

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
 Data File : BF116160.D
 Acq On : 10 Aug 2019 20:21
 Operator : HP/JU
 Sample : K4245-05 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-27

Manual Integrations
 APPROVED

mohammad
 8/14/2019 2:54:57 AM

Quant Time: Aug 12 03:19:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	155148	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	611721	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	282028	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	399137	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	299119	20.00	ng	0.00
87) Perylene-d12	15.47	264	280416	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	78212	8.44	ng	0.00
7) Phenol-d6	6.48	99	115922	9.91	ng	0.00
23) Nitrobenzene-d5	7.41	82	64986	6.13	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	13318	4.87	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	136584	9.07	ng	-0.01
79) Terphenyl-d14	12.94	244	98359	6.93	ng	-0.01
Target Compounds						
71) Phenanthrene	11.38	178	88539	4.339	ng	Qvalue 97
75) Fluoranthene	12.57	202	171917	8.048	ng	99
78) Pyrene	12.80	202	149111	6.613	ng	99
81) Benzo(a)anthracene	13.99	228	71025	3.715	ng	98
83) Chrysene	14.03	228	64299	3.464	ng	96
88) Benzo(b)fluoranthene	15.04	252	64169m	3.958	ng	
90) Benzo(a)pyrene	15.41	252	43741	3.018	ng	# 94

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

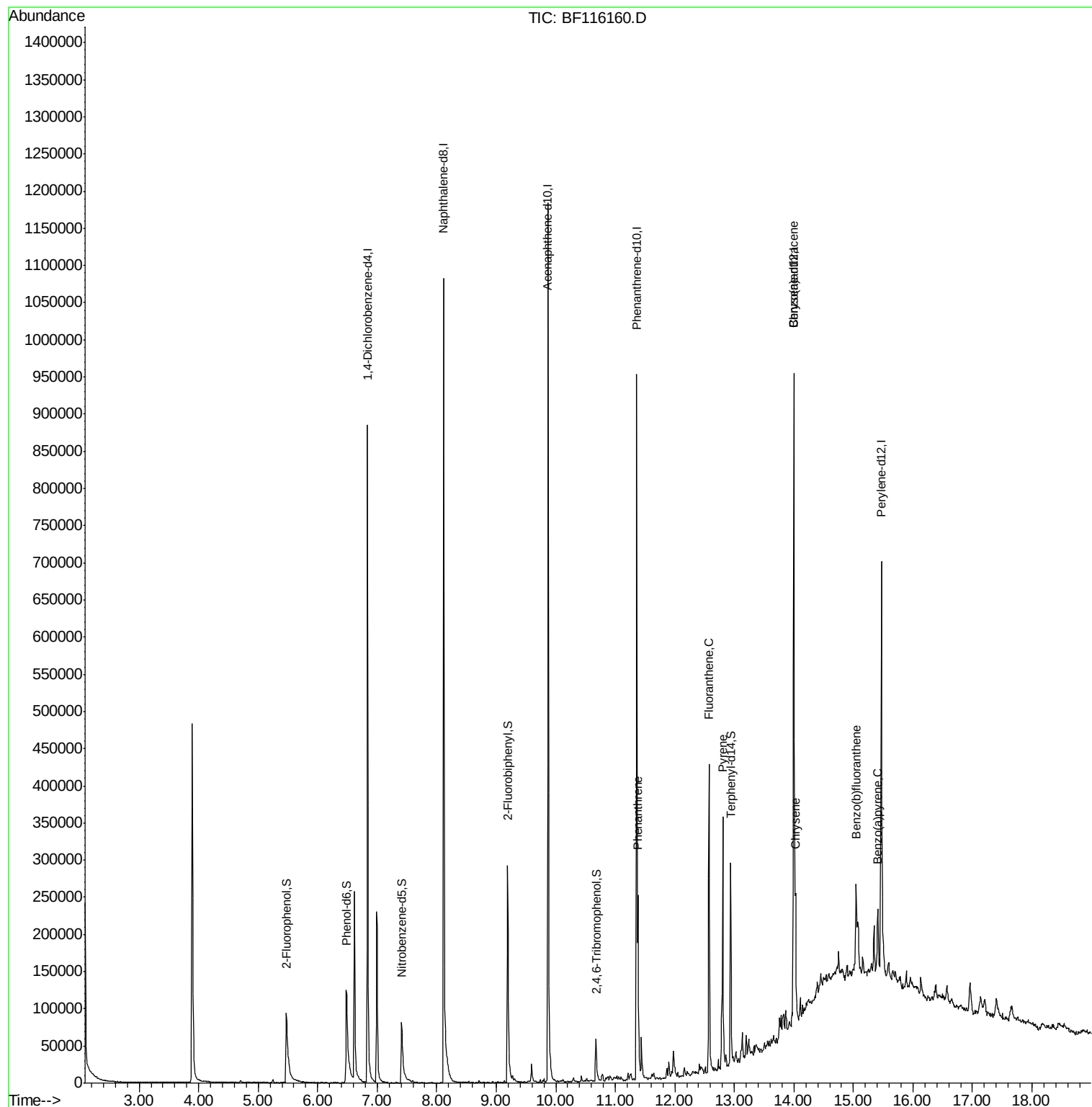
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
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Sample : K4245-05 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

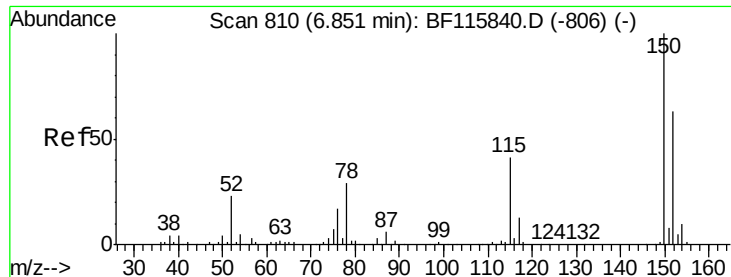
Instrument :
BNA_F
ClientSampleId :
COMP-27

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#1

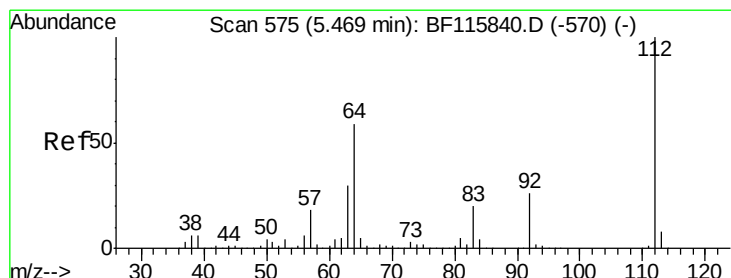
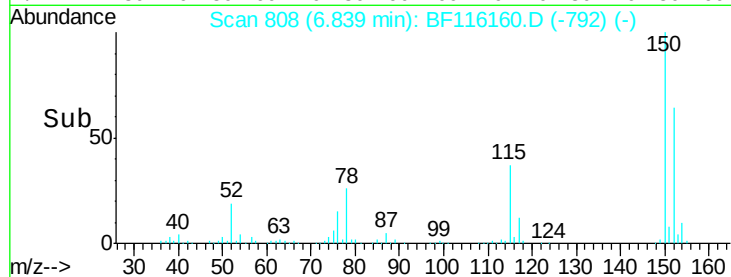
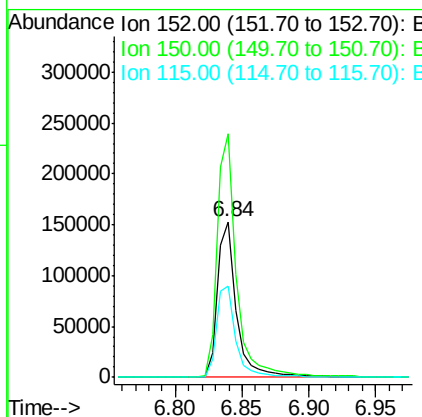
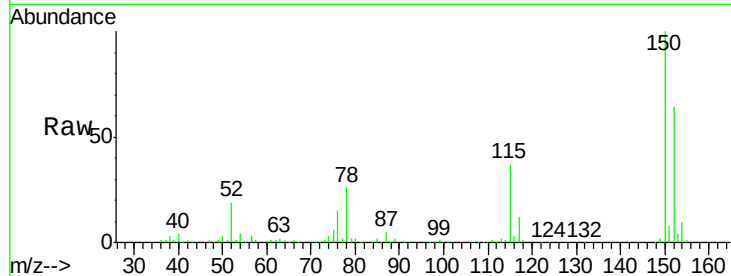
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116160.D
Acq: 10 Aug 2019 20:21

Instrument :
BNA_F
ClientSampleId :
COMP-27

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	126.2	189.2
115	58.6	49.9	74.9

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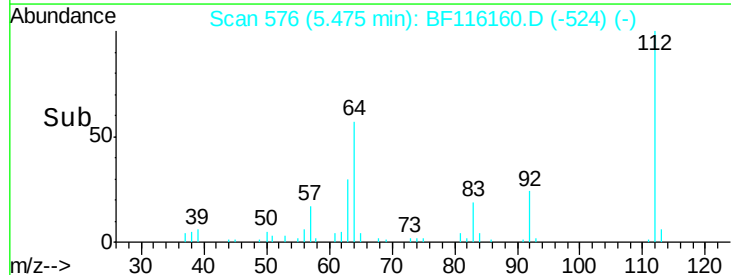
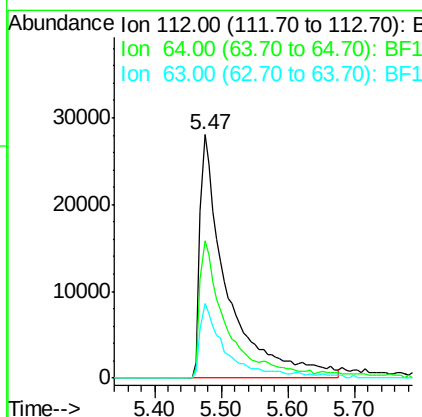
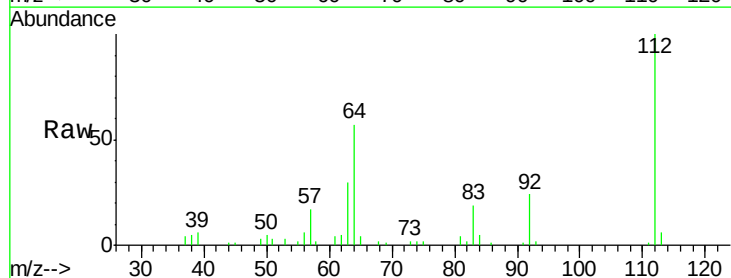
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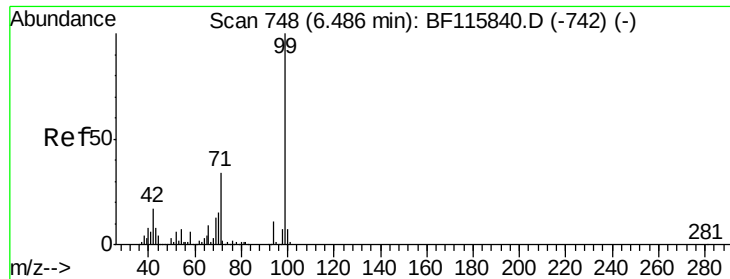


#5

2-Fluorophenol
Concen: 8.439 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF116160.D
Acq: 10 Aug 2019 20:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.7	45.4	68.2
63	30.4	23.7	35.5





#7

Phenol-d6

Concen: 9.914 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116160.D

Acq: 10 Aug 2019 20:21

Instrument :

BNA_F

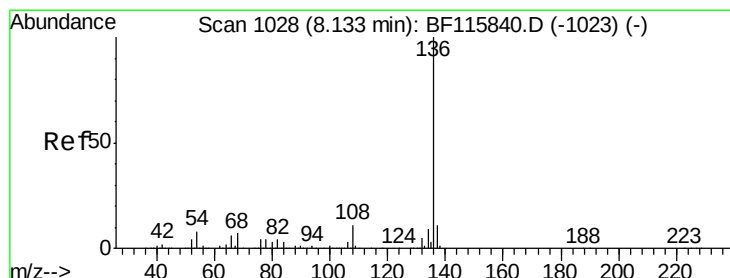
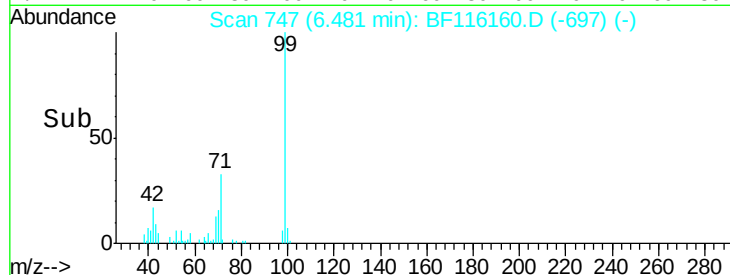
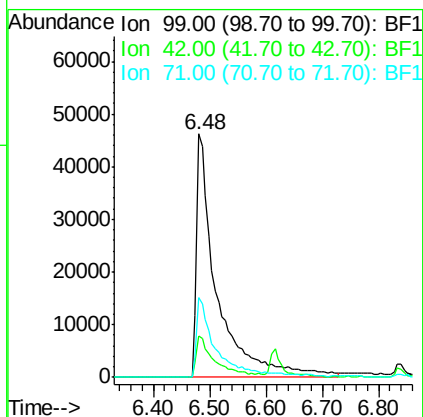
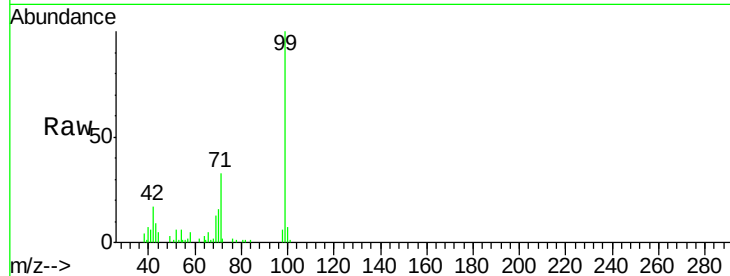
ClientSampleId :

COMP-27

Tot Ion:	99	Resp:	115922
Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.8	20.8
71	32.6	27.3	40.9

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#21

Naphthalene-d8

Concen: 20.000 ng

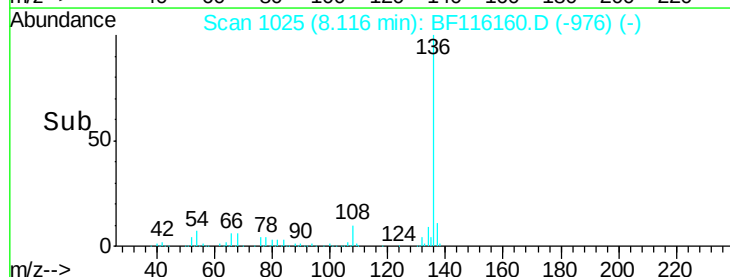
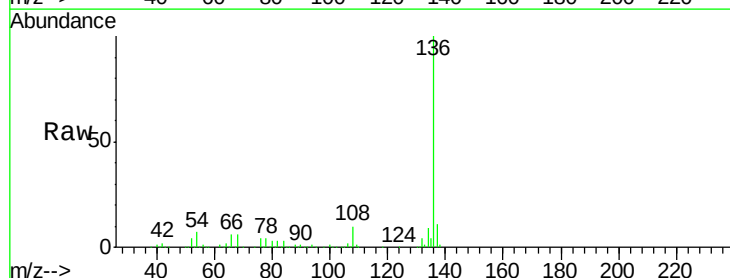
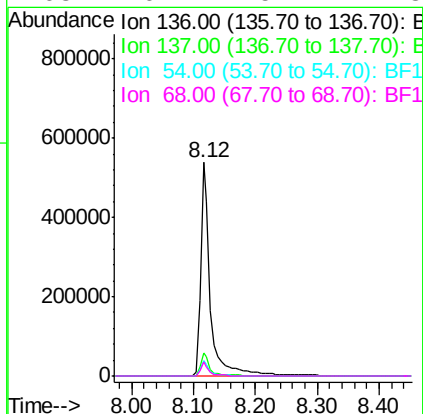
RT: 8.12 min Scan# 1025

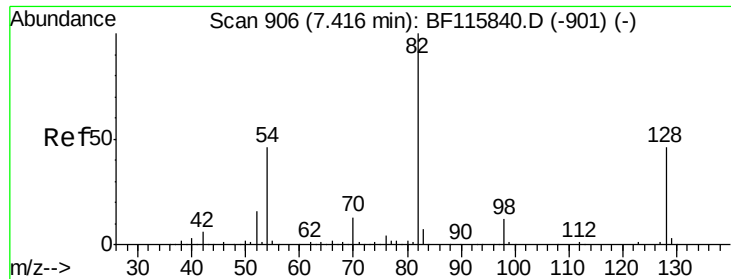
Delta R.T. -0.01 min

Lab File: BF116160.D

Acq: 10 Aug 2019 20:21

Tgt Ion:	136	Resp:	611721
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	7.3	5.8	8.6
68	6.4	5.2	7.8





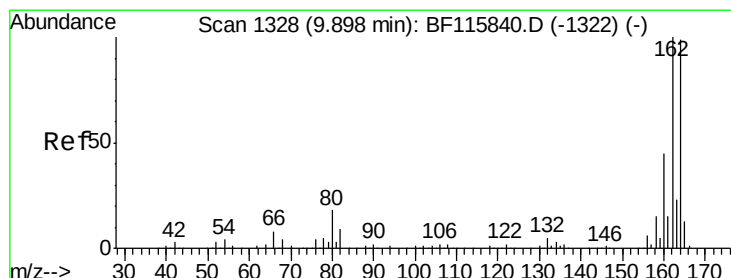
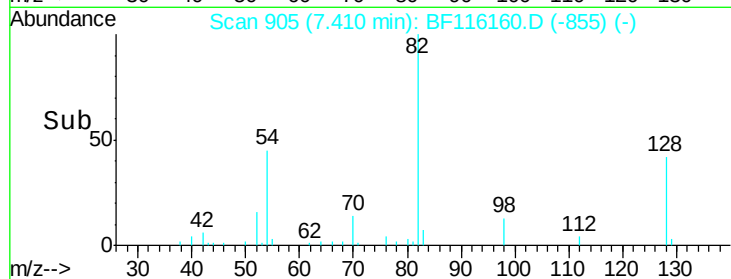
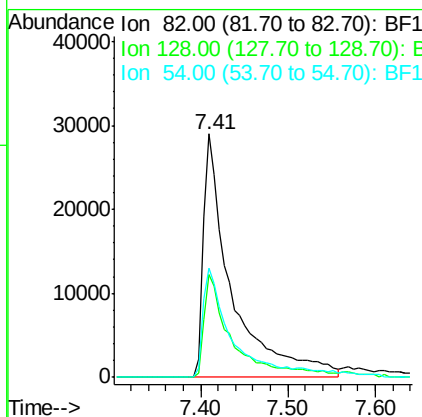
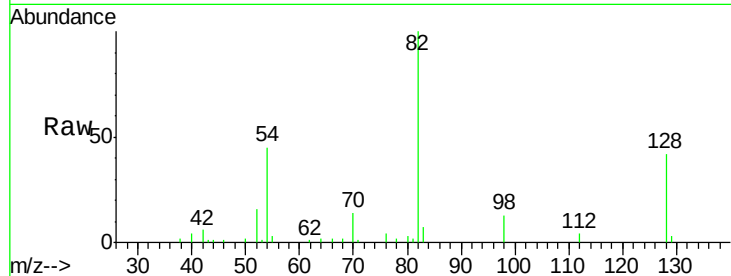
#23
 Nitrobenzene-d5
 Concen: 6.132 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF116160.D
 Acq: 10 Aug 2019 20:21

Instrument :
 BNA_F
 ClientSampleId :
 COMP-27

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.0	36.5	54.7
54	44.9	36.0	54.0

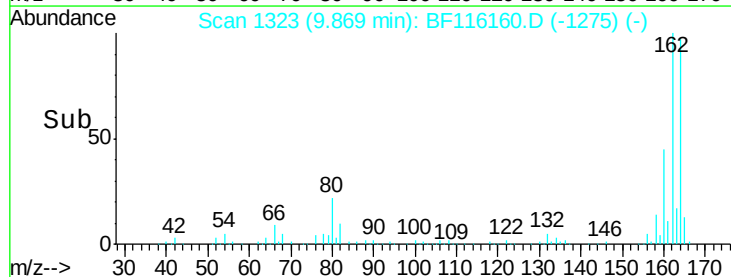
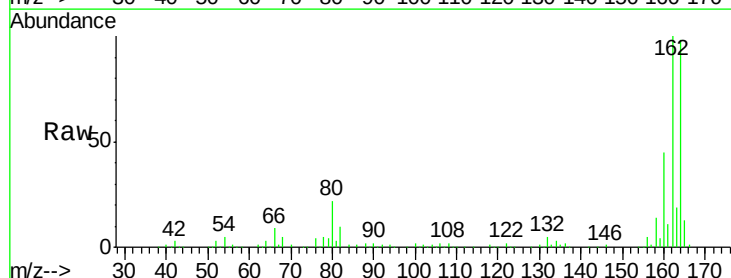
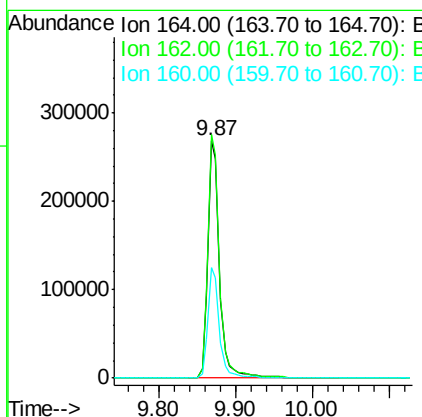
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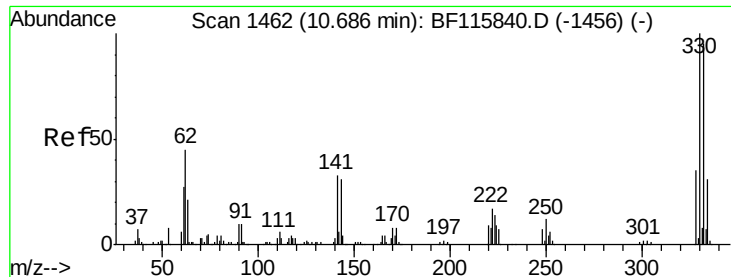
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF116160.D
 Acq: 10 Aug 2019 20:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.6	124.0
160	46.3	37.6	56.4





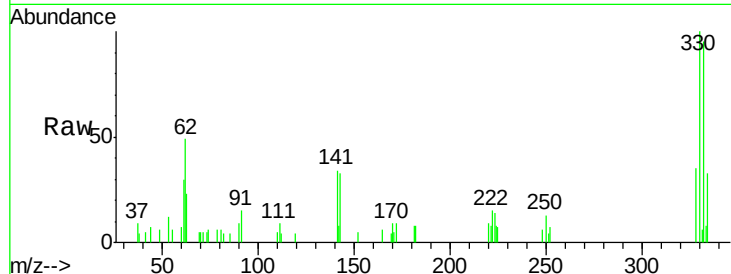
#42
 2,4,6-Tribromophenol
 Concen: 4.871 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.00 min
 Lab File: BF116160.D
 Acq: 10 Aug 2019 20:21

Instrument :
 BNA_F
 ClientSampled :
 COMP-27

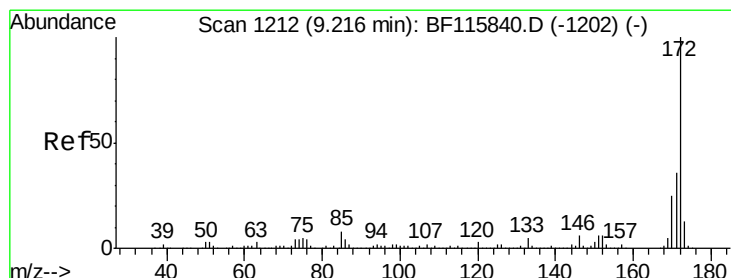
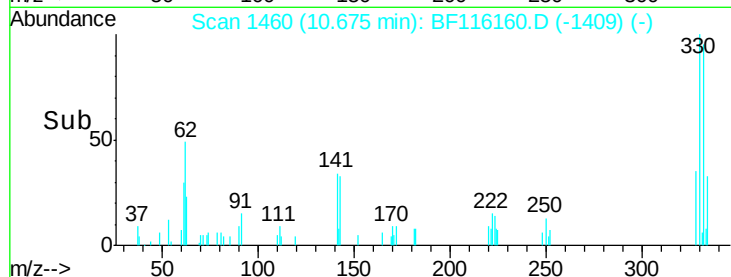
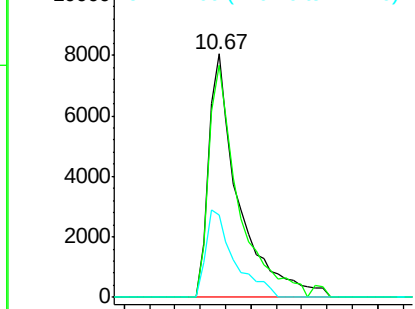
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.3	76.8	115.2
141	33.9	26.3	39.5

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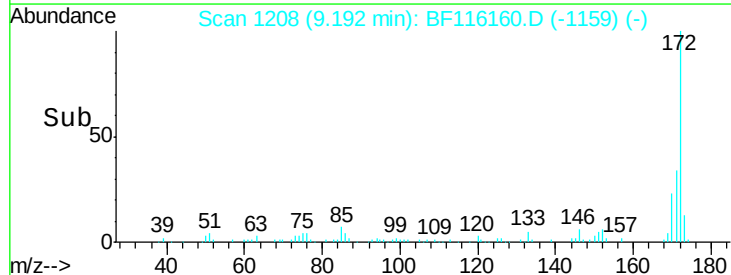
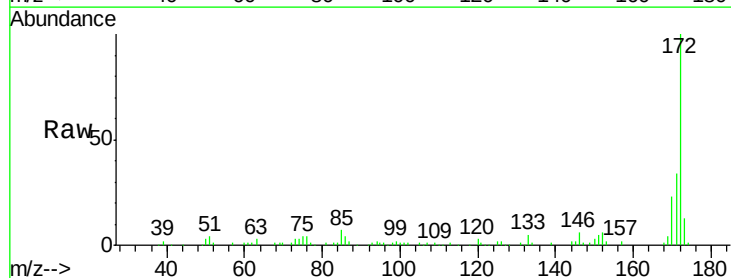
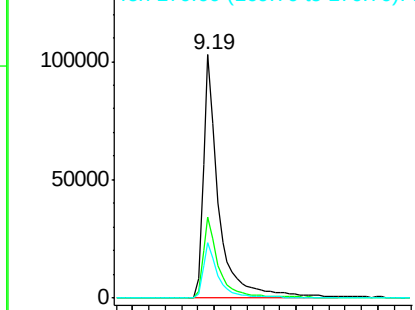
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

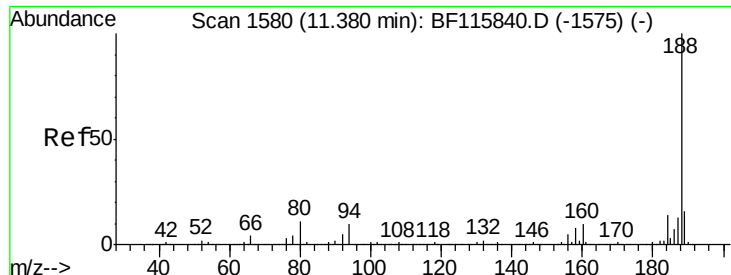


#45
 2-Fluorobiphenyl
 Concen: 9.071 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF116160.D
 Acq: 10 Aug 2019 20:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.5	29.6	44.4
170	23.0	20.1	30.1

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





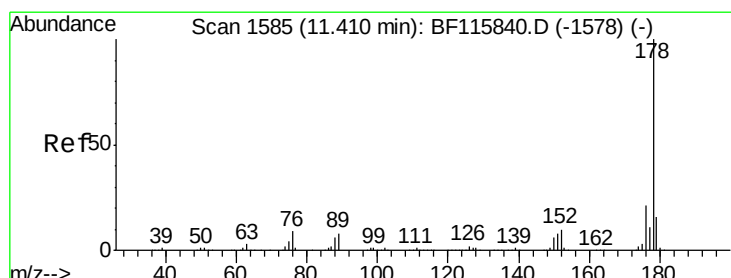
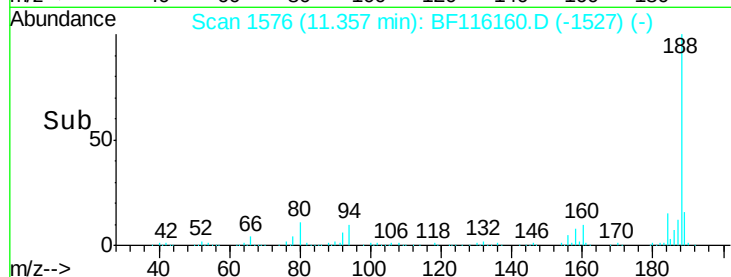
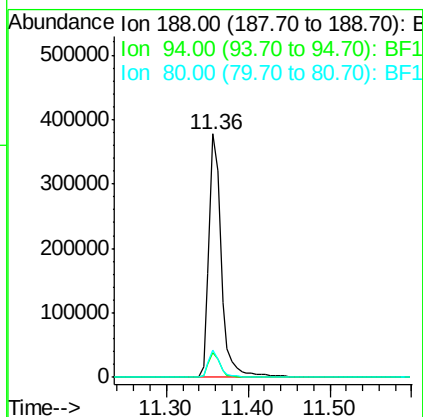
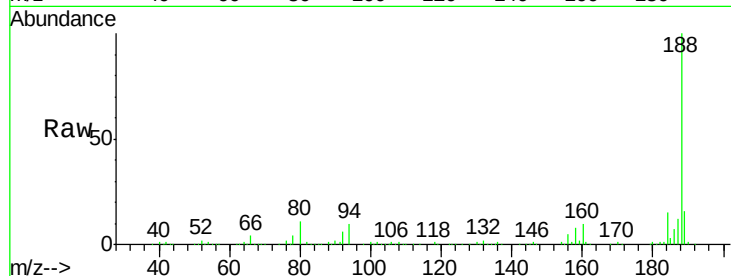
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116160.D
Acq: 10 Aug 2019 20:21

Instrument :
BNA_F
ClientSampled :
COMP-27

Tot Ion	Ratio	Resp	Lower	Upper
188	100	399137		
94	10.0	8.1	12.1	
80	11.0	8.7	13.1	

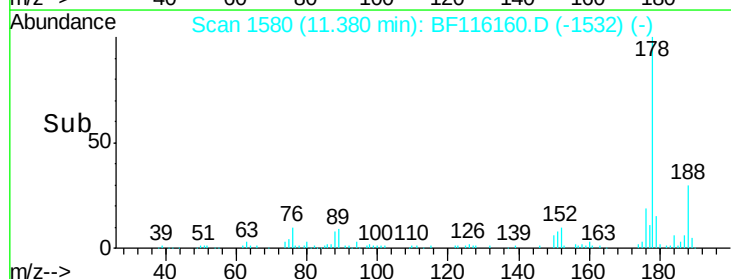
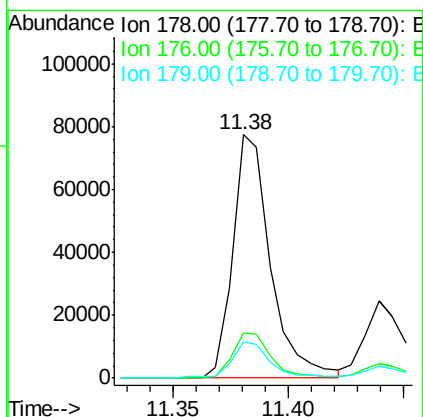
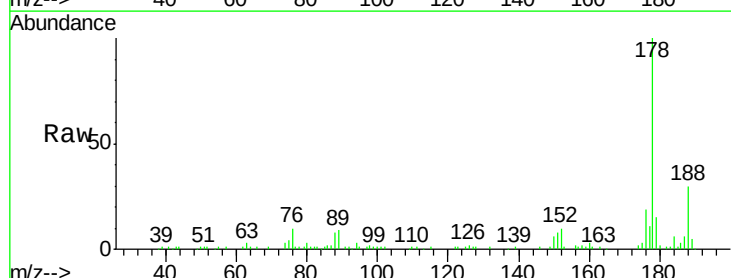
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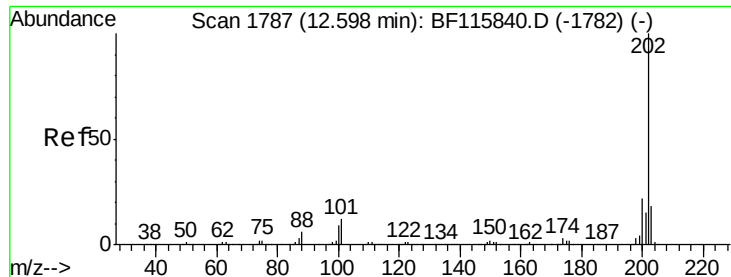
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#71
Phenanthrene
Concen: 4.339 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF116160.D
Acq: 10 Aug 2019 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	88539		
176	18.7	16.6	24.8	
179	15.1	12.5	18.7	





#75

Fluoranthene

Concen: 8.048 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF116160.D

Acq: 10 Aug 2019 20:21

Instrument :

BNA_F

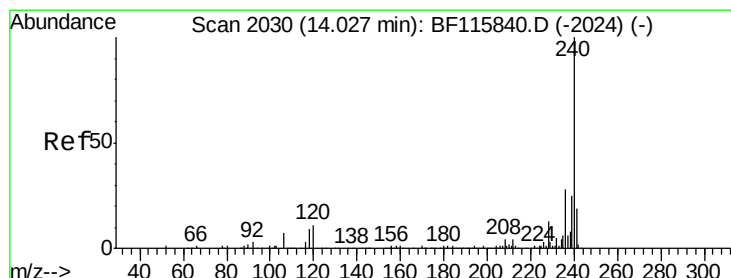
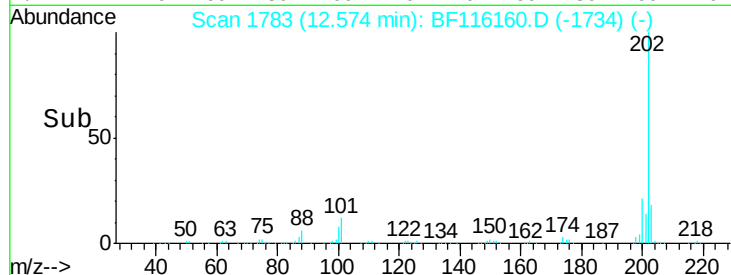
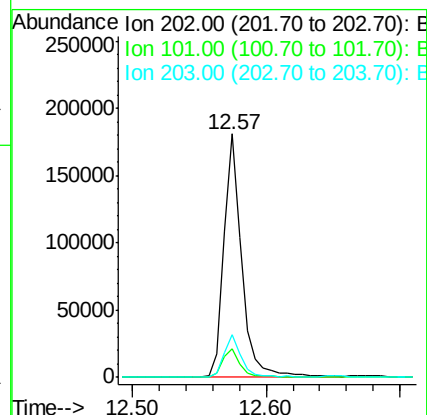
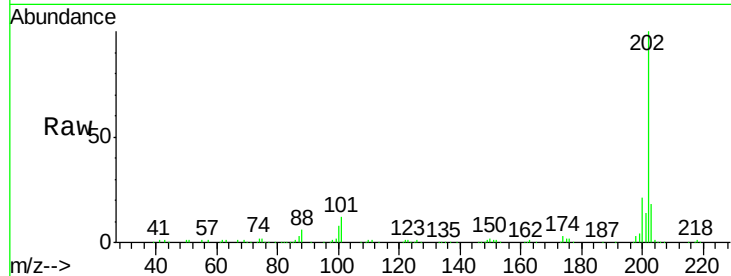
ClientSampled :

COMP-27

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		171917		
101	11.6	0.0	31.2		
203	17.6	0.0	37.8		

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

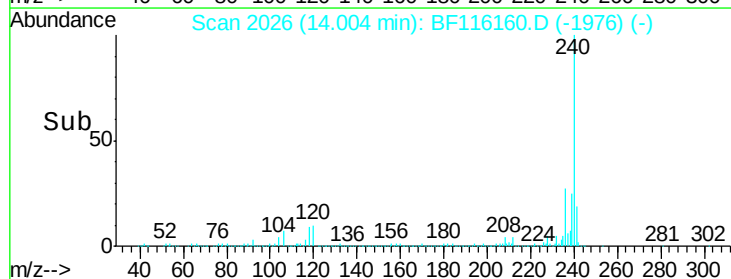
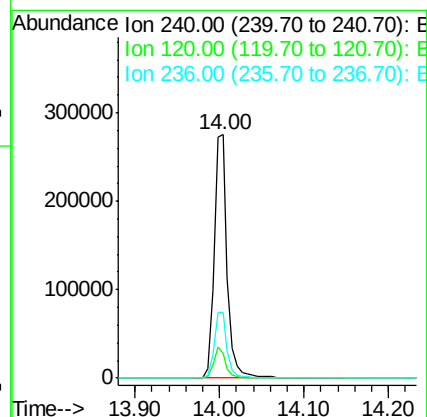
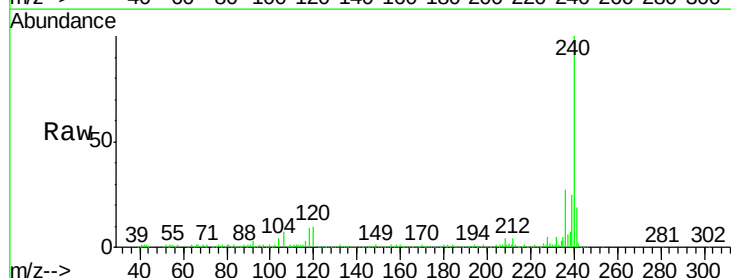
RT: 14.00 min Scan# 2026

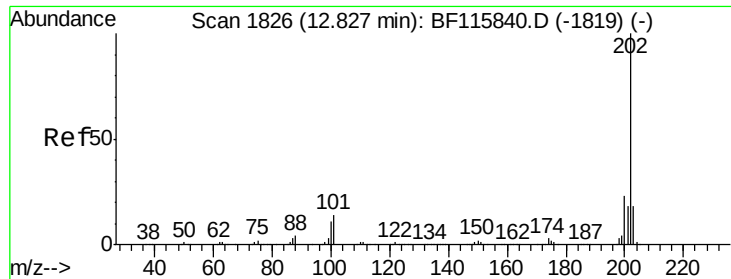
Delta R.T. -0.01 min

Lab File: BF116160.D

Acq: 10 Aug 2019 20:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		299119		
120	10.3	10.7	16.1#		
236	27.2	22.2	33.2		





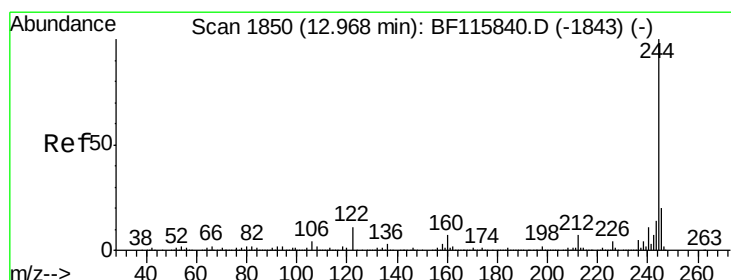
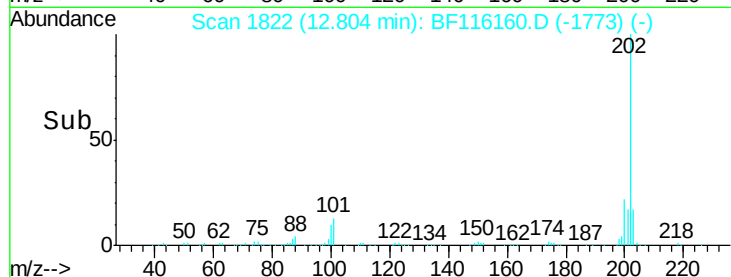
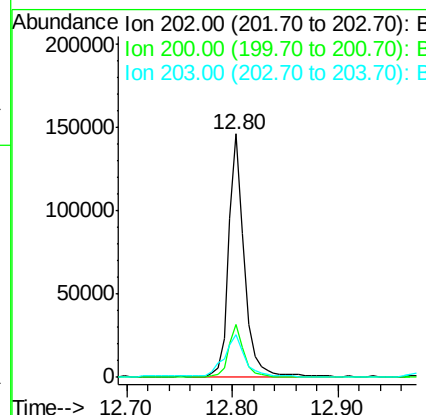
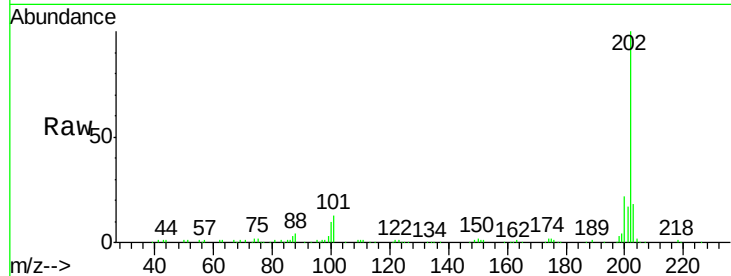
#78
Pvrene
Concen: 6.613 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF116160.D
Acq: 10 Aug 2019 20:21

Instrument :
BNA_F
ClientSampleId :
COMP-27

Tot Ion	Ratio	Resp	Lower	Upper
202	100	149111		
200	21.7	18.0	27.0	
203	17.7	14.1	21.1	

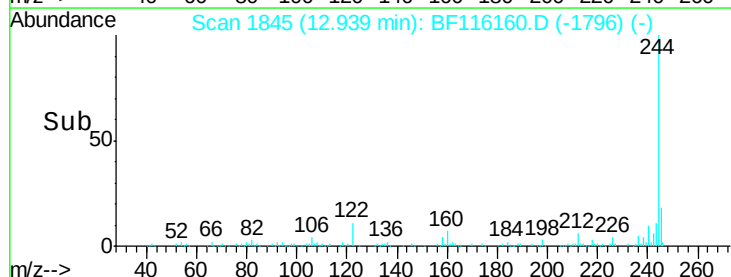
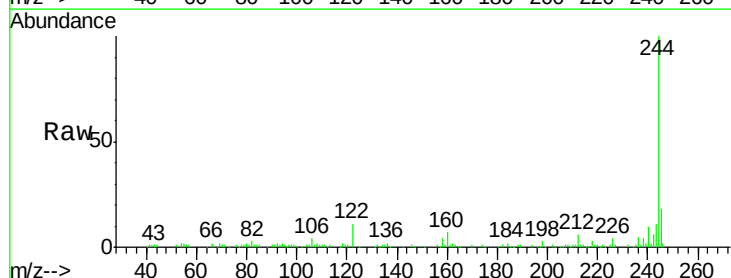
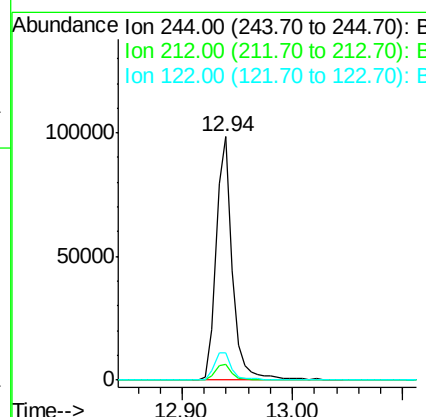
Manual Integrations
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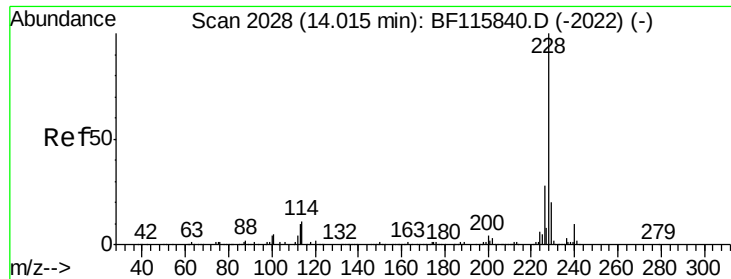
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#79
Terphenyl-d14
Concen: 6.929 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF116160.D
Acq: 10 Aug 2019 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	98359		
212	6.5	5.8	8.8	
122	11.1	9.0	13.4	





#81

Benzo(a)anthracene

Concen: 3.715 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF116160.D

Acq: 10 Aug 2019 20:21

Instrument :

BNA_F

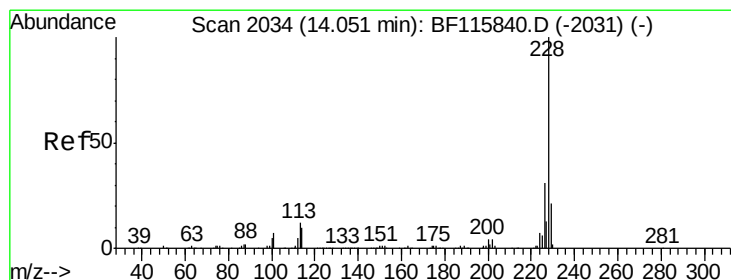
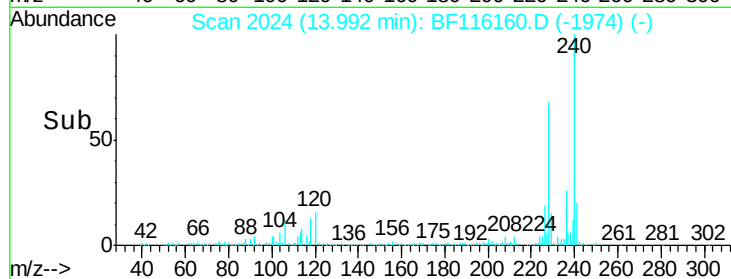
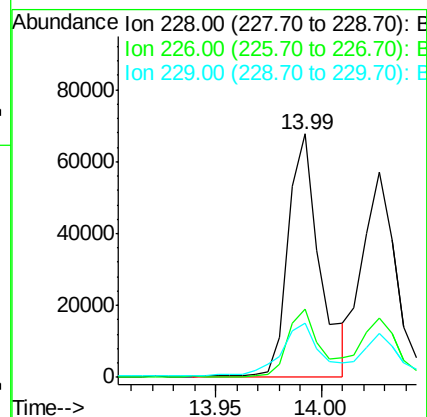
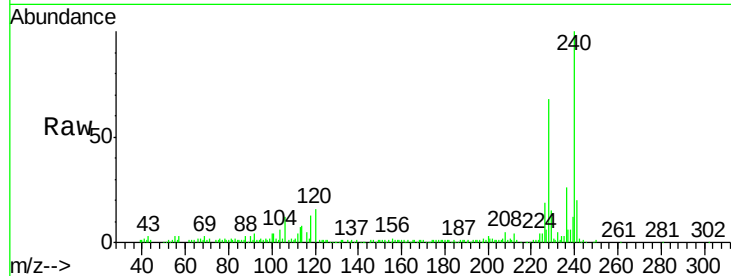
ClientSampleId :

COMP-27

Tot Ion:	228	Resp:	71025
Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.7	34.1
229	22.0	16.2	24.4

Manual Integrations
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#83

Chrysene

Concen: 3.464 ng

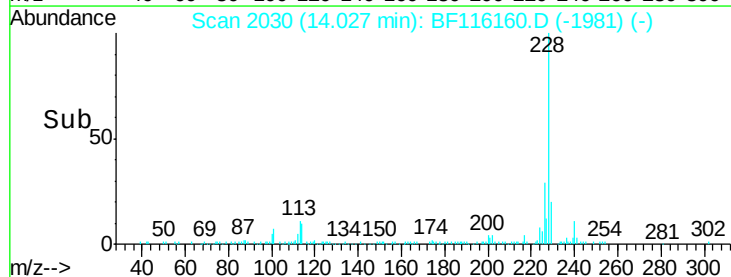
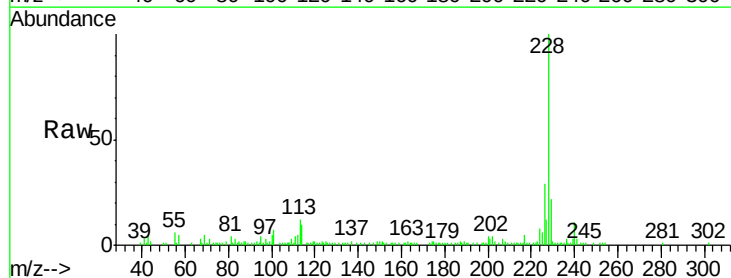
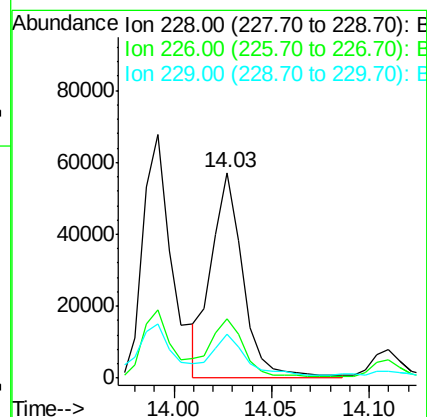
RT: 14.03 min Scan# 2030

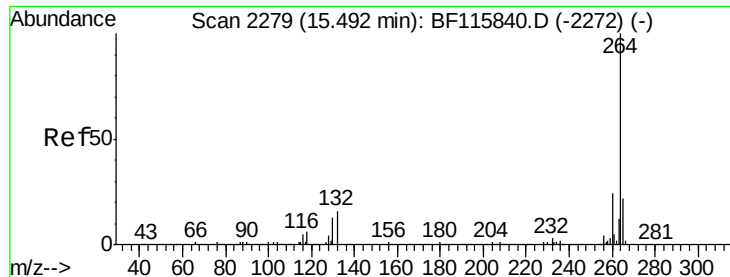
Delta R.T. -0.01 min

Lab File: BF116160.D

Acq: 10 Aug 2019 20:21

Tgt Ion:	228	Resp:	64299
Ion	Ratio	Lower	Upper
228	100		
226	28.8	25.5	38.3
229	21.6	16.6	24.8





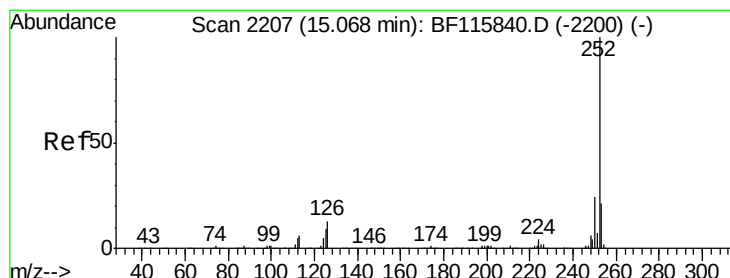
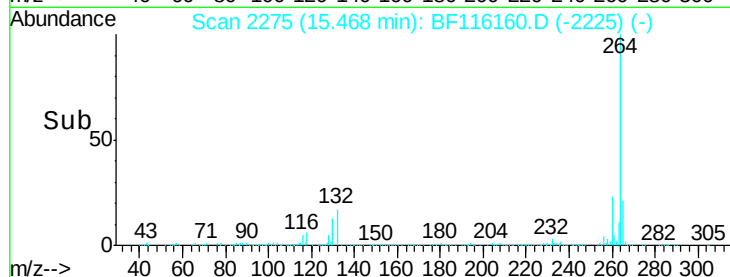
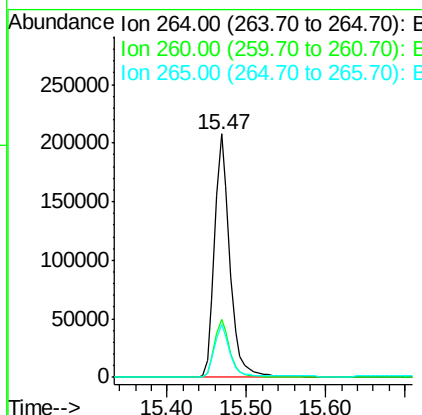
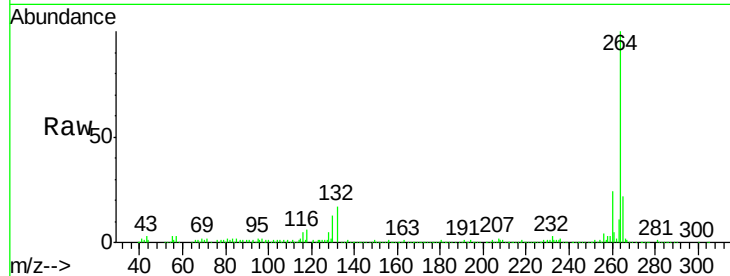
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF116160.D
Acq: 10 Aug 2019 20:21

Instrument :
BNA_F
ClientSampled :
COMP-27

Tot Ion	Ratio	Resp	Lower	Upper
264	100	280416		
260	23.6		19.7	29.5
265	21.6		17.4	26.0

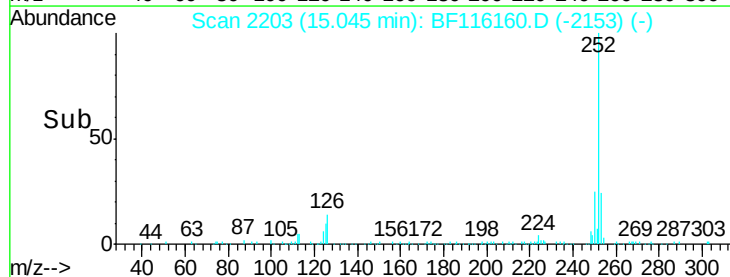
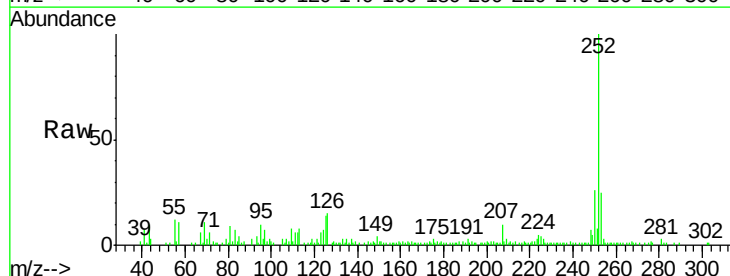
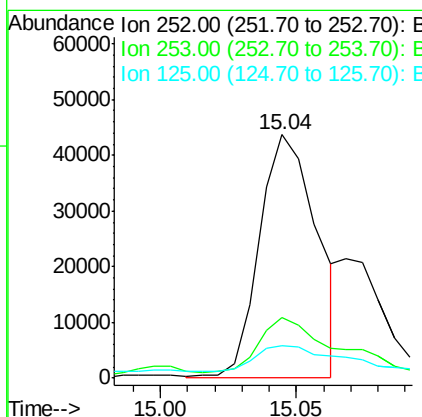
Manual Integrations
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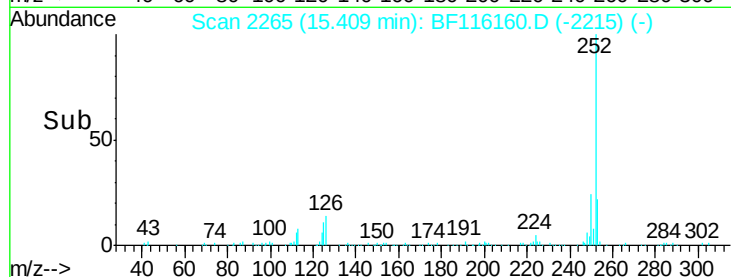
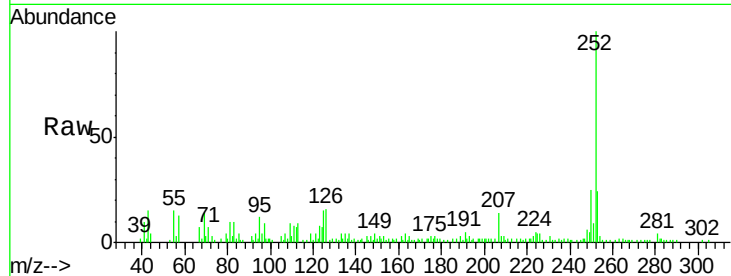
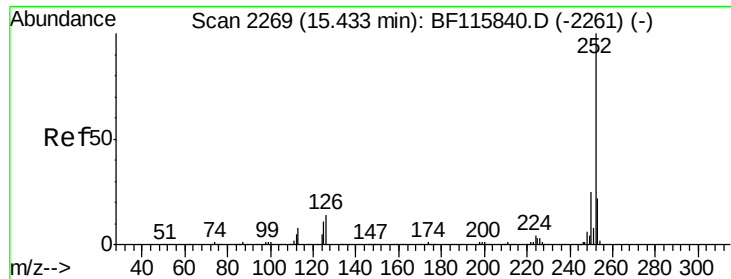
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#88
Benzo(b)fluoranthene
Concen: 3.958 ng m
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF116160.D
Acq: 10 Aug 2019 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	64169		
253	25.0		17.8	26.8
125	13.5		8.4	12.6#





#90

Benzo(a)pyrene

Concen: 3.018 ng

RT: 15.41 min Scan# 2265

Delta R.T. -0.01 min

Lab File: BF116160.D

Acq: 10 Aug 2019 20:21

Instrument :

BNA_F

ClientSampleId :

COMP-27

Tot Ion:	252	Resp:	43741
Ion Ratio	Lower	Upper	
252	100		
253	24.4	18.0	27.0
125	14.8	8.9	13.3

Manual Integrations
APPROVED

mohammad
8/14/2019 2:54:57 AM

