Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE103024\
Data File : BE101422.D
Acq On : 30 Oct 2024 13:34
Operator : RC/JU
Sample : PB164382BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB164382BL

Quant Time: Oct 30 14:27:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 29 01:26:30 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	123851	20.000	ng	0.00
21) Naphthalene-d8	10.336	136	541935	20.000	ng	0.00
39) Acenaphthene-d10	14.179	164	358960	20.000	ng	0.00
64) Phenanthrene-d10	16.911	188	831647	20.000	ng	0.00
76) Chrysene-d12	21.071	240	1025552	20.000	ng	0.00
86) Perylene-d12	23.356	264	1388354	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.319	112	1128905	159.756	ng	0.00
7) Phenol-d6	6.946	99	1427387	145.676	ng	0.00
23) Nitrobenzene-d5	8.779	82	819469	94.975	ng	0.00
42) 2,4,6-Tribromophenol	15.683	330	883713	140.463	ng	0.00
45) 2-Fluorobiphenyl	12.804	172	2107705	99.439	ng	0.00
79) Terphenyl-d14	19.508	244	3901753	87.563	ng	0.00
Target Compounds						Qvalue

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

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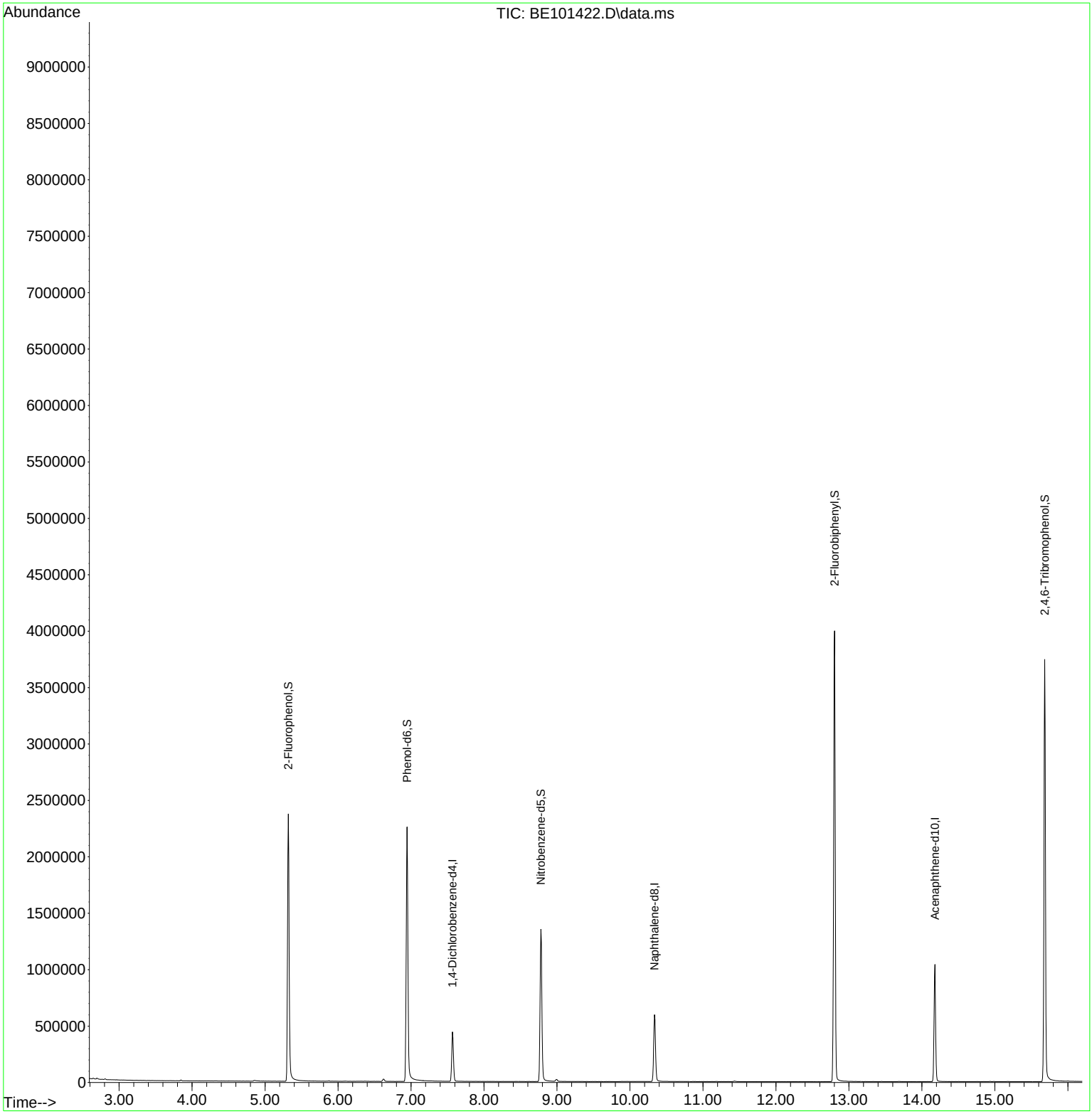

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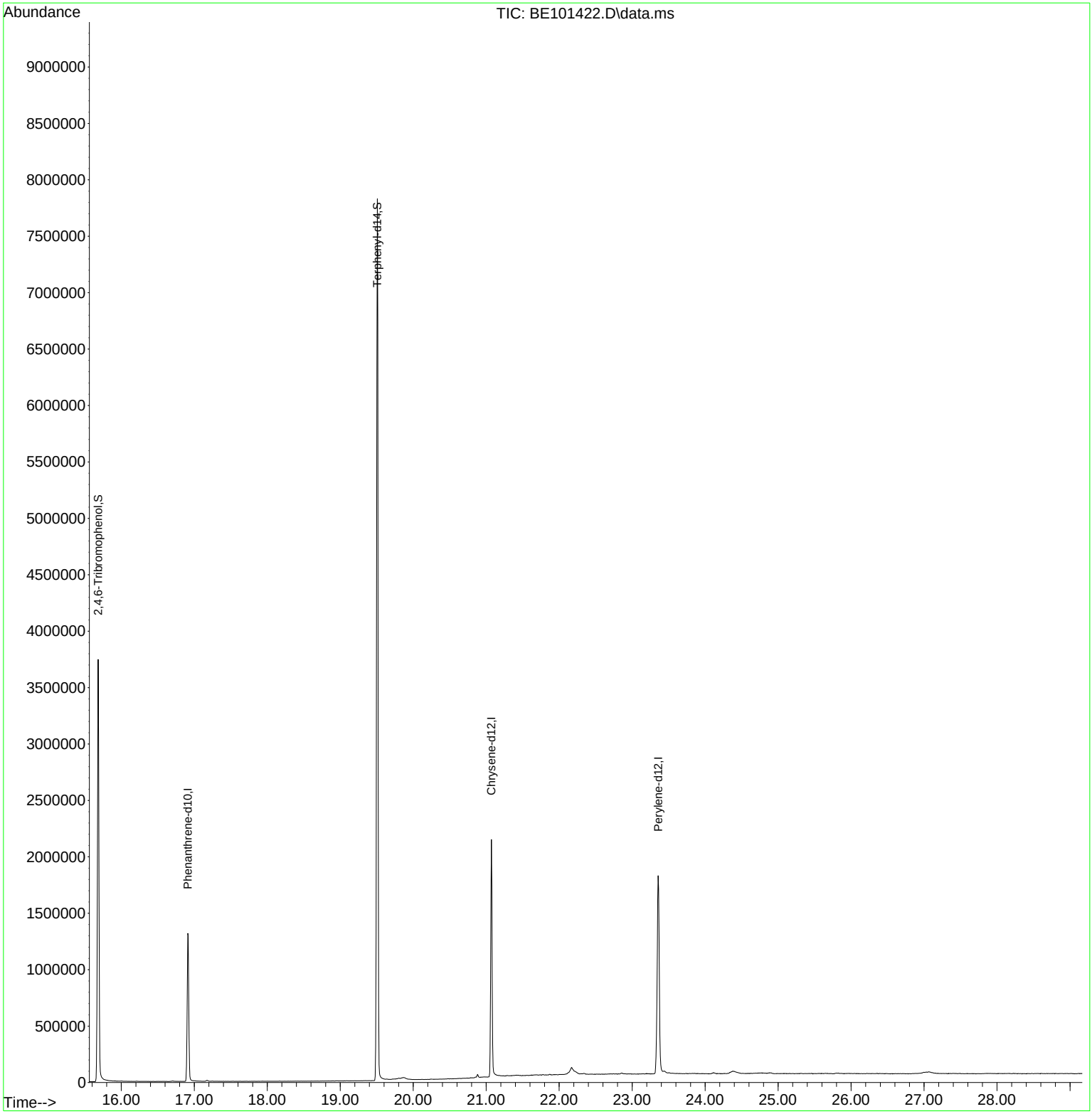
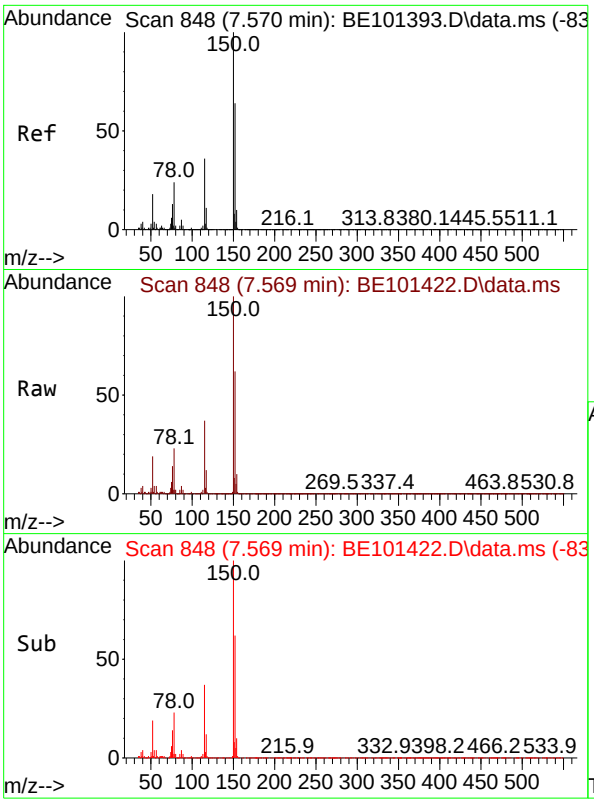


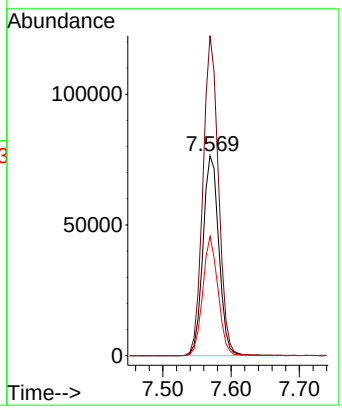


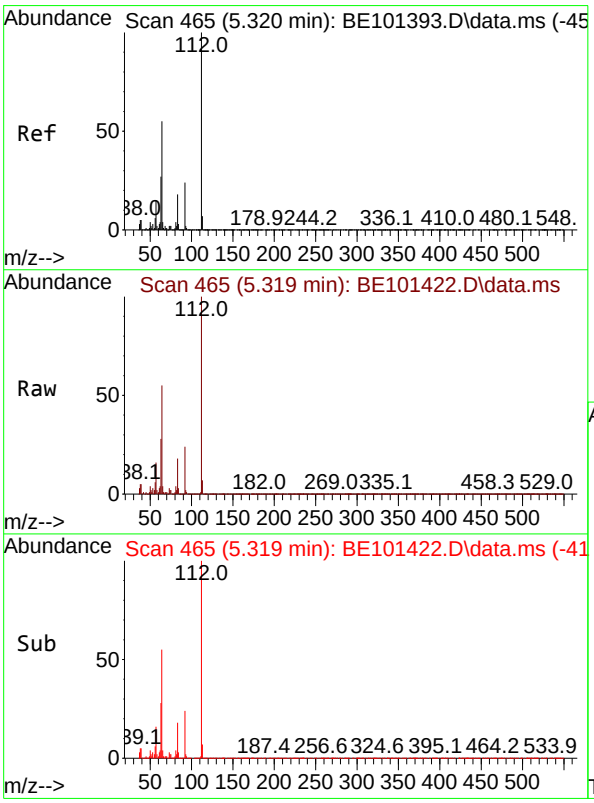
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.569 min Scan# 84
Delta R.T. -0.001 min
Lab File: BE101422.D
Acq: 30 Oct 2024 13:34

Instrument :
BNA_E
ClientSampleId :
PB164382BL

Tgt Ion:152 Resp: 123851

Ion	Ratio	Lower	Upper
152	100		
150	160.1	124.2	186.4
115	59.8	45.3	67.9

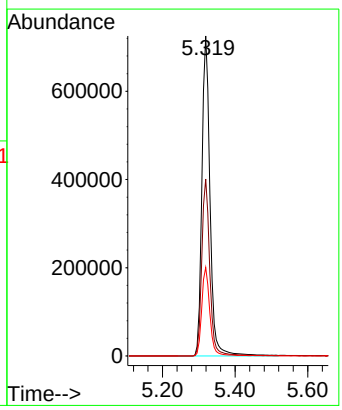


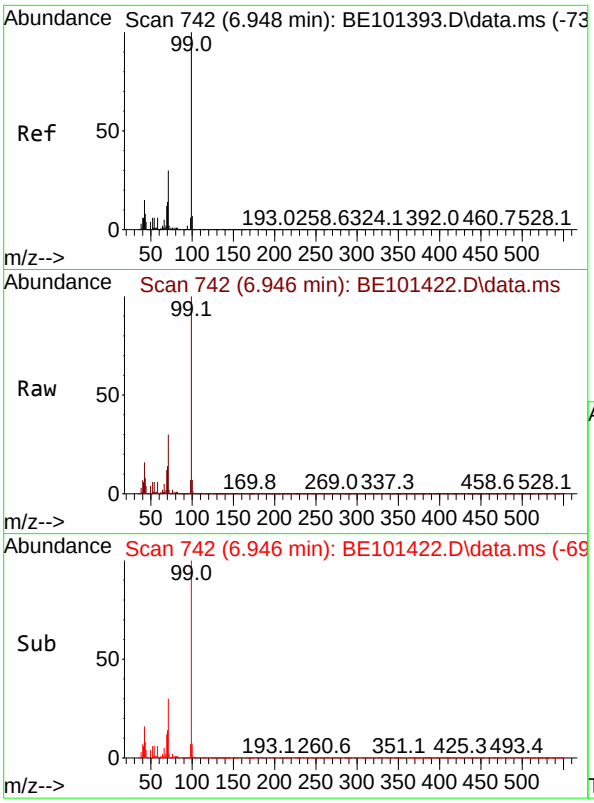


#5
2-Fluorophenol
Concen: 159.756 ng
RT: 5.319 min Scan# 465
Delta R.T. -0.001 min
Lab File: BE101422.D
Acq: 30 Oct 2024 13:34

Tgt Ion:112 Resp: 1128905

Ion	Ratio	Lower	Upper
112	100		
64	55.3	43.7	65.5
63	27.7	21.4	32.2



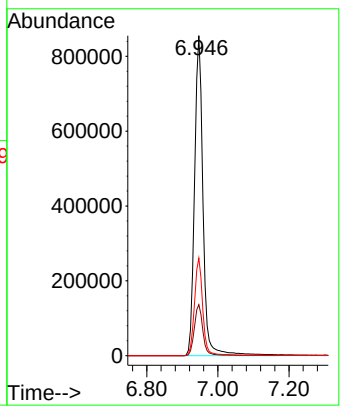


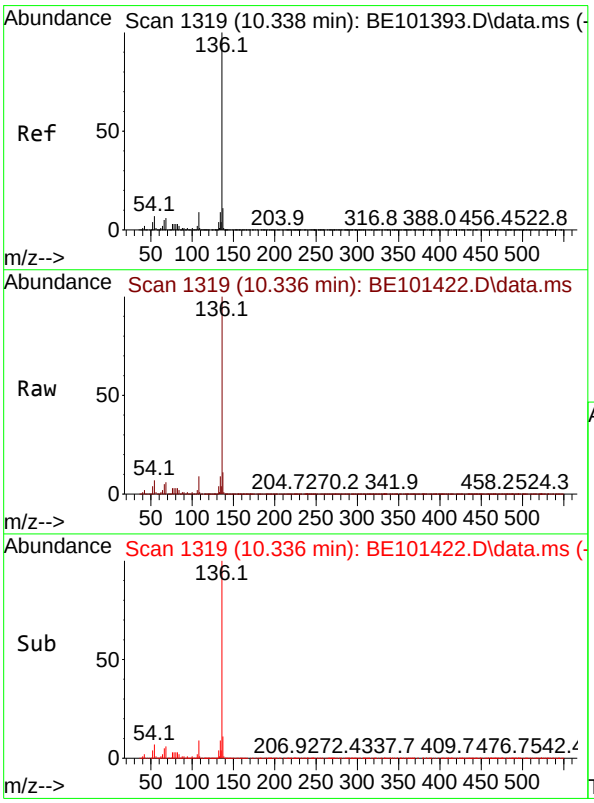
#7
Phenol-d6
Concen: 145.676 ng
RT: 6.946 min Scan# 7
Delta R.T. -0.001 min
Lab File: BE101422.D
Acq: 30 Oct 2024 13:34

Instrument :
BNA_E
ClientSampleId :
PB164382BL

Tgt Ion: 99 Resp: 1427387

Ion	Ratio	Lower	Upper
99	100		
42	15.9	12.3	18.5
71	30.5	23.8	35.8

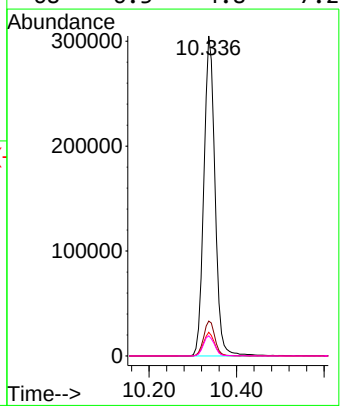


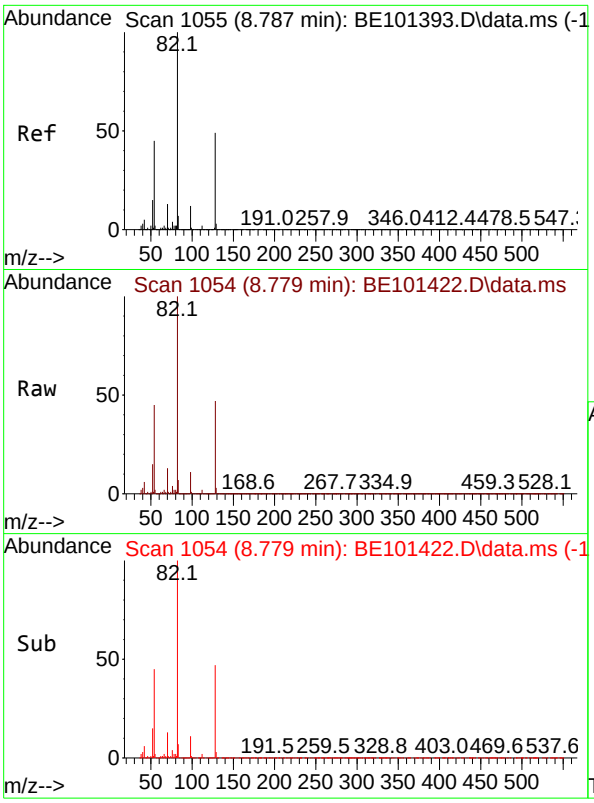


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.336 min Scan# 1319
Delta R.T. -0.001 min
Lab File: BE101422.D
Acq: 30 Oct 2024 13:34

Tgt Ion:136 Resp: 541935

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	7.4	5.9	8.9
68	6.3	4.8	7.2



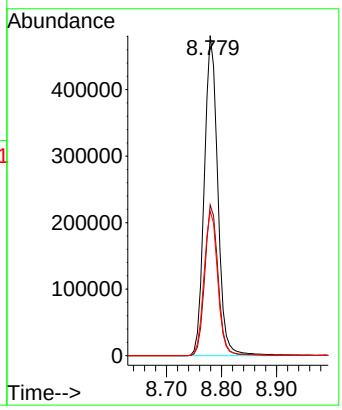


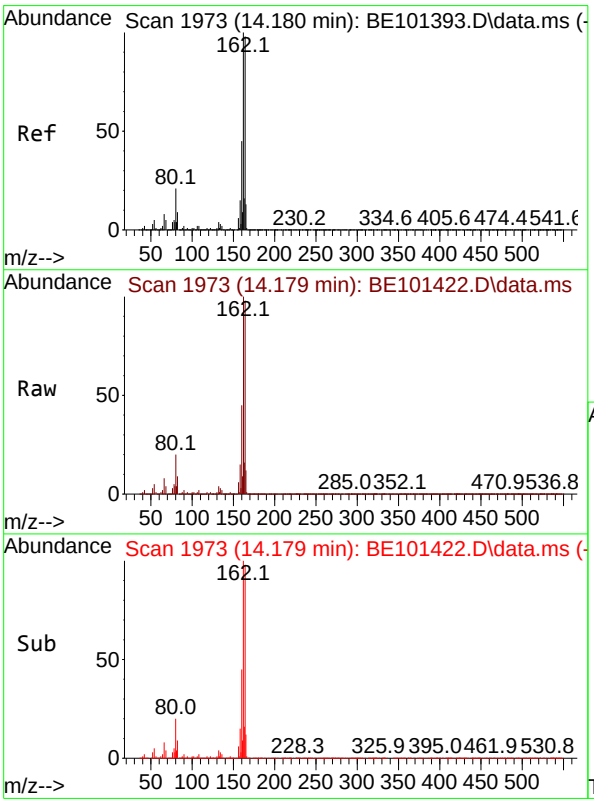
#23
Nitrobenzene-d5
Concen: 94.975 ng
RT: 8.779 min Scan# 1
Delta R.T. -0.007 min
Lab File: BE101422.D
Acq: 30 Oct 2024 13:34

Instrument :
BNA_E
ClientSampleId :
PB164382BL

Tgt Ion: 82 Resp: 819469

Ion	Ratio	Lower	Upper
82	100		
128	47.1	38.9	58.3
54	45.1	36.2	54.4

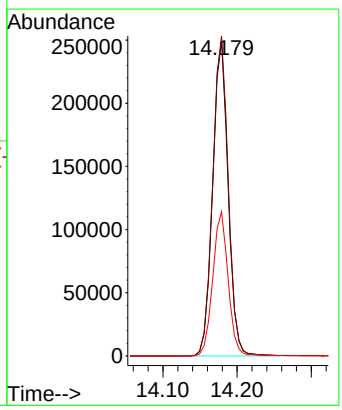


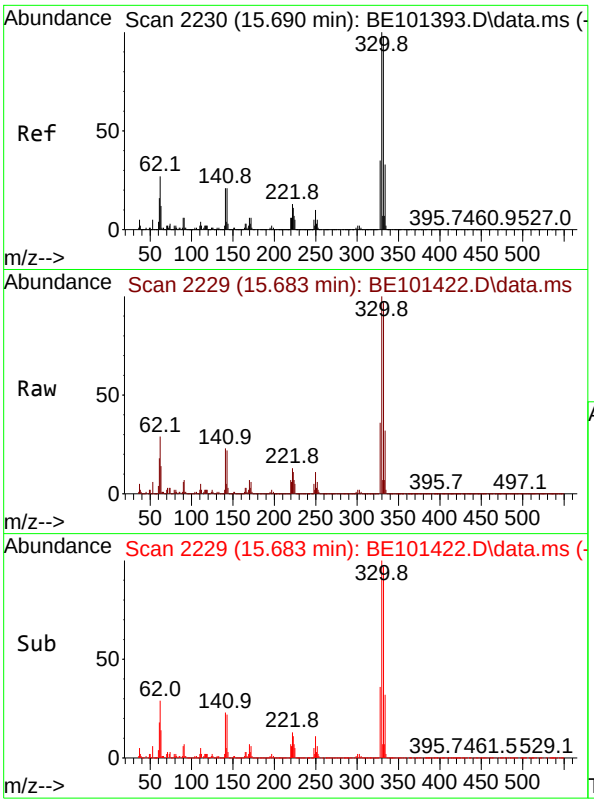


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.179 min Scan# 1973
Delta R.T. -0.001 min
Lab File: BE101422.D
Acq: 30 Oct 2024 13:34

Tgt Ion:164 Resp: 358960

Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.3	121.9
160	45.8	36.4	54.6



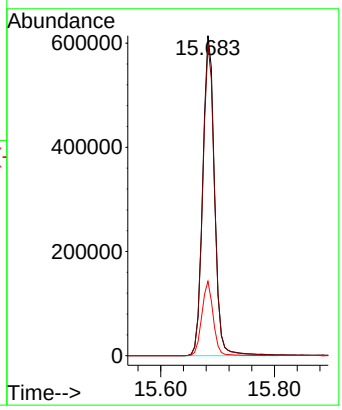


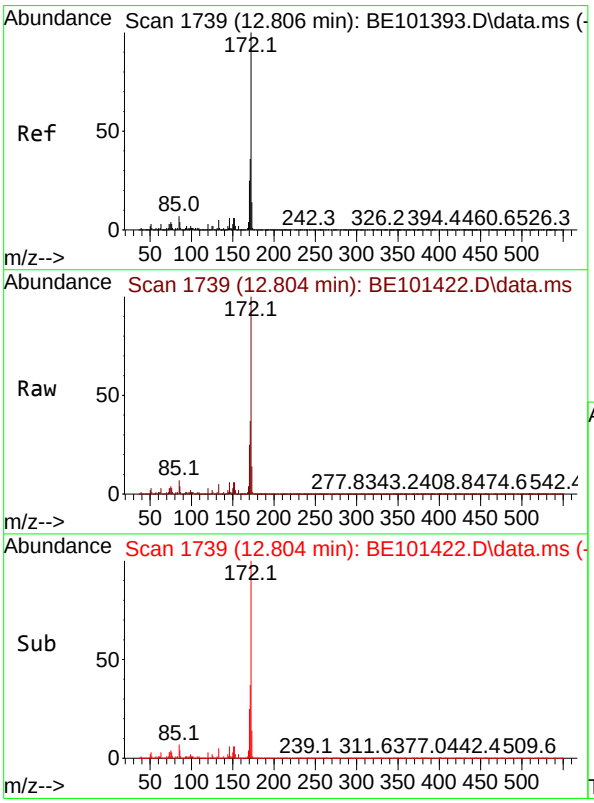
#42
2,4,6-Tribromophenol
Concen: 140.463 ng
RT: 15.683 min Scan# 2
Delta R.T. -0.007 min
Lab File: BE101422.D
Acq: 30 Oct 2024 13:34

Instrument :
BNA_E
ClientSampleId :
PB164382BL

Tgt Ion:330 Resp: 883713

Ion	Ratio	Lower	Upper
330	100		
332	97.4	78.2	117.2
141	22.5	18.3	27.5

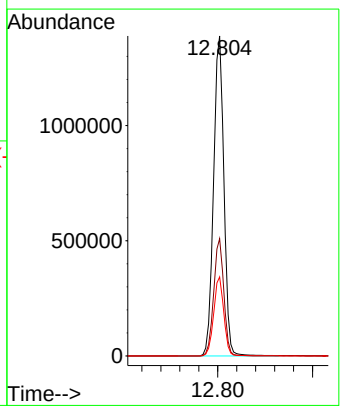


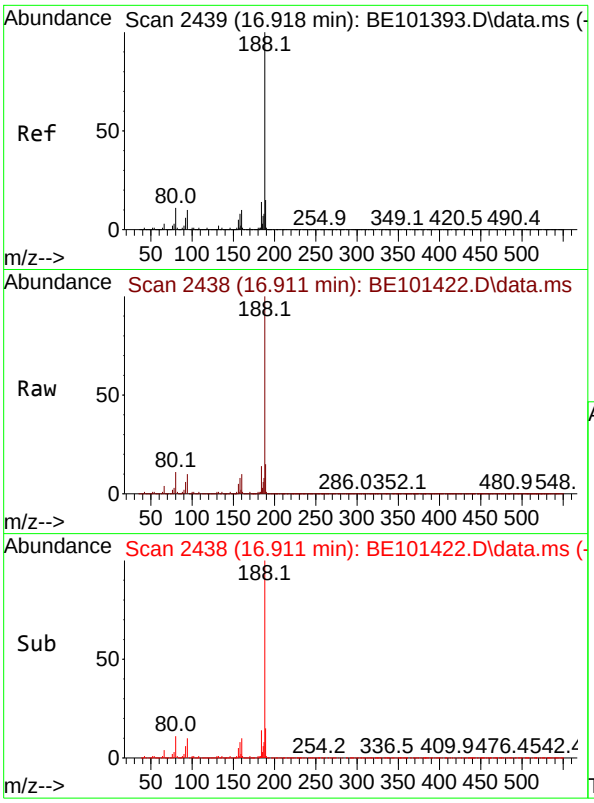


#45
2-Fluorobiphenyl
Concen: 99.439 ng
RT: 12.804 min Scan# 1739
Delta R.T. -0.001 min
Lab File: BE101422.D
Acq: 30 Oct 2024 13:34

Tgt Ion:172 Resp: 2107705

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.2	43.8
170	24.7	19.8	29.6



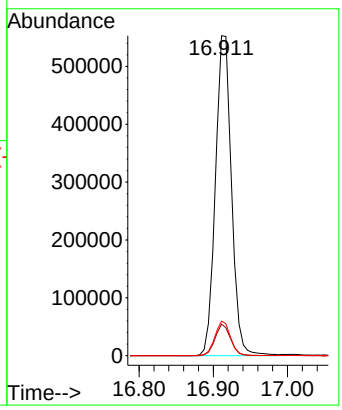


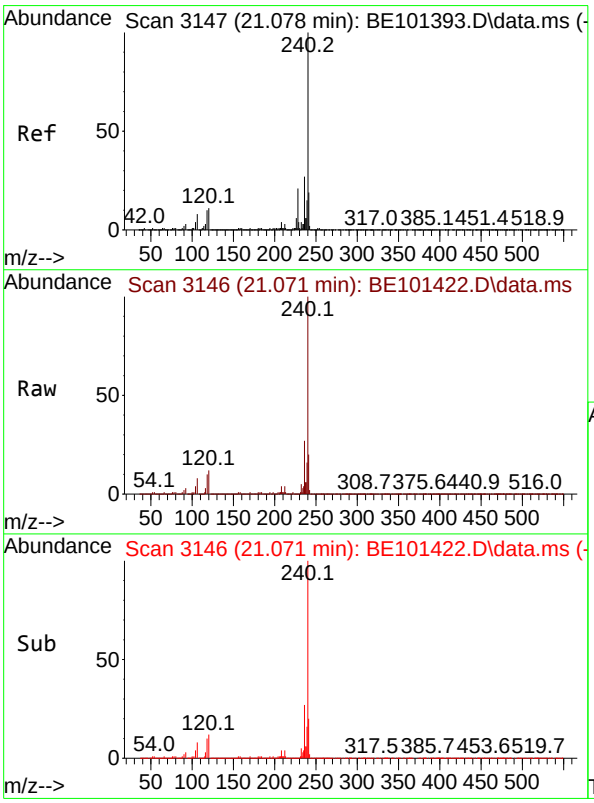
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.911 min Scan# 24
Delta R.T. -0.007 min
Lab File: BE101422.D
Acq: 30 Oct 2024 13:34

Instrument :
BNA_E
ClientSampleId :
PB164382BL

Tgt Ion:188 Resp: 831647

Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.8	11.8
80	10.8	8.6	12.8

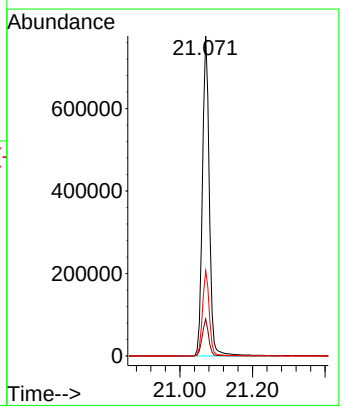


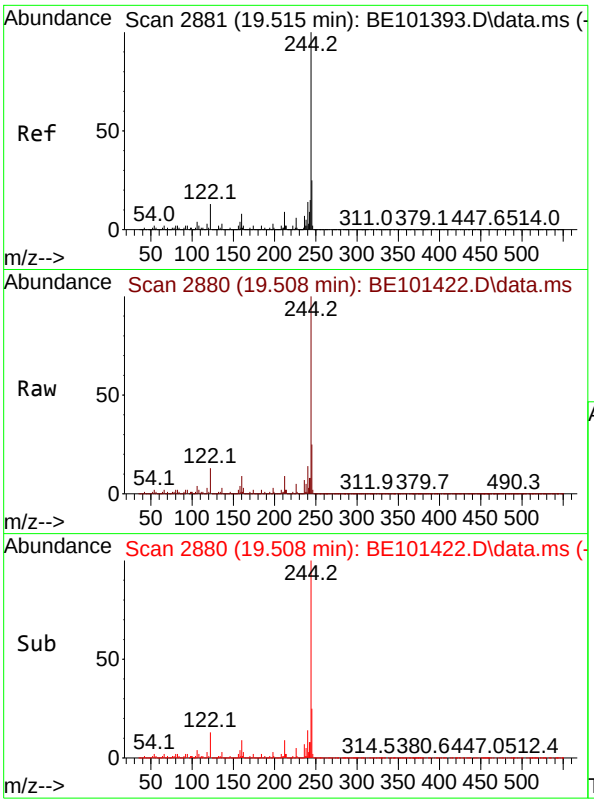


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.071 min Scan# 3146
Delta R.T. -0.007 min
Lab File: BE101422.D
Acq: 30 Oct 2024 13:34

Tgt Ion:240 Resp: 1025552

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.0	13.4
236	26.6	21.4	32.0



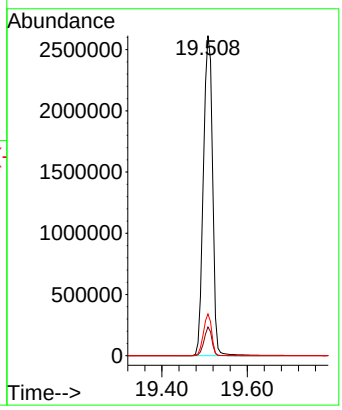


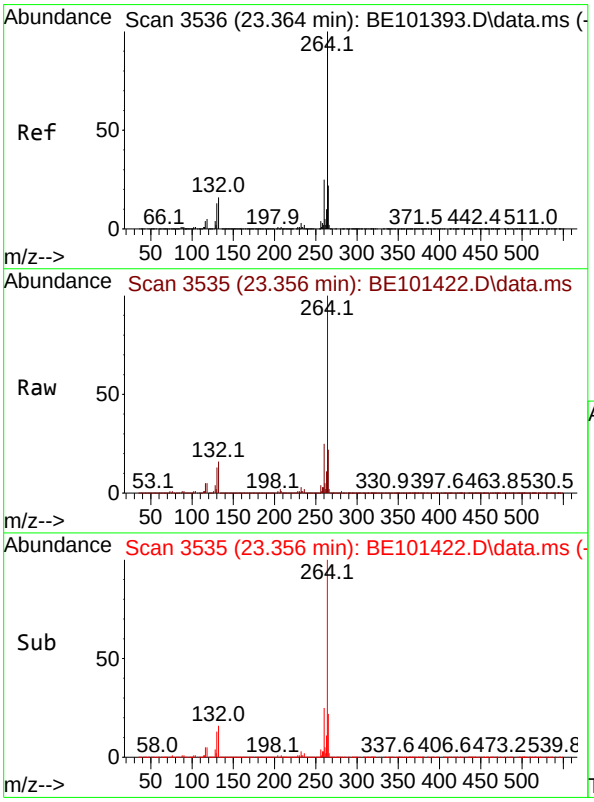
#79
Terphenyl-d14
Concen: 87.563 ng
RT: 19.508 min Scan# 2
Delta R.T. -0.007 min
Lab File: BE101422.D
Acq: 30 Oct 2024 13:34

Instrument :
BNA_E
ClientSampleId :
PB164382BL

Tgt Ion:244 Resp: 3901753

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.2	10.8
122	13.1	10.4	15.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.356 min Scan# 3535
Delta R.T. -0.007 min
Lab File: BE101422.D
Acq: 30 Oct 2024 13:34

Tgt Ion:264 Resp: 1388354

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.8	29.8
265	21.8	17.6	26.4