Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101320\
Data File : BF121949.D
Acq On : 13 Oct 2020 20:52
Operator : JU/CG
Sample : L4375-04 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OIL-1

Quant Time: Oct 14 02:08:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 12 16:22:33 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	94680	20.00	ng	0.00
21) Naphthalene-d8	8.027	136	361335	20.00	ng	0.00
39) Acenaphthene-d10	9.780	164	143869	20.00	ng	0.00
64) Phenanthrene-d10	11.268	188	240554	20.00	ng	# 0.00
76) Chrysene-d12	13.904	240	269824	20.00	ng	-0.01
86) Perylene-d12	15.339	264	269643	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	5475	0.85	ng	0.02
7) Phenol-d6	6.410	99	7746	0.94	ng	0.01
23) Nitrobenzene-d5	7.316	82	5509	0.78	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	1595	0.90	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	12507	1.28	ng	-0.01
79) Terphenyl-d14	12.851	244	13074	0.92	ng	-0.01
Target Compounds						Qvalue

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

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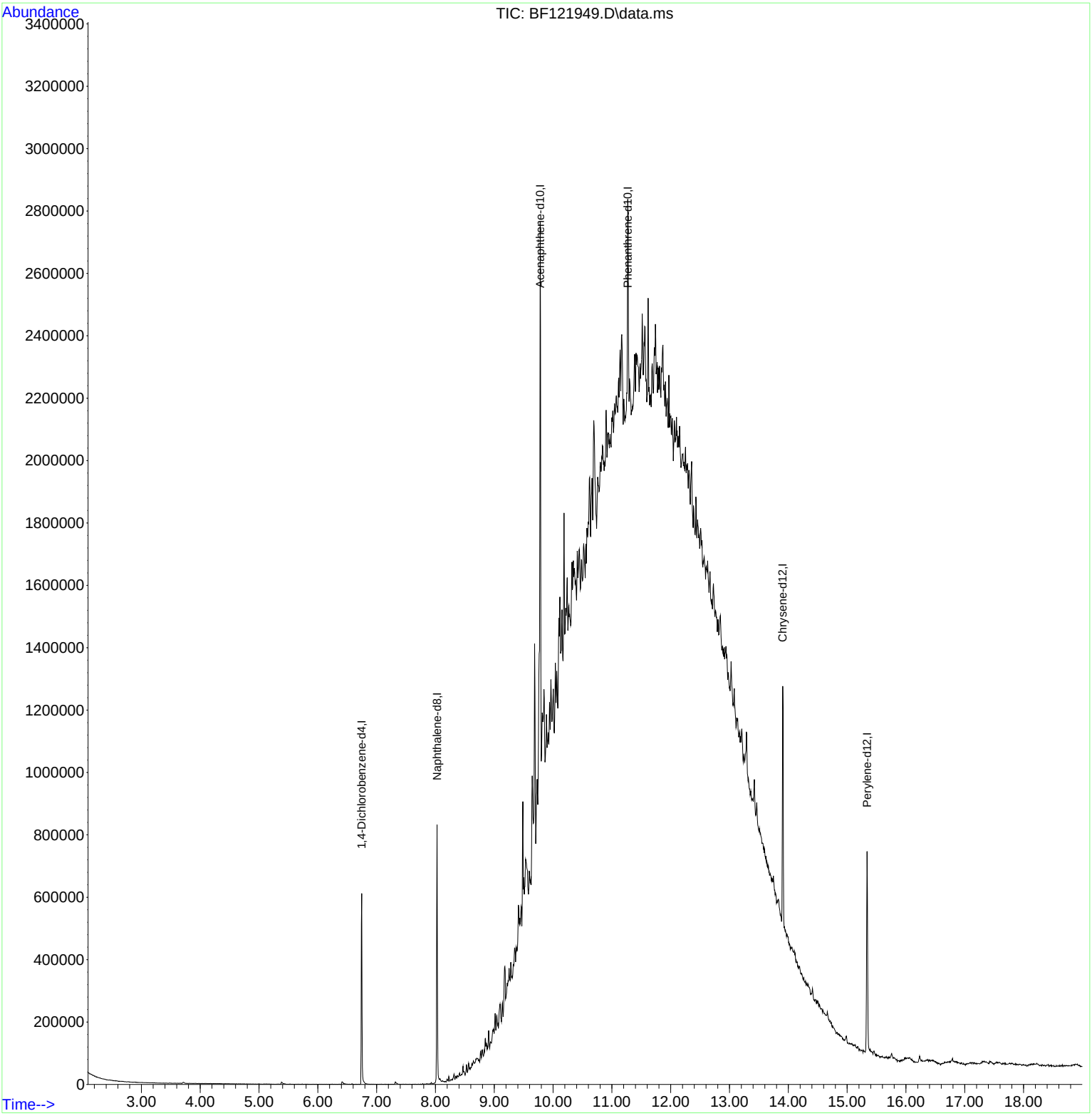

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BNA_F
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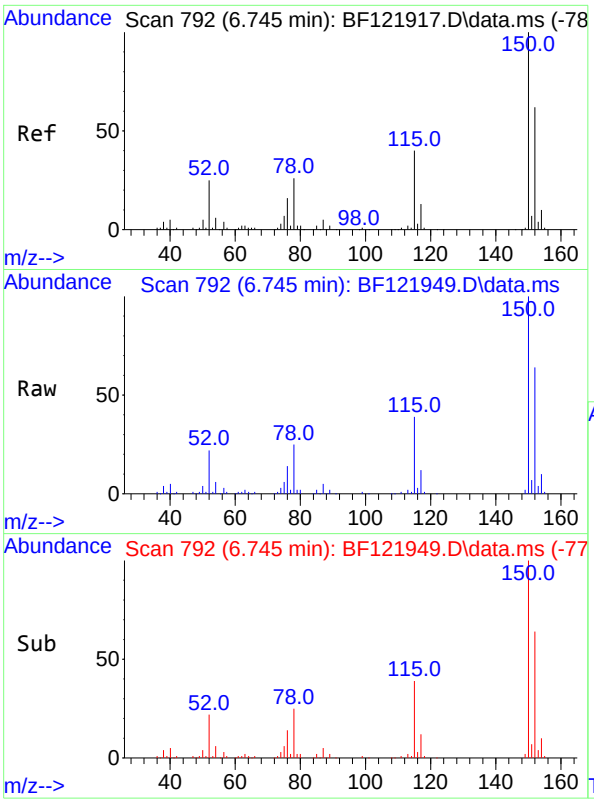
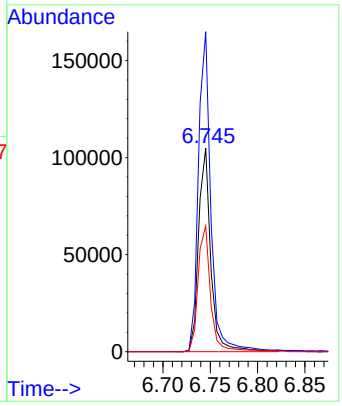
OIL-1

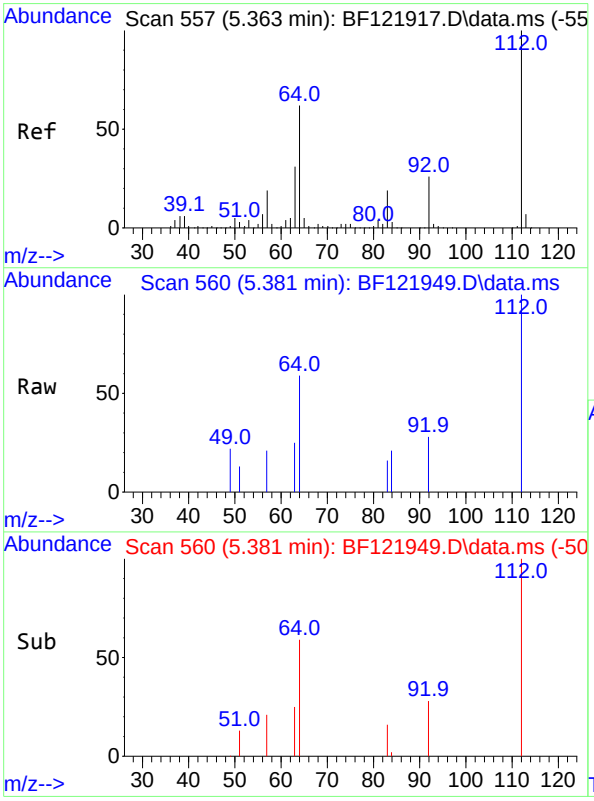


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.745 min Scan# 792
Delta R.T. 0.000 min
Lab File: BF121949.D
Acq: 13 Oct 2020 20:52

Tgt Ion:152 Resp: 94680

Ion	Ratio	Lower	Upper
152	100		
150	157.1	125.3	187.9
115	61.7	51.9	77.9

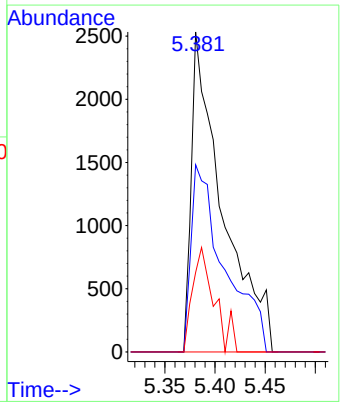




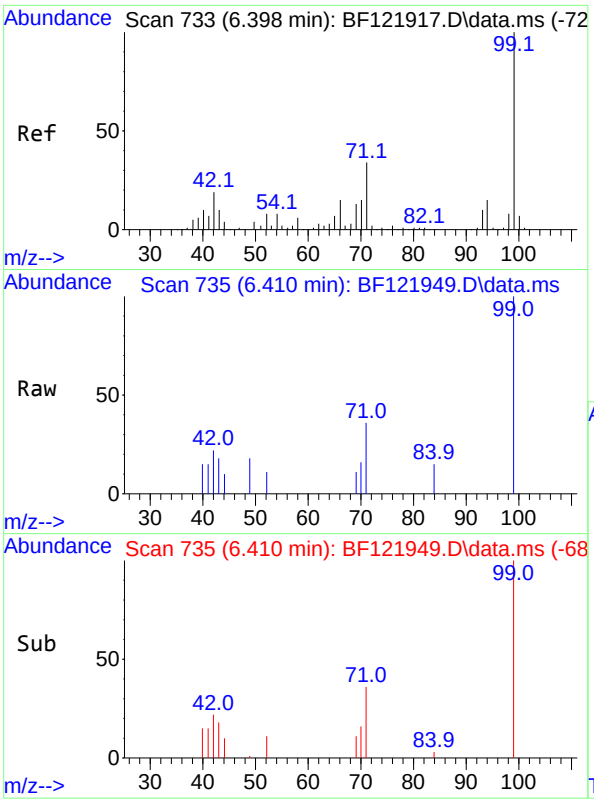
#5
2-Fluorophenol
Concen: 0.85 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.017 min
Lab File: BF121949.D
Acq: 13 Oct 2020 20:52

Tgt Ion:112 Resp: 5475

Ion	Ratio	Lower	Upper
112	100		
64	58.5	50.4	75.6
63	24.8	25.8	38.6#



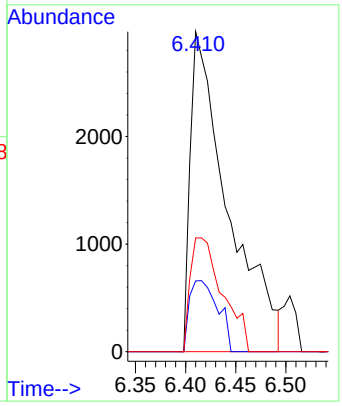
Instrument :
BNA_F
ClientSampleId :
OIL-1

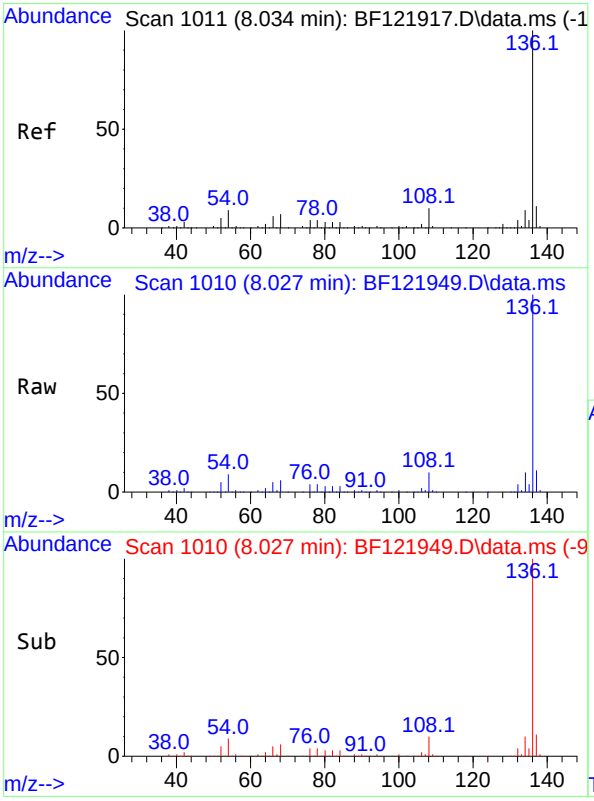


#7
Phenol-d6
Concen: 0.94 ng
RT: 6.410 min Scan# 735
Delta R.T. 0.012 min
Lab File: BF121949.D
Acq: 13 Oct 2020 20:52

Tgt Ion: 99 Resp: 7746

Ion	Ratio	Lower	Upper
99	100		
42	22.1	15.9	23.9
71	35.6	27.1	40.7

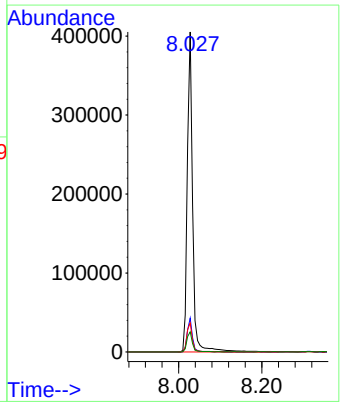




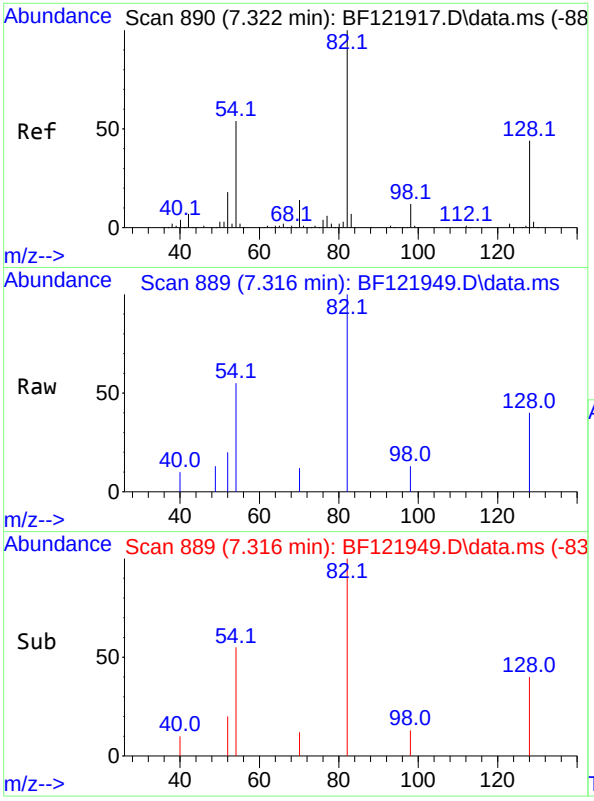
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.027 min Scan# 1010
Delta R.T. -0.007 min
Lab File: BF121949.D
Acq: 13 Oct 2020 20:52

Tgt Ion:136 Resp: 361335

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	9.1	7.1	10.7
68	6.3	5.0	7.4



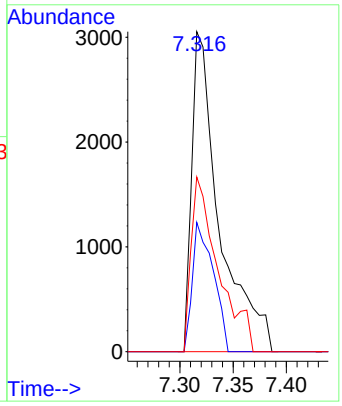
Instrument :
BNA_F
ClientSampleId :
OIL-1

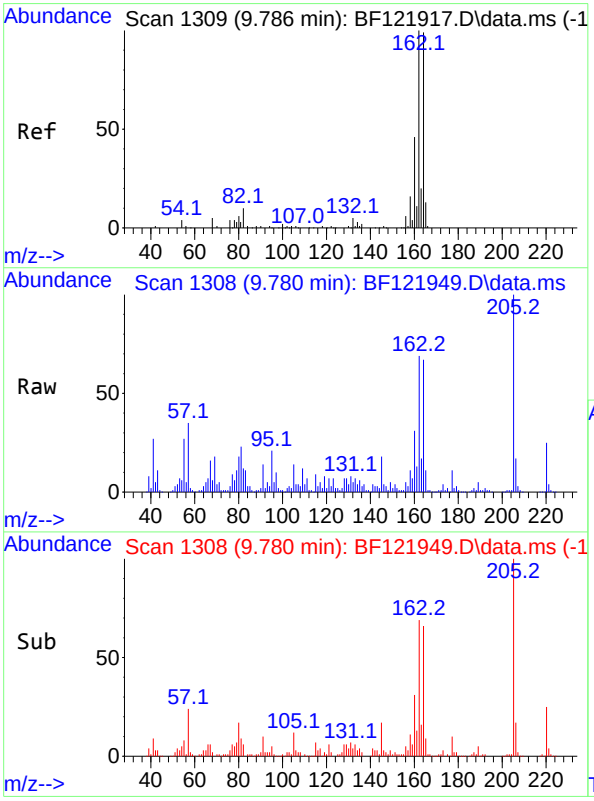


#23
Nitrobenzene-d5
Concen: 0.78 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF121949.D
Acq: 13 Oct 2020 20:52

Tgt Ion: 82 Resp: 5509

Ion	Ratio	Lower	Upper
82	100		
128	40.4	35.0	52.4
54	54.6	43.9	65.9

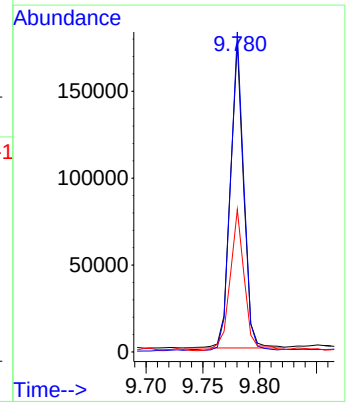




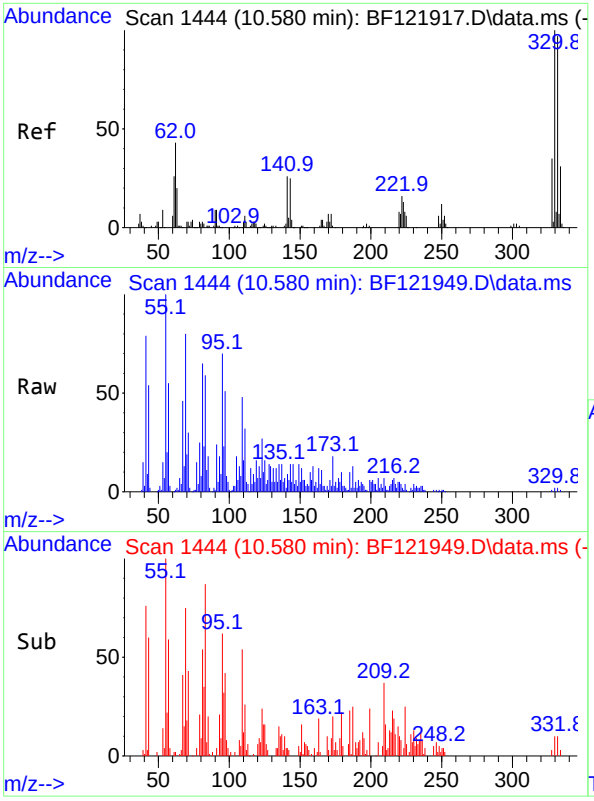
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.780 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF121949.D
Acq: 13 Oct 2020 20:52

Tgt Ion:164 Resp: 143869

Ion	Ratio	Lower	Upper
164	100		
162	103.5	83.2	124.8
160	46.1	37.5	56.3



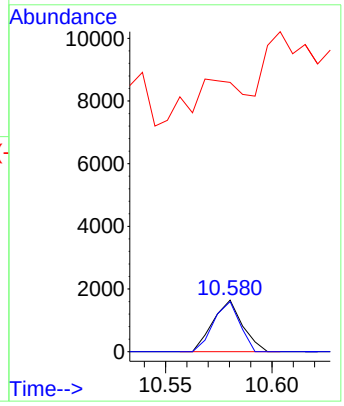
Instrument :
BNA_F
ClientSampleId :
OIL-1

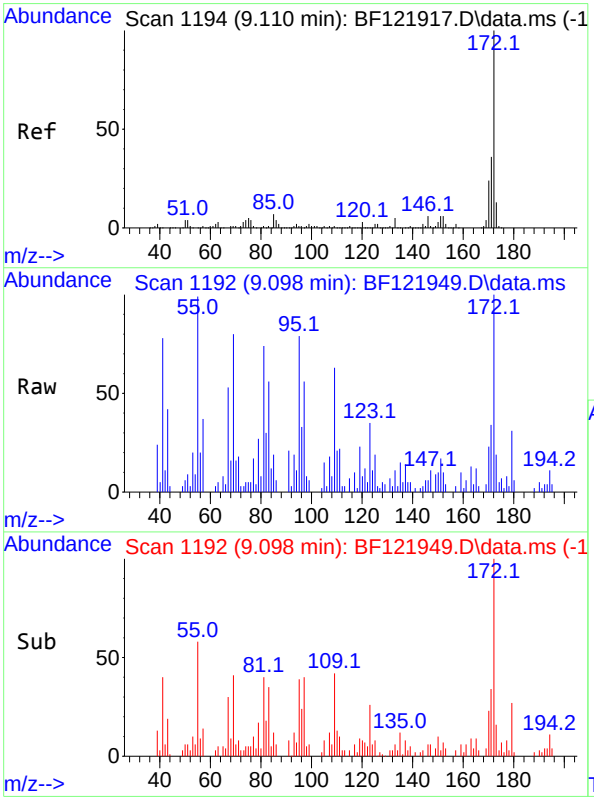


#42
2,4,6-Tribromophenol
Concen: 0.90 ng
RT: 10.580 min Scan# 1444
Delta R.T. -0.000 min
Lab File: BF121949.D
Acq: 13 Oct 2020 20:52

Tgt Ion:330 Resp: 1595

Ion	Ratio	Lower	Upper
330	100		
332	85.9	77.3	115.9
141	141.3	22.3	33.5#

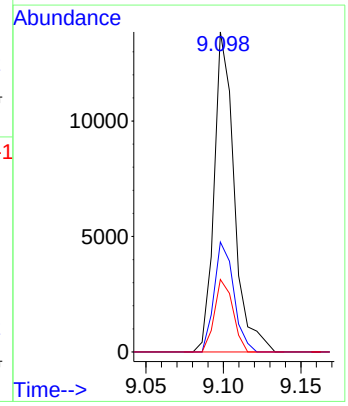




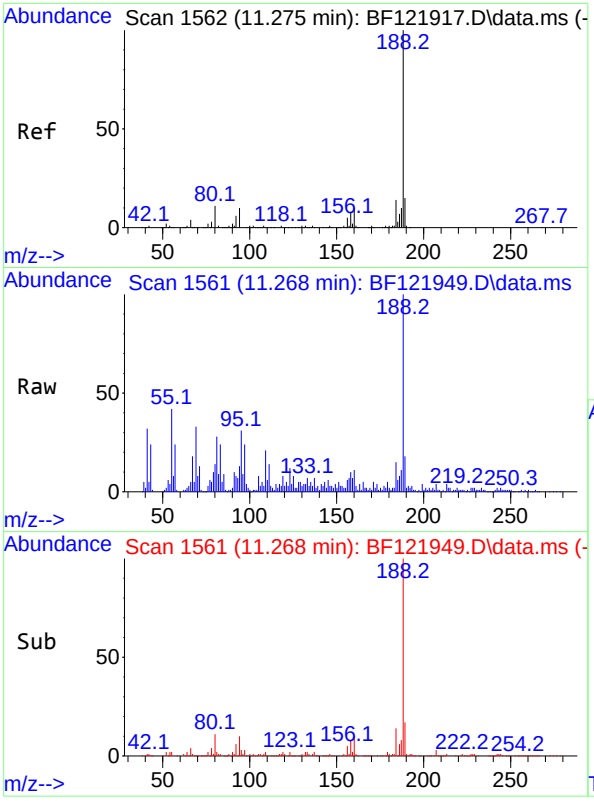
#45
2-Fluorobiphenyl
Concen: 1.28 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.012 min
Lab File: BF121949.D
Acq: 13 Oct 2020 20:52

Tgt Ion:172 Resp: 12507

Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.1	43.7
170	22.7	19.8	29.6



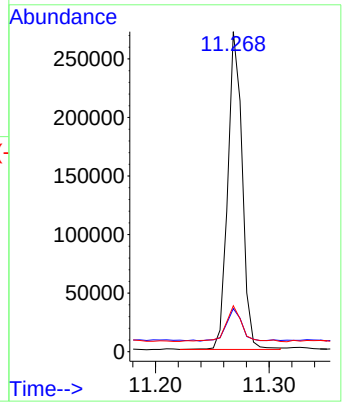
Instrument :
BNA_F
ClientSampleId :
OIL-1

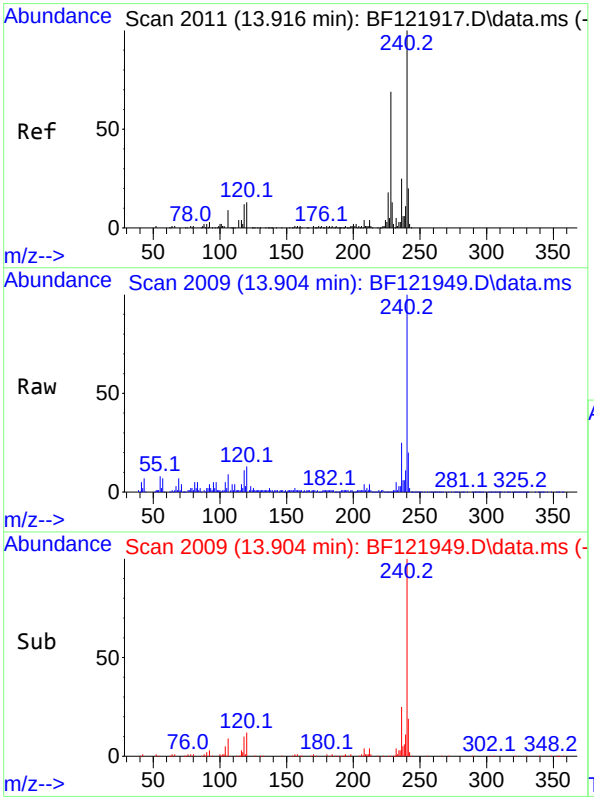


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.268 min Scan# 1561
Delta R.T. -0.007 min
Lab File: BF121949.D
Acq: 13 Oct 2020 20:52

Tgt Ion:188 Resp: 240554

Ion	Ratio	Lower	Upper
188	100		
94	13.5	8.3	12.5#
80	14.4	9.1	13.7#

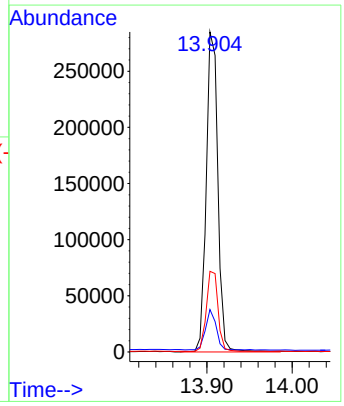




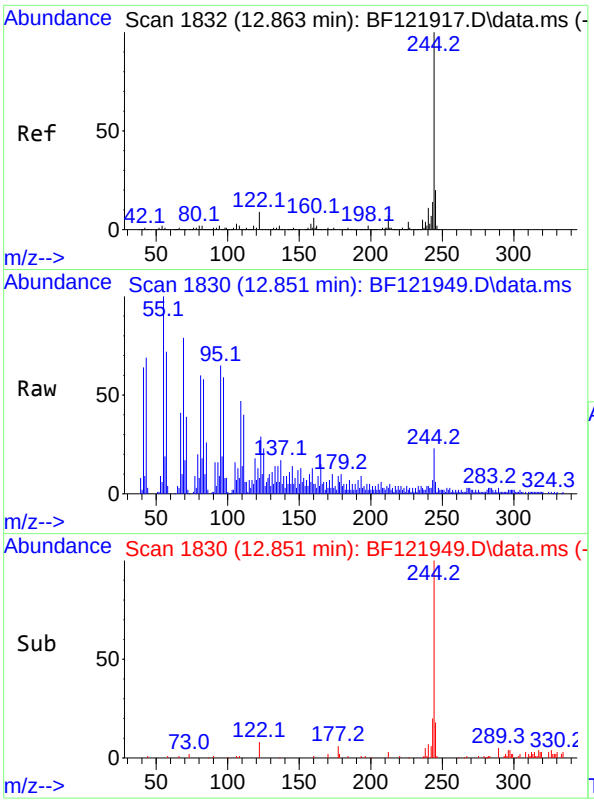
#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.904 min Scan# 2009
Delta R.T. -0.012 min
Lab File: BF121949.D
Acq: 13 Oct 2020 20:52

Tgt Ion:240 Resp: 269824

Ion	Ratio	Lower	Upper
240	100		
120	13.3	9.2	13.8
236	25.2	20.9	31.3



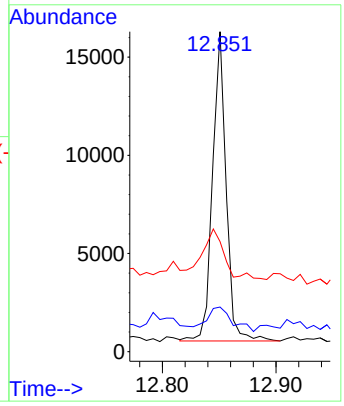
Instrument :
BNA_F
ClientSampleId :
OIL-1

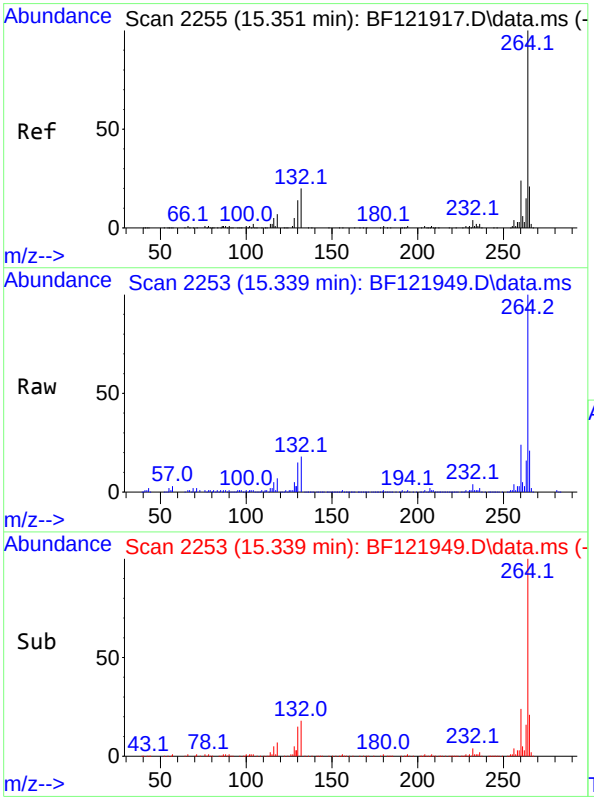


#79
Terphenyl-d14
Concen: 0.92 ng
RT: 12.851 min Scan# 1830
Delta R.T. -0.012 min
Lab File: BF121949.D
Acq: 13 Oct 2020 20:52

Tgt Ion:244 Resp: 13074

Ion	Ratio	Lower	Upper
244	100		
212	13.9	5.4	8.2#
122	34.4	8.1	12.1#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.339 min Scan# 2253
Delta R.T. -0.012 min
Lab File: BF121949.D
Acq: 13 Oct 2020 20:52

Tgt Ion:264 Resp: 269643

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	21.1	17.3	25.9