

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071119\
 Data File : BF115512.D
 Acq On : 11 Jul 2019 23:21
 Operator : HP/JU
 Sample : K3740-02 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-22

Manual Integrations
 APPROVED

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 7/12/2019 10:37:47 PM

Quant Time: Jul 12 07:03:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 10 16:47:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	125652	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	520371	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	250823	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	443498	20.00	ng	0.00
76) Chrysene-d12	14.06	240	360629	20.00	ng	-0.01
87) Perylene-d12	15.54	264	359555	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	224189	27.57	ng	-0.01
7) Phenol-d6	6.51	99	316685	30.62	ng	-0.01
23) Nitrobenzene-d5	7.45	82	190968	21.68	ng	-0.01
42) 2,4,6-Tribromophenol	10.72	330	61816	22.29	ng	-0.01
45) 2-Fluorobiphenyl	9.25	172	404587	28.30	ng	0.00
79) Terphenyl-d14	13.00	244	397162	22.55	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.64	163	77589	4.121	ng	98
75) Fluoranthene	12.63	202	102121	4.158	ng	97
78) Pyrene	12.86	202	98380	3.508	ng	98
81) Benzo(a)anthracene	14.04	228	49068	2.124	ng	96
83) Chrysene	14.08	228	49098m	2.068	ng	
88) Benzo(b)fluoranthene	15.10	252	62549m	2.672	ng	

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

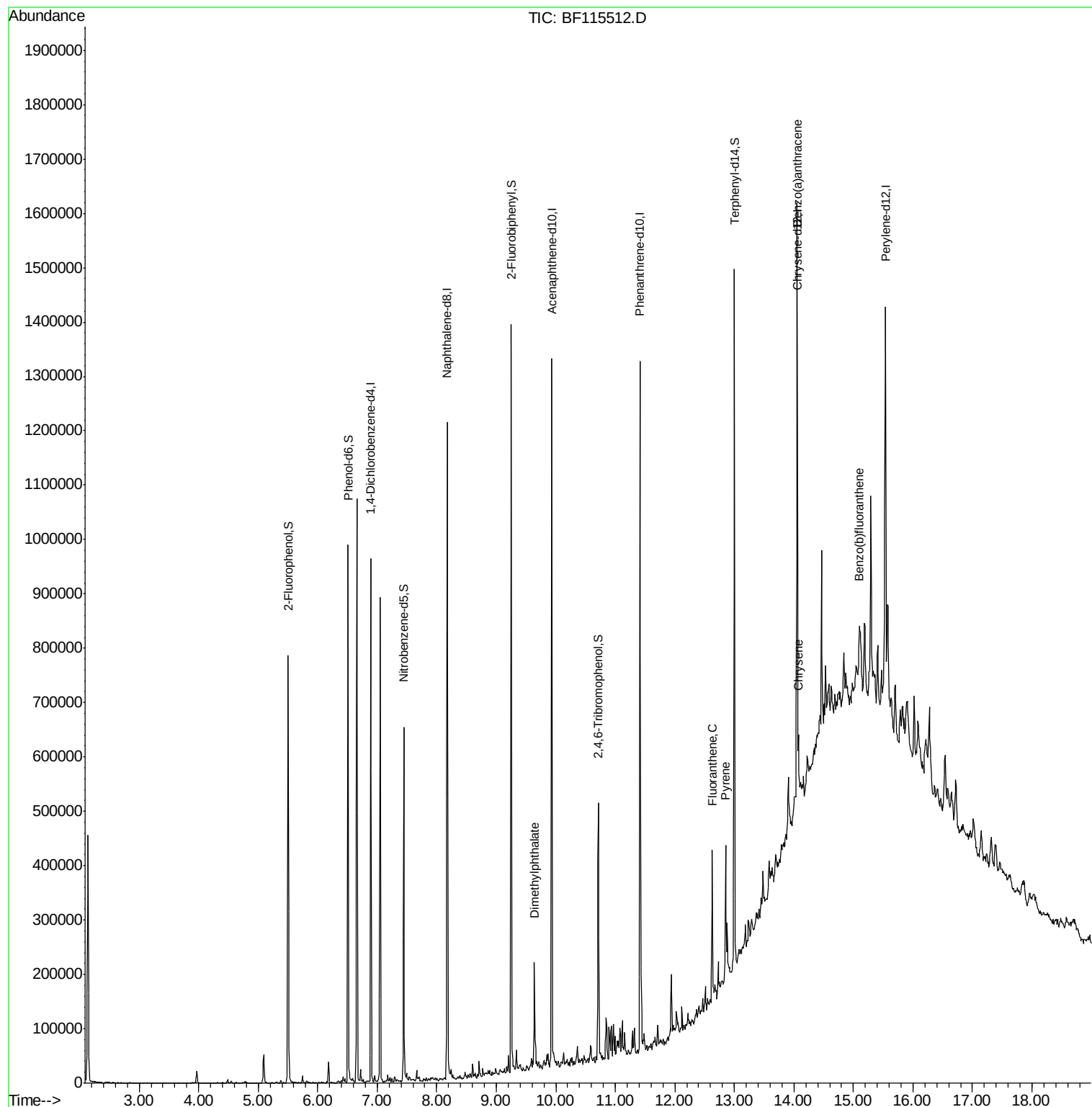
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071119\
Data File : BF115512.D
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Operator : HP/JU
Sample : K3740-02 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

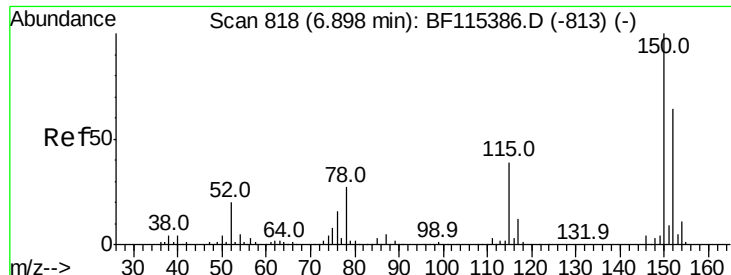
Instrument :
BNA_F
ClientSampleId :
COMP-22

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Quant Time: Jul 12 07:03:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 10 16:47:05 2019
Response via : Initial Calibration





#1

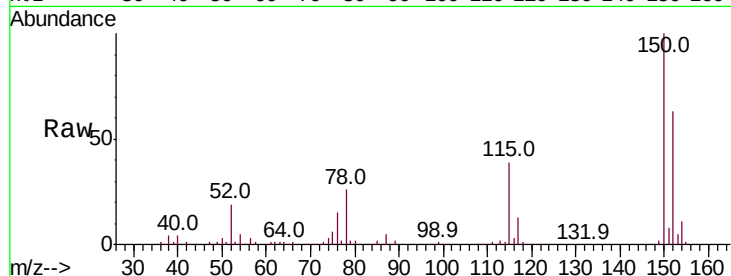
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF115512.D
Acq: 11 Jul 2019 23:21

Instrument :
BNA_F
ClientSampleId :
COMP-22

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	127.4	191.2
115	61.2	46.2	69.4

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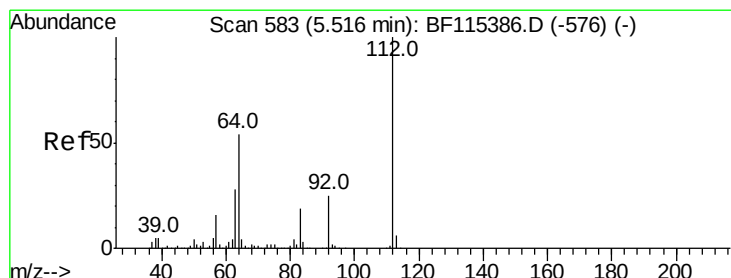
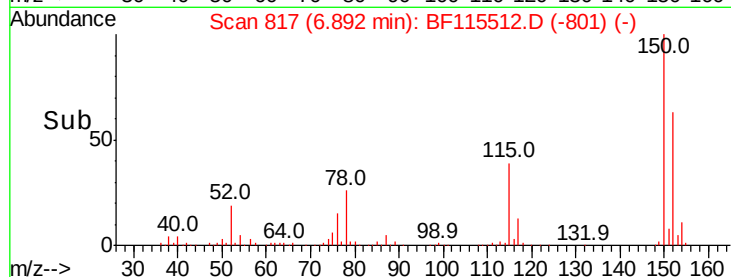
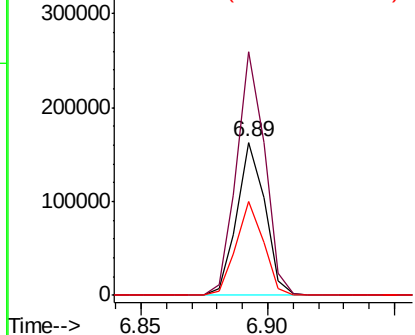


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

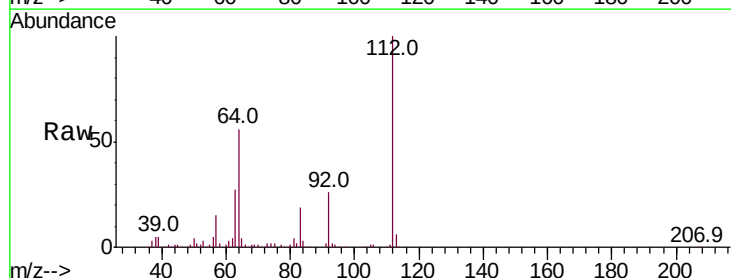
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 27.567 ng
RT: 5.50 min Scan# 581
Delta R.T. -0.01 min
Lab File: BF115512.D
Acq: 11 Jul 2019 23:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.5	44.2	66.2
63	27.2	22.1	33.1

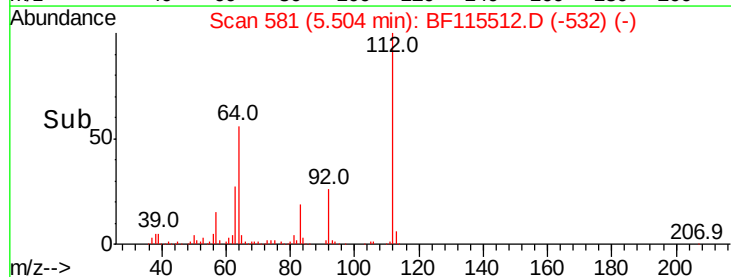
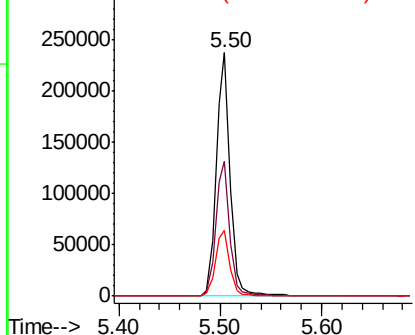


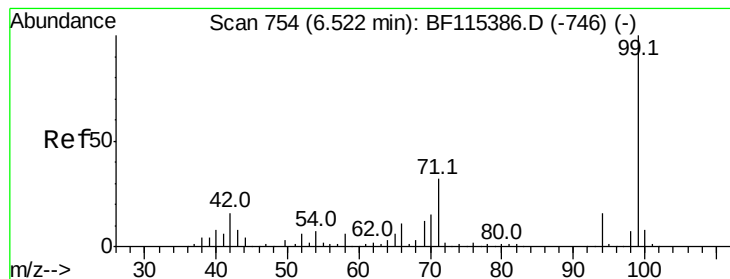
Abundance

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: 30.618 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF115512.D

Acq: 11 Jul 2019 23:21

Instrument :

BNA_F

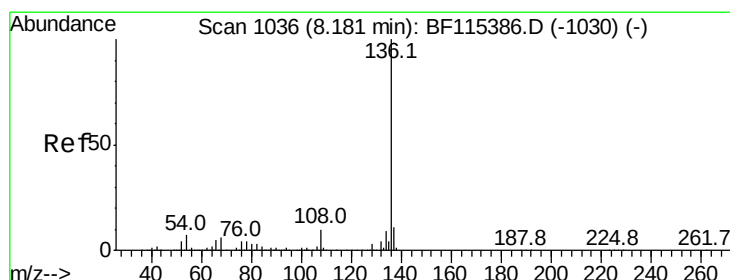
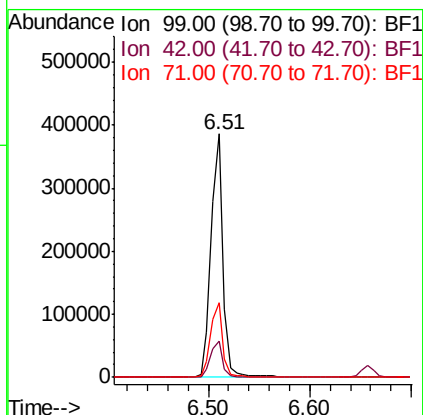
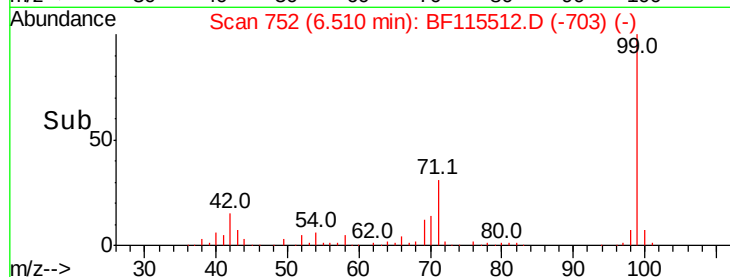
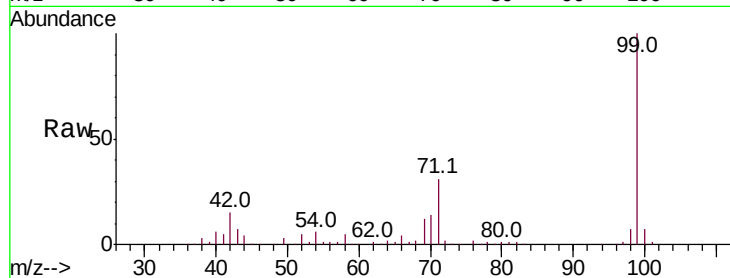
ClientSampled :

COMP-22

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		31685		
42	14.7	12.8	19.2		
71	30.6	26.5	39.7		

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#21

Naphthalene-d8

Concen: 20.000 ng

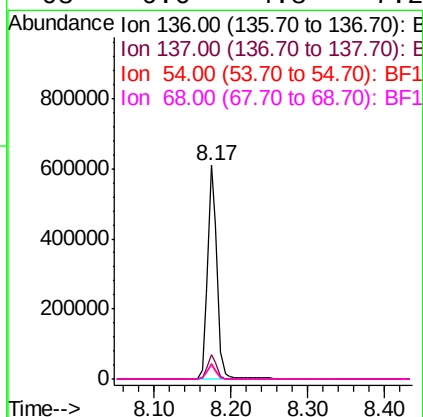
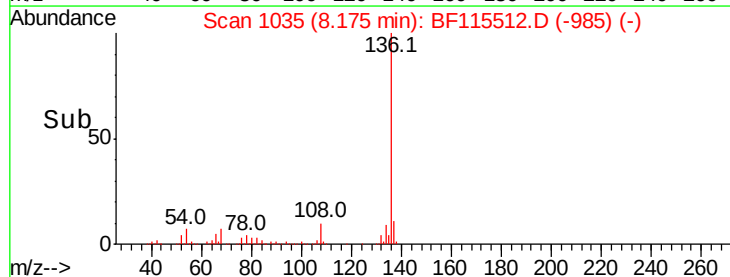
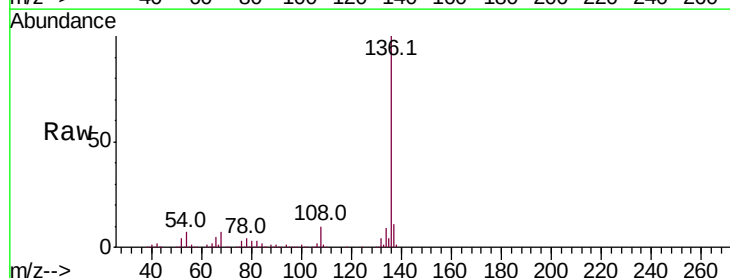
RT: 8.17 min Scan# 1035

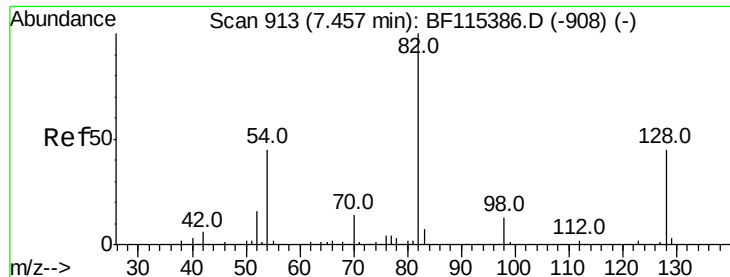
Delta R.T. -0.01 min

Lab File: BF115512.D

Acq: 11 Jul 2019 23:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		520371		
137	11.1	8.8	13.2		
54	6.9	5.4	8.0		
68	6.6	4.8	7.2		





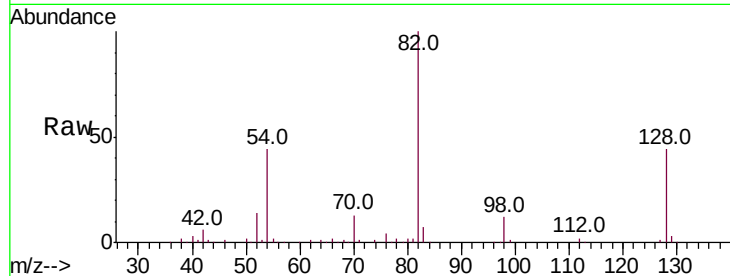
#23
Nitrobenzene-d5
Concen: 21.683 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF115512.D
Acq: 11 Jul 2019 23:21

Instrument :
BNA_F
ClientSampleId :
COMP-22

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.6	36.7	55.1	
54	44.2	35.6	53.4	

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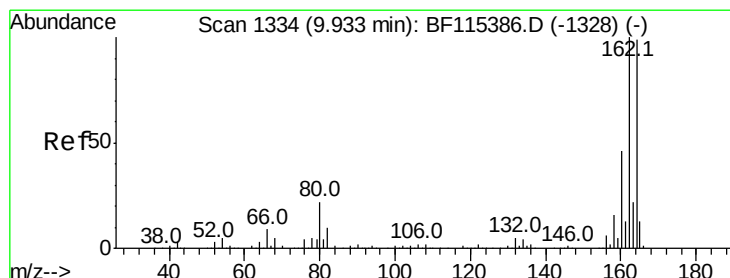
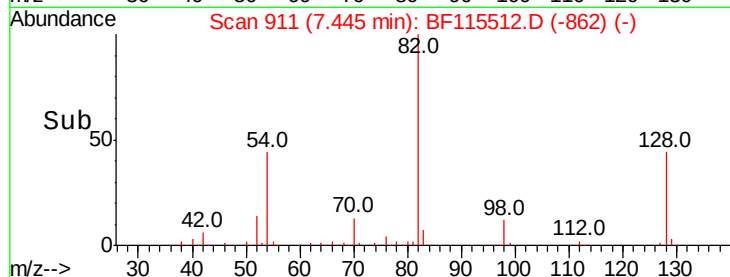
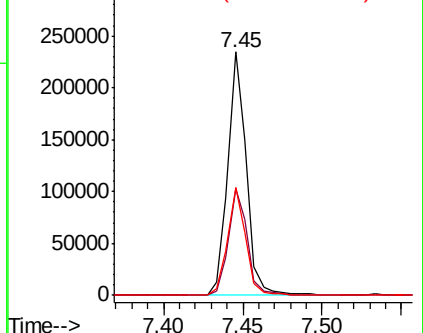


Abundance

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: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF115512.D
Acq: 11 Jul 2019 23:21

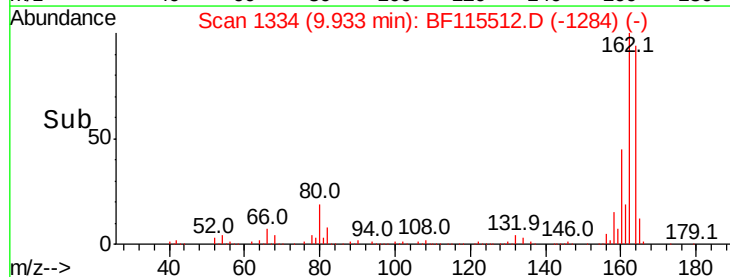
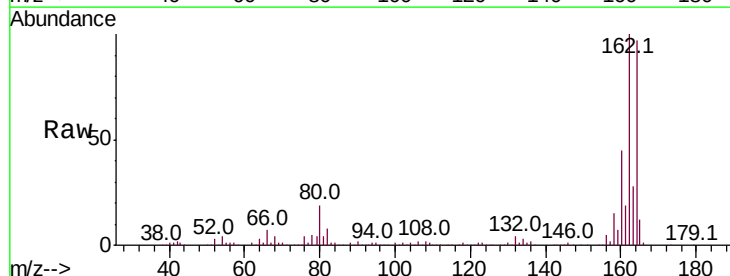
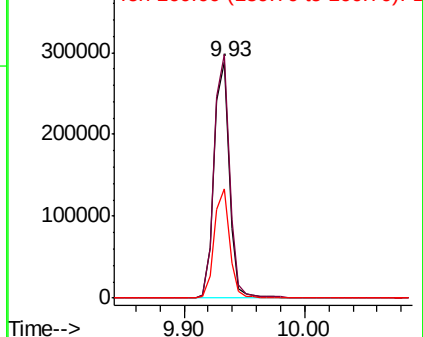
Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.1	82.3	123.5	
160	46.1	37.2	55.8	

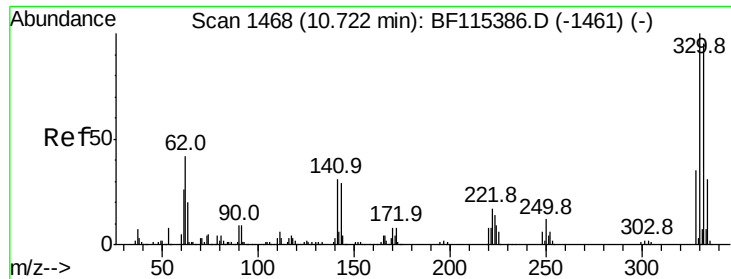
Abundance

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: 22.290 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BF115512.D

Acq: 11 Jul 2019 23:21

Instrument :

BNA_F

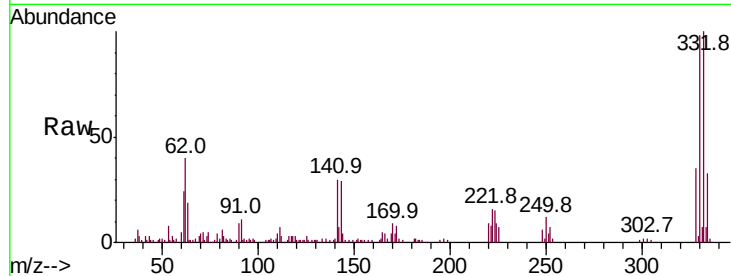
ClientSampleId :

COMP-22

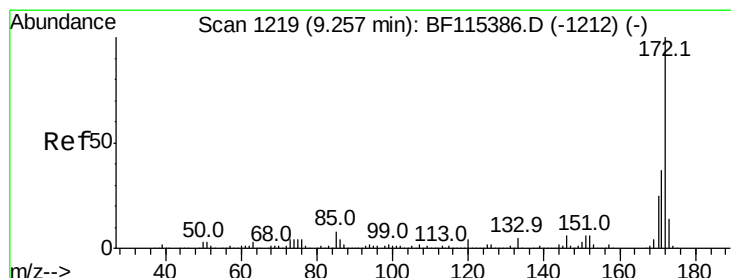
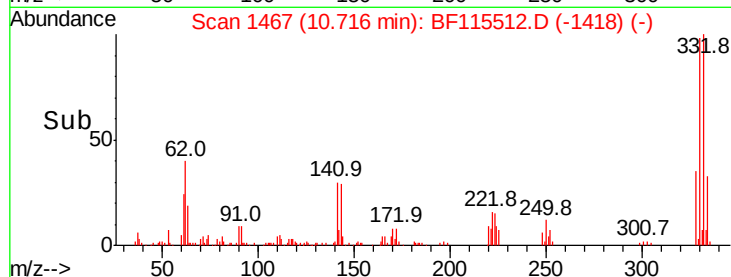
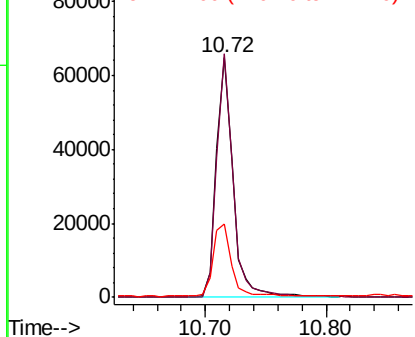
Tot Ion:	330	Resp:	61816
Ion Ratio	Lower	Upper	
330	100		
332	99.1	77.4	116.0
141	32.3	24.7	37.1

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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: 28.305 ng

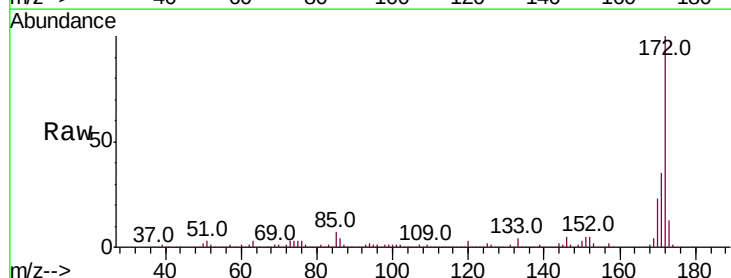
RT: 9.25 min Scan# 1218

Delta R.T. -0.01 min

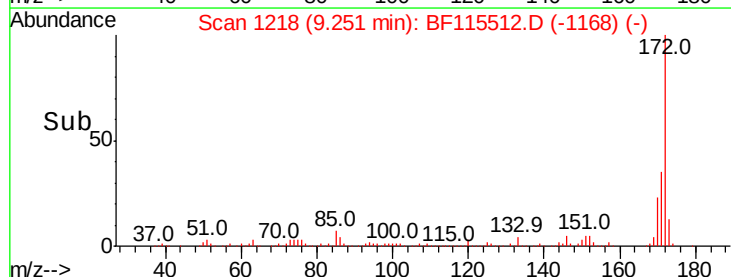
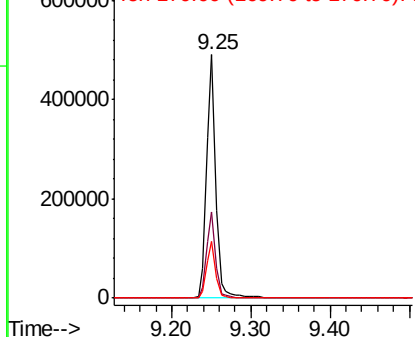
Lab File: BF115512.D

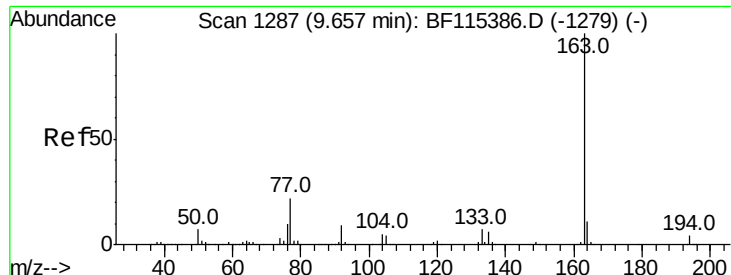
Acq: 11 Jul 2019 23:21

Tgt Ion:	172	Resp:	404587
Ion Ratio	Lower	Upper	
172	100		
171	35.3	29.8	44.8
170	23.3	20.0	30.0



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





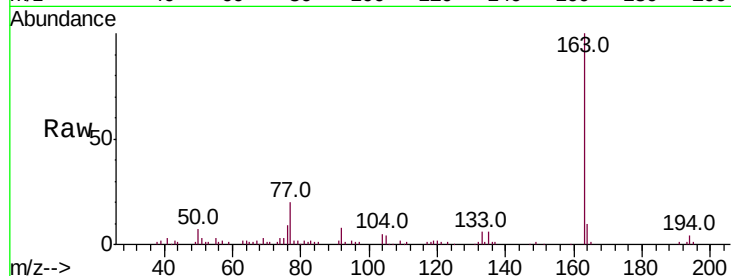
#50
Dimethylphthalate
Concen: 4.121 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF115512.D
Acq: 11 Jul 2019 23:21

Instrument :
BNA_F
ClientSampleId :
COMP-22

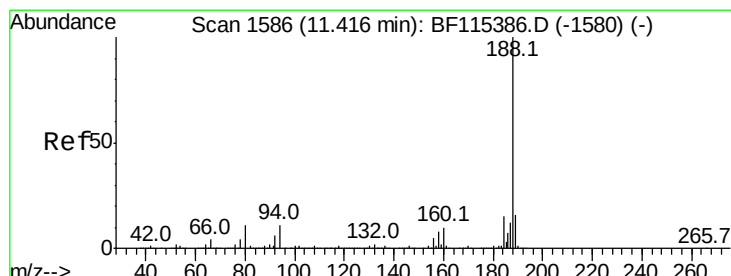
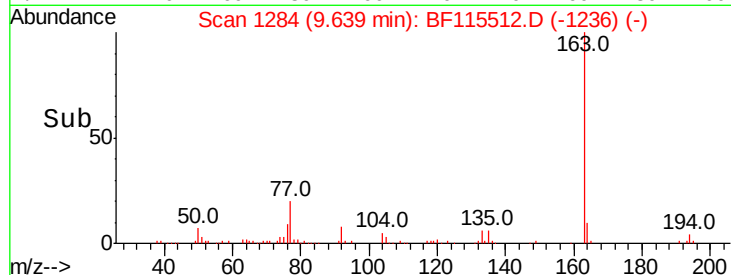
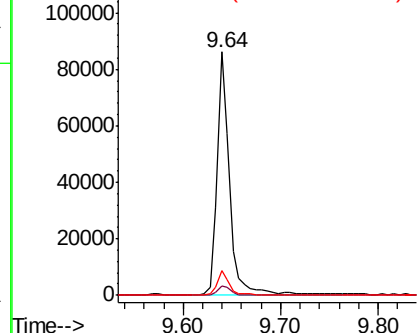
Tot Ion	Ratio	Resp	Lower	Upper
163	100	77589		
194	4.0		3.1	4.7
164	9.9		8.6	13.0

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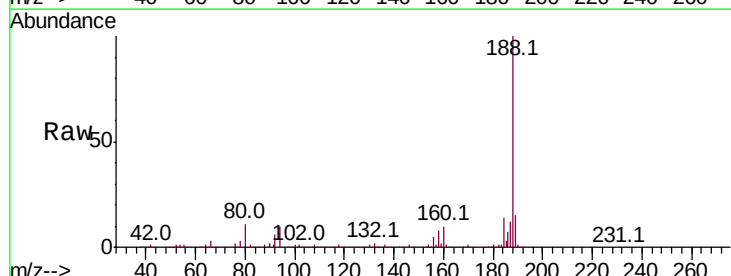


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

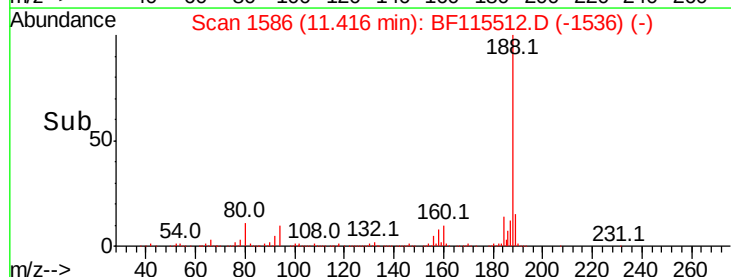
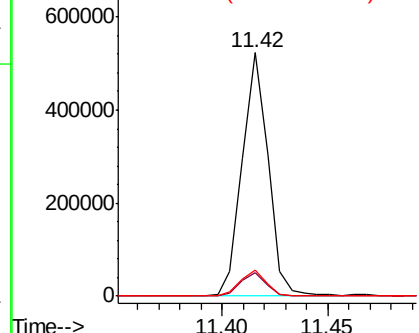


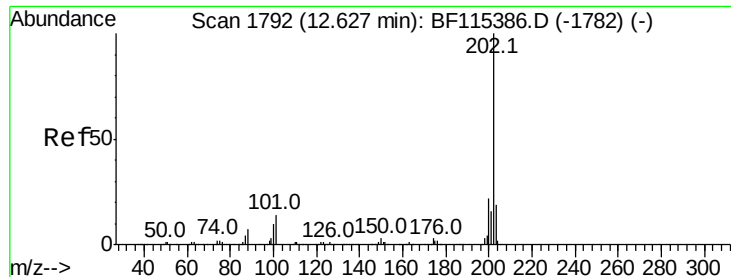
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF115512.D
Acq: 11 Jul 2019 23:21

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	443498		
94	9.7		7.8	11.8
80	10.8		8.4	12.6



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





#75

Fluoranthene

Concen: 4.158 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF115512.D

Acq: 11 Jul 2019 23:21

Instrument :

BNA_F

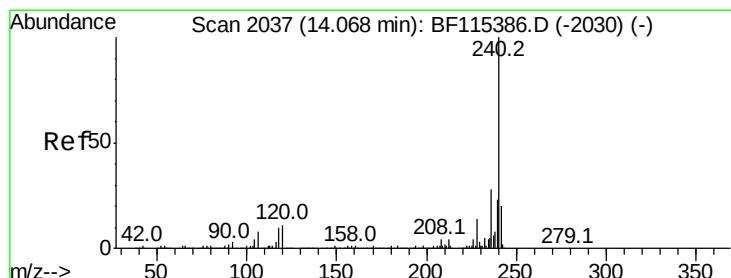
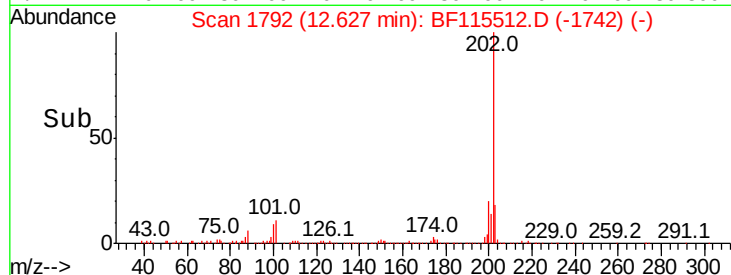
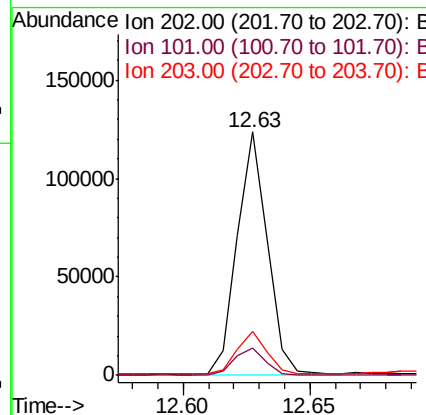
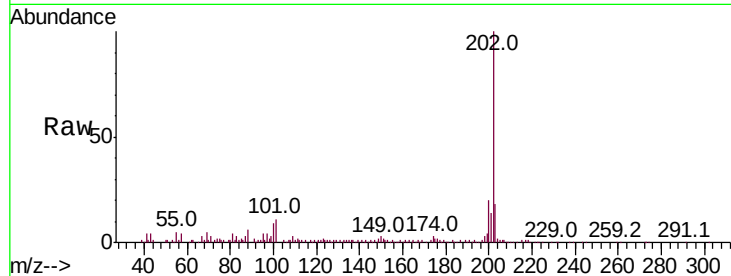
ClientSampleId :

COMP-22

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.4	0.0	33.9
203	18.3	0.0	38.4

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#76

Chrysene-d12

Concen: 20.000 ng

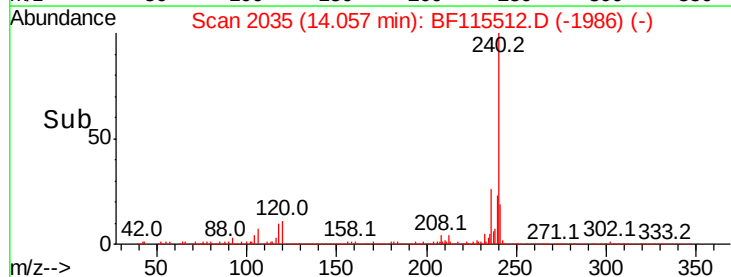
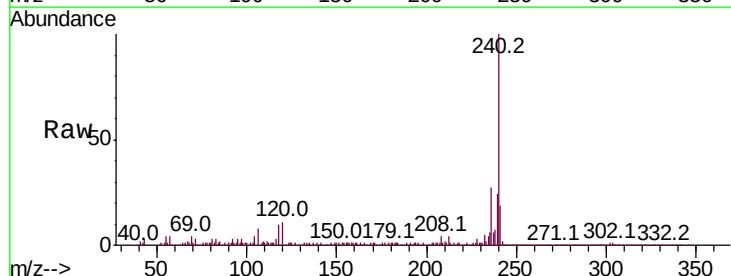
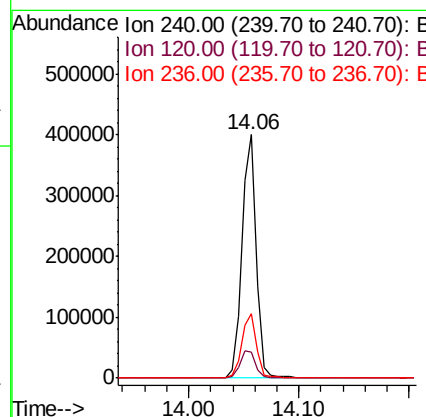
RT: 14.06 min Scan# 2035

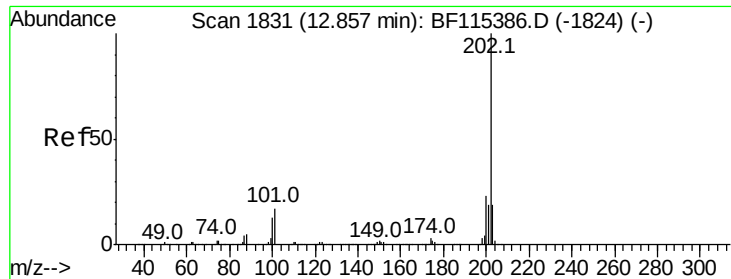
Delta R.T. -0.01 min

Lab File: BF115512.D

Acq: 11 Jul 2019 23:21

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.9	10.2	15.4
236	26.5	21.1	31.7





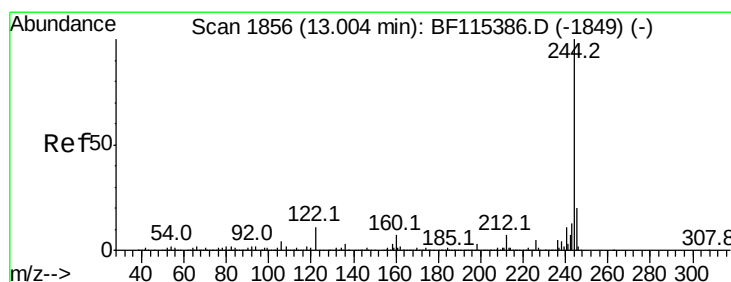
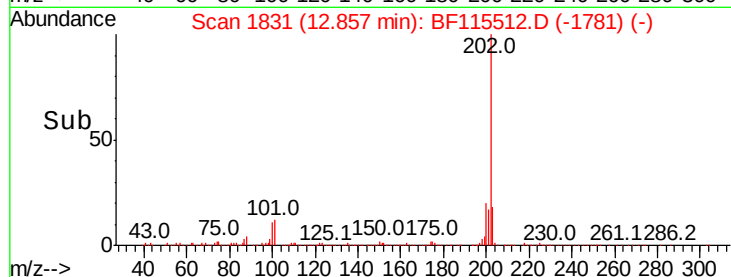
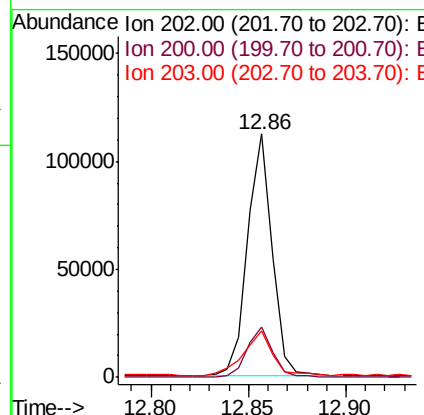
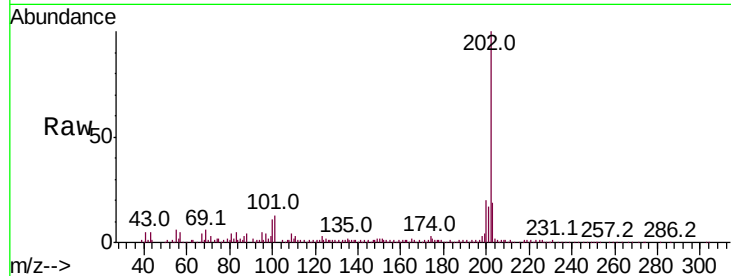
#78
Pvrene
Concen: 3.508 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BF115512.D
Acq: 11 Jul 2019 23:21

Instrument :
BNA_F
ClientSampleId :
COMP-22

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.6	26.4
203	19.1	14.7	22.1

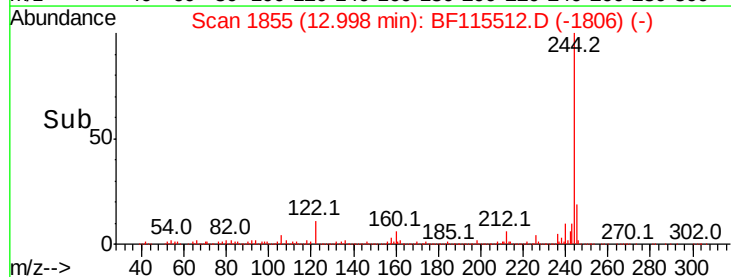
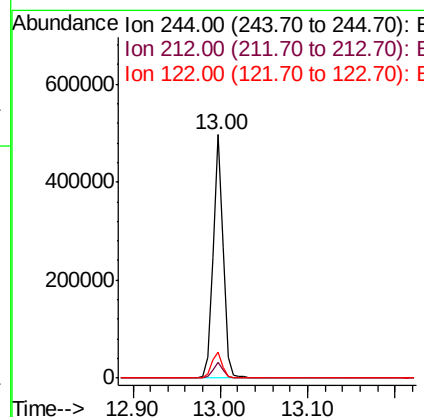
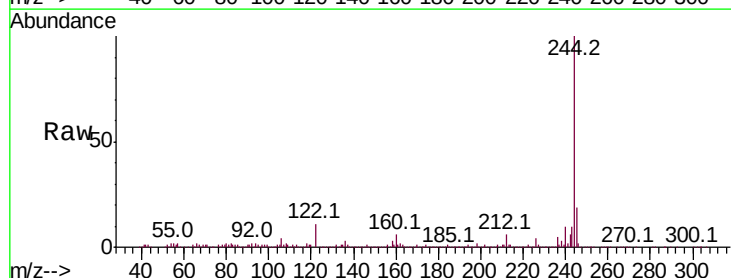
Manual Integrations
APPROVED

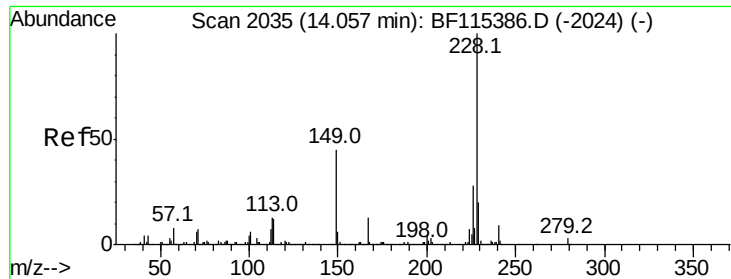
mohammad
7/12/2019 10:37:47 PM



#79
Terphenyl-d14
Concen: 22.549 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BF115512.D
Acq: 11 Jul 2019 23:21

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.7	8.5
122	10.7	9.1	13.7





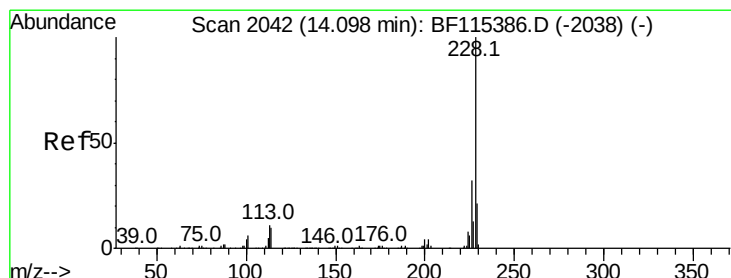
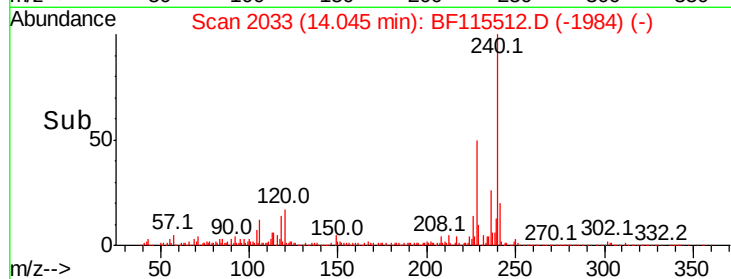
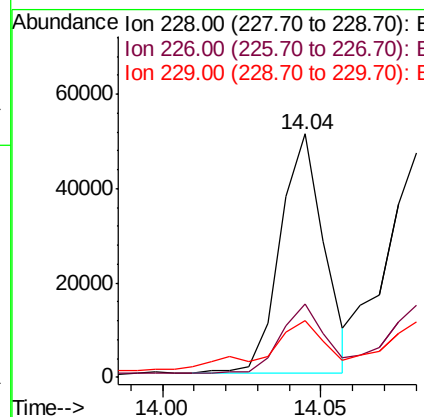
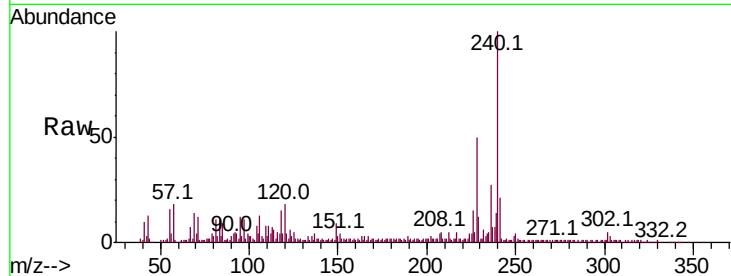
#81
Benzo(a)anthracene
Concen: 2.124 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF115512.D
Acq: 11 Jul 2019 23:21

Instrument :
BNA_F
ClientSampleId :
COMP-22

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.6	34.0
229	23.1	16.4	24.6

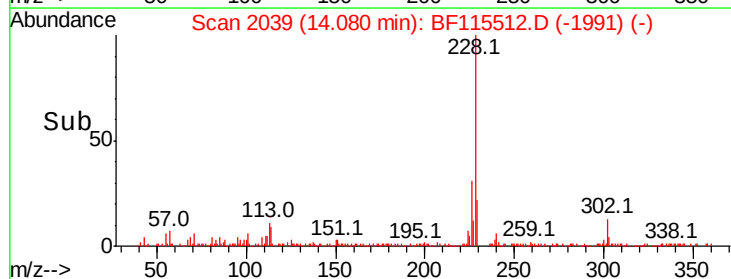
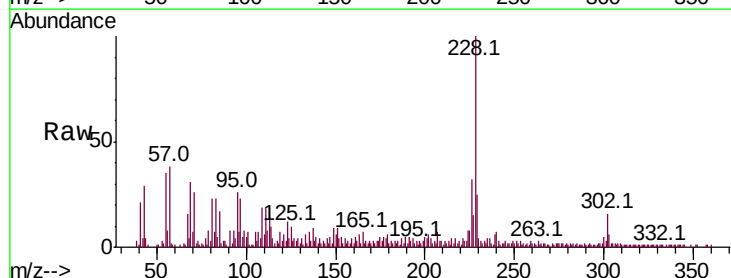
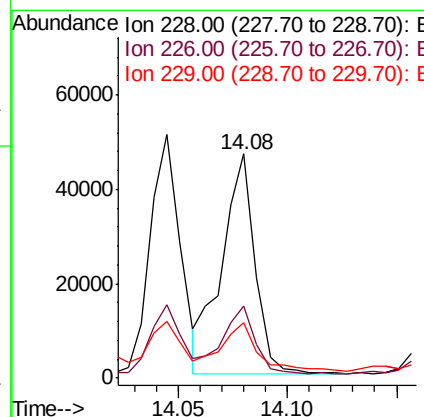
Manual Integrations
APPROVED

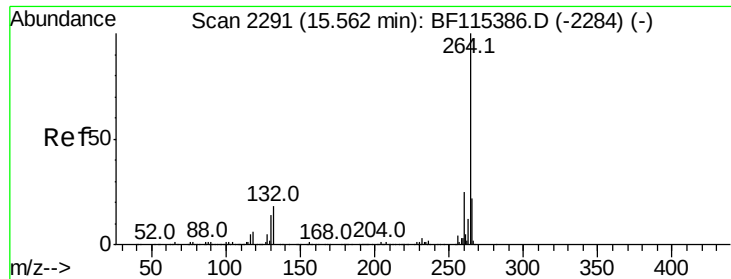
mohammad
7/12/2019 10:37:47 PM



#83
Chrysene
Concen: 2.068 ng m
RT: 14.08 min Scan# 2039
Delta R.T. -0.02 min
Lab File: BF115512.D
Acq: 11 Jul 2019 23:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.3	25.1	37.7
229	24.7	16.1	24.1#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2287

Delta R.T. -0.02 min

Lab File: BF115512.D

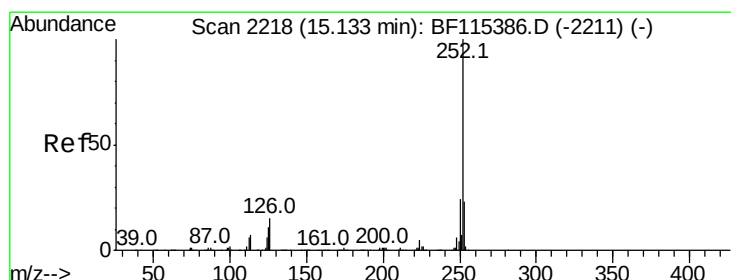
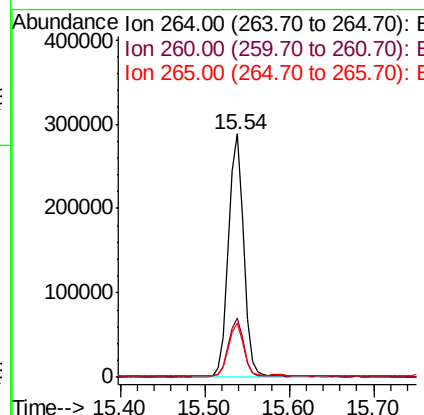
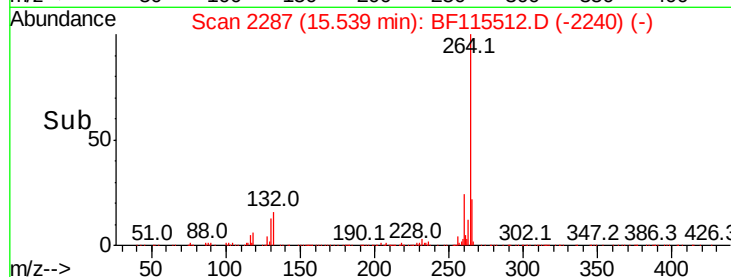
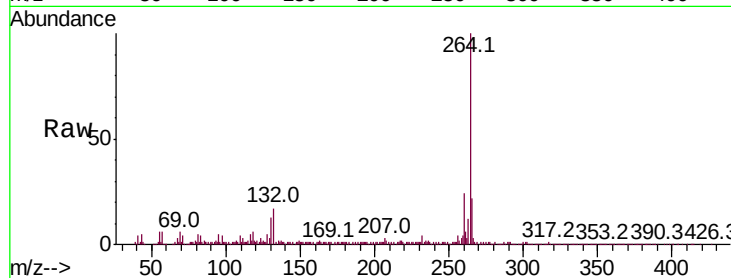
Acq: 11 Jul 2019 23:21

Instrument :
BNA_F
ClientSampleId :
COMP-22

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	24.1	20.1	30.1
265	22.0	17.8	26.6

Manual Integrations
APPROVED

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#88

Benzo(b)fluoranthene

Concen: 2.672 ng m

RT: 15.10 min Scan# 2212

Delta R.T. -0.04 min

Lab File: BF115512.D

Acq: 11 Jul 2019 23:21

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	30.5	18.0	27.0#
125	24.7	8.5	12.7#

