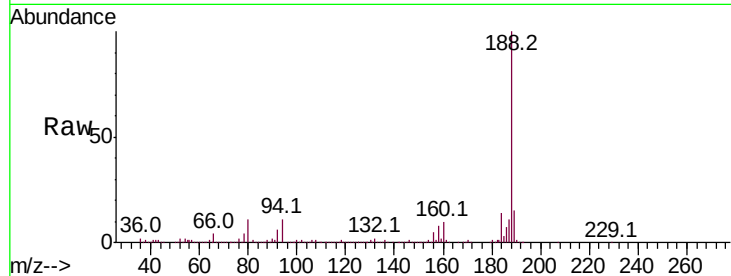
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111378.D
Acq: 13 Dec 2018 19:08

Instrument :
BNA_F
ClientSampleId :
RICH-REC-ROAD-STONE-8RE

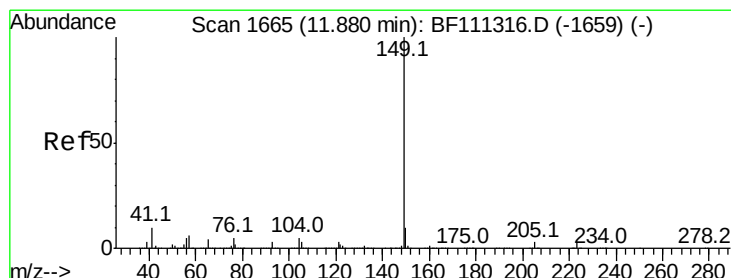
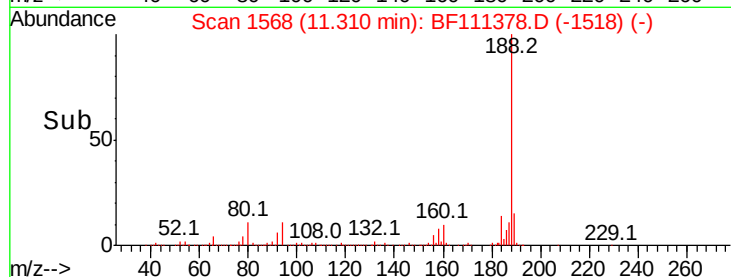
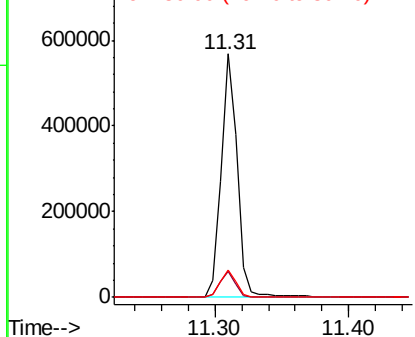
Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.9	9.6	14.4
80	11.3	9.8	14.6

Manual Integrations
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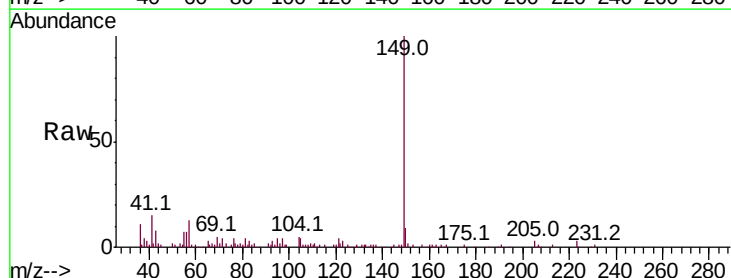


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

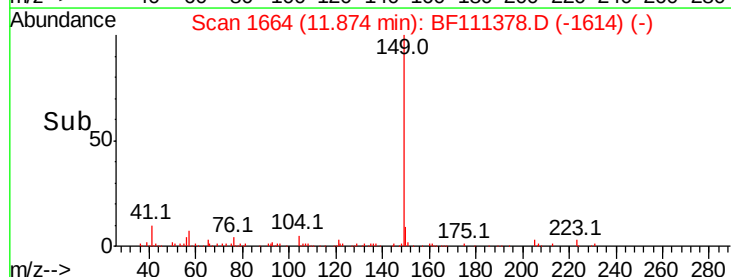
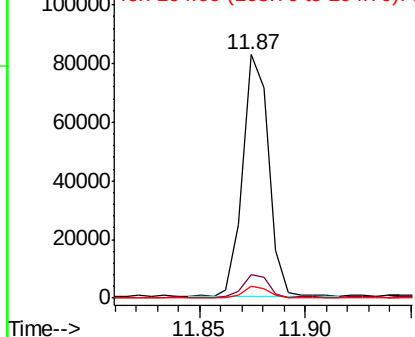


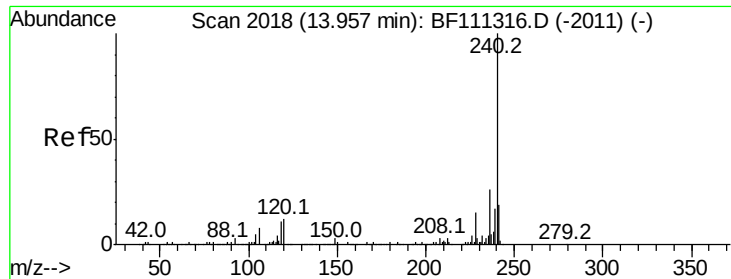
#74
Di-n-butylphthalate
Concen: 2.334 ng
RT: 11.87 min Scan# 1664
Delta R.T. -0.01 min
Lab File: BF111378.D
Acq: 13 Dec 2018 19:08

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
150	9.4	8.8	13.2
104	4.8	4.5	6.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





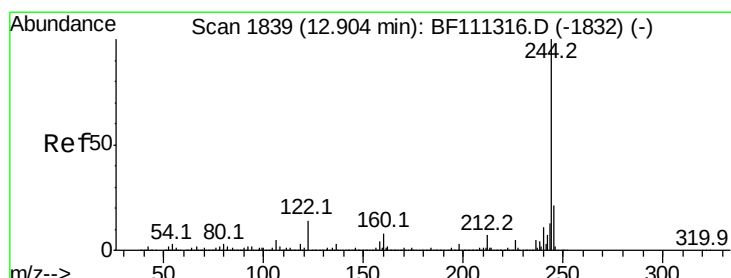
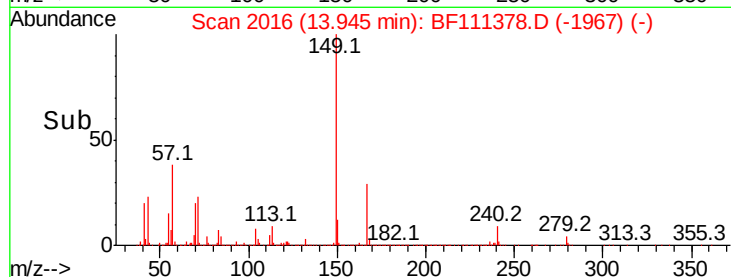
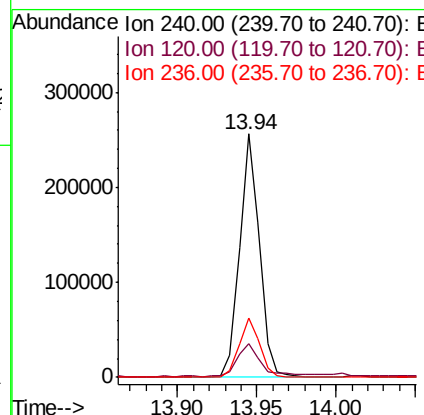
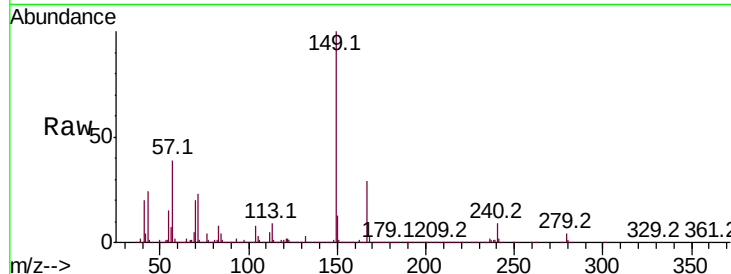
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF111378.D
Acq: 13 Dec 2018 19:08

Instrument :
BNA_F
ClientSampleId :
RICH-REC-ROAD-STONE-8RE

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	13.7	12.2	18.2	
236	24.2	20.2	30.2	

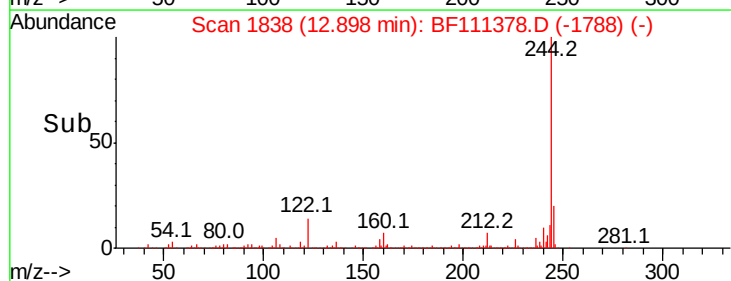
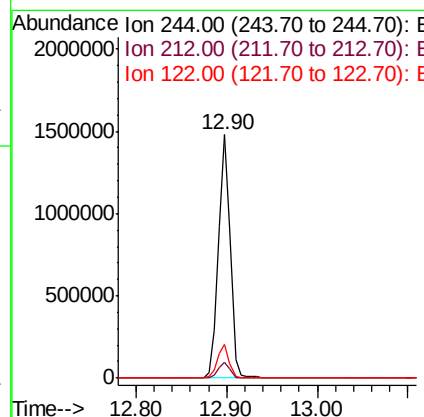
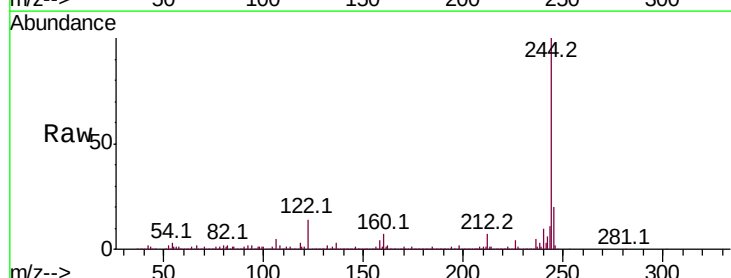
Manual Integrations
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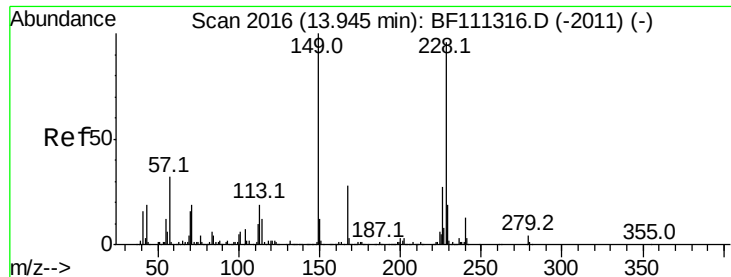
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#79
Terphenyl-d14
Concen: 134.035 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BF111378.D
Acq: 13 Dec 2018 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	6.7	5.7	8.5	
122	14.0	13.1	19.7	





#84

Bis(2-ethylhexyl)phthalate

Concen: 1659.443 ng/mL

RT: 14.00 min Scan# 2026

Delta R.T. 0.06 min

Lab File: BF111378.D

Acq: 13 Dec 2018 19:08

Instrument :

BNA_F

ClientSampleId :

RICH-REC-ROAD-STONE-8RE

Tot Ion:149 Resp:16732737

Ion Ratio Lower Upper

149 100

167 32.2 22.5 33.7

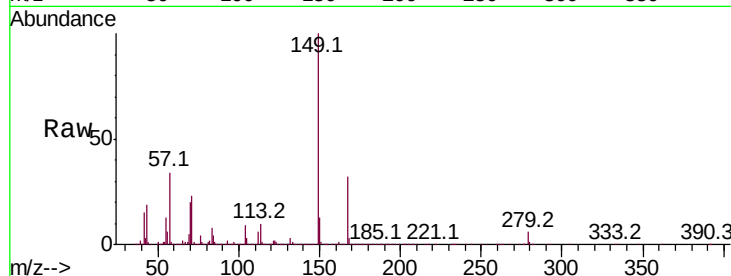
279 6.5 2.6 4.0#

Manual Integrations

APPROVED

Sohil

12/14/2018 12:53:30 PM

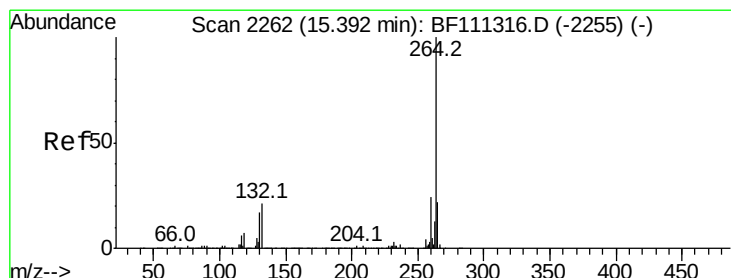
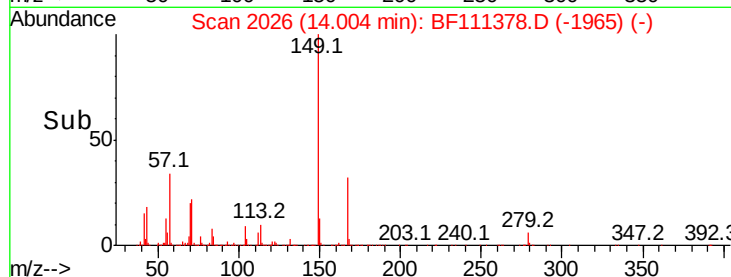
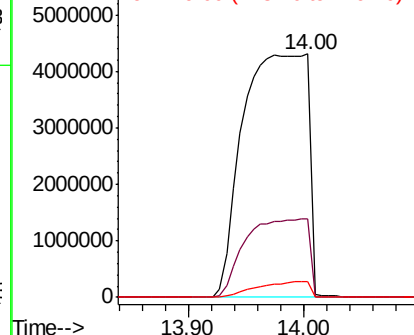


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.40 min Scan# 2264

Delta R.T. 0.01 min

Lab File: BF111378.D

Acq: 13 Dec 2018 19:08

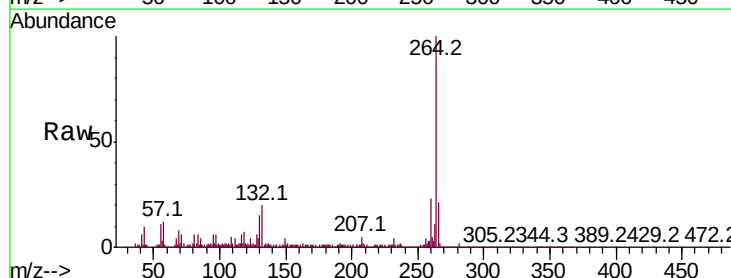
Tgt Ion:264 Resp: 265889

Ion Ratio Lower Upper

264 100

260 22.6 18.3 27.5

265 20.5 17.7 26.5



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

